

BMH-EMP-200-1-01

ENVIRONMENTAL MANAGEMENT

**HAZARDOUS WASTE  
MANAGEMENT PLAN AND  
PROGRAM (HWMP)**

USAG Baumholder  
Unit 23746  
APO AE 09034-0003  
**20 April 2012**

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HAZARDOUS WASTE MANAGEMENT PLAN AND PROGRAM (HWMPP)

**SUMMARY:** This plan provides detailed information about hazardous waste (HW) handling, storage, and disposal at USAG Baumholder.

**PROPOSER:** The proponent for this document is the Directorate of Public Works, Environmental Division (IMBM-PWE), Unit #23746, Box #16, APO AE 09034, DSN 485-6146.

**APPLICABILITY:** This HWMP is applicable to all persons, units (to include tenant units and organizations), activities and contractors assigned, attached, conducting training, working or stationed within the USAG Baumholder.

**REVIEW:** This document shall be reviewed every 5 years or sooner if major changes warrant.

**FORMS:** IMEU-BMH-200-1-R-E, Hazardous Waste Accumulation Point Checklist.

**SUGGESTED IMPROVEMENTS:** Comments/improvements shall be sent to the DPW Environmental Division using DA Form 2028.



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## SUMMARY of CHANGE

This revision of the Hazardous Waste Management Plan includes the following:

- Adds a summary of change
- Adds detailed information so the plan can be executed as a program
- Adds tables, figures, pictorial examples, and appendices
- Table of contents has been restructured
- Re-identified roles and responsibilities USAG wide
- Adds a chapter about hazardous waste identification and characterization
- Adds a chapter reflecting general and specific container management
- Reflects new requirements for hazardous waste management at work places
- Improved details for hazardous waste accumulation points
- Improved details for the hazardous waste storage facility
- Provides information on hazardous waste management during deploying and/or re-deployment
- Improved detailed information on hazardous waste turn-in procedures
- Adds storage and turn-in requirements according to waste stream
- Provides details on the self-inspection requirements
- Implements the use of IMEU-BMH-200-1-R-E, self-inspection checklist
- Updated training requirements
- Adds detailed information for completing hazardous waste profile sheet
- Sets standards for hazardous waste labeling
- It incorporates the hazardous waste hazardous waste analysis plan
- It incorporates the hazardous waste storage facility closure plan
- New reporting and recordkeeping requirements
- Format and structure have been revised to meet publication requirements IAW DA Pam 25-40

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## 1. Purpose

1.1. The Hazardous Waste Management Plan (HWMP) is a document developed to provide guidance on the overall management of USAG wide generated Hazardous Wastes in Baumholder. It applies to all personnel, including contractors, who reside and work in the USAG. It discusses the generation, storage, handling, or disposal of all hazardous wastes. It sets written procedures, including, but not limited to, the training of personnel, identification, storage, disposal, and transportation, manifesting, and maintaining respective records. It incorporates current Army, host nation, and Baumholder specific requirements regarding the management of these wastes.

1.2. This plan shall also serve as the USAG Hazardous Waste Management Program, since it contains sufficient details to be representative for a program and not only a plan.

1.3. The plan shall be used in conjunction with the Garrison's Pollution Prevention Plan (P2), Spill Prevention and Response Plan (SPRP), Storm Water Pollution Prevention Plan, Solid Waste Management Plan, Hazardous Material Management Program, currently under development, and Asbestos Management Plan, to effectively manage all generations of hazardous wastes. All plans are available on the USAG Baumholder Web-Site.

## 2. References

Required and related publications and prescribed and referenced forms are listed in [Appendix A](#).

## 3. Definitions

Special terms and abbreviations used in this plan are explained in [Appendix B](#).

## 4. Scope

4.1. The document has been divided into three sections due to the extensiveness and complexity of the subject matter. It contains the general hazardous waste management portion (Section I) applicable to personnel USAG wide. Section II discusses in detail the overall management of recurring hazardous wastes at shops and facilities during daily operations. Section III covers those hazardous wastes that are generated by project construction or renovation work by other services providers (firms and contractors).

4.2. Based on data available to the Environmental Division all hazardous wastes known to be generated in the USAG have been incorporated into this plan. The Environmental Division (ED) requires generating activities to work in close coordination in order to provide assistance regarding the identification and disposal of hazardous wastes. Under no circumstances shall hazardous wastes be disposed in household type dumpsters located throughout the Garrison.

4.3. It does not provide any management practices on ammunition and explosive ordnance, with the exception of the disposal of matting from shooting ranges in Section II.

## SECTION I

### *General Management of Hazardous Wastes*

## 5. Roles and Responsibilities

### 5.1. Garrison Commander (GC)

5.1.1. Approves and signs the HWMP.

5.1.2. Has the overall responsibility to ensure management of all HW, generated within USAG Baumholder, is in accordance with this plan.

5.1.3. Ensures implementation of this HWMP throughout the Garrison.

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5.1.4. Designate personnel to sign “proof of conformity documentation” (tendering HW to Host Nation, Chapter 7) and accompanying documentation, for HW noted in Section II and III, on behalf of the GC, as the DOD generator. Related forms/documentations are noted in paragraph 20.3.1. and 20.3.2.

5.1.5. Issues environmentally related Operational Orders (OPORD) as required.

5.1.6. Chairs the EQCC.

**5.2. Environmental Quality Control Committee (EQCC)**

5.2.1. Develops overall HW management policies including, but not limited to, HW accumulation, on-site inspections, on-site storage, and turn-in procedures.

5.2.2. Provides input to reduce costs, streamline efficiency, reduce the quantity, volume, and toxicity of HW, and presents viable P2 opportunities.

5.2.3. Meets at least quarterly to discuss HW issues, policies, regulations, and any other issues.

5.2.4. Addresses compliance findings and their corrective actions and closure.

**5.3. Unit Commanders/Activity Directors, including Tenants**

5.3.1. Serves as a member of the EQCC.

5.3.2. As necessary, budget for meeting all aspects of HW management requirements not funded for by the ED.

5.3.3. Appoint primary and alternate Environmental Officers (EOs) in accordance with OPORD 10-18, ensuring that:

5.3.3.1. A copy of the designation/appointment is forwarded to the Environmental Division.

5.3.3.2. Continued EO representation (i.e. rotation or change of personnel).

5.3.3.3. Ensure EOs attend quarterly DPW initiated/coordinated EO meetings.

5.3.4. EOs and all other personnel, including contractors, who handle, store, and/or dispose HW are identified and receive required environmental training as outlined in Chapter 18. Training must be provided to personnel prior to commencing with their duties and annually. Training date, contents, and attendees must be recorded. Personnel training records must be maintained 3 yrs after personnel is released from duty.

5.3.5. Identify all locations/facilities that generate HW as part of their operations or function to the Environmental Division. Thereby it is irrelevant if this is recurring, one time, or limited to a specific time frame. The generation can be at food/dining facilities, equipment or vehicle maintenance- communication- NBC- shops, supply sections, field sanitation, medical facilities or admin offices.

5.3.6. If transporting hazardous cargo on open roads, ensure hazardous cargo license are obtained and remain valid. See Chapter 9 for additional information.

5.3.7. Where applicable, ensure medical examinations are obtained for personnel operating the facility (mandatory for Local National USAG employees).

5.3.8. If services are purchased/received/obtained from external sources, ensure requirements under 5.15. - 5.17. are communicated to and coordinated with the respective party or parties. In some instances this may also require to provide copies, internal to the USAG, or unit or activity, such as management plans or maybe parts of a contingency

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plan or SOPs to the U.S. government representative (CO, COR, Project Manager or alike) and in rare instances to the outsourced party directly.

5.3.9. Comply with installation policies, applicable Federal, State, and local environmental laws, regulations, Executive Orders, and GFGS.

5.3.10. Report non-compliance through appropriate channels to the GC.

5.3.11. Report spills and incidents according to the Emergency and Alarm Plan at Appendix C.

5.3.12. Ensure unit/activity specific internal standard operating procedures (SOPs) are developed and implemented, integrating environmental considerations into the planning and execution processes in accordance with FM 3-34.5, thus establishing an internal control mechanism and ensuring continuity at all times with rotation or change of personnel.

5.3.13. Ensure the implementation of this plan throughout their area of responsibility to the lowest level of operation.

**5.4. Environmental Officers (EOs) at all levels**

5.4.1. Within 60 days of appointment/designation as EOs complete basic and refresher class room or web-based training as outlined in Chapter 18. Forward a copy of the training certificates to the Environmental Division.

5.4.2. Ensure collection/segregation, storage, and labeling hazardous wastes and work areas are in accordance with this plan.

5.4.3. Advise chain of command/supervisory chain on hazardous waste related issues/imperatives and assist in unit/activity environmental compliance efforts.

5.4.4. Provide or ensure provision of environmental training/education and instructions internal to unit/activity personnel who potentially use, store, handle, and/or dispose of HW.

5.4.5. Act as liaison between unit/activity and ED.

5.4.6. Ensure identification and characterization of hazardous wastes as applicable in either Sections II and/or III as applicable.

5.4.7. Ensure legal disposal paths are implemented and followed as outlined in II and/or III respectively and manifesting/shipping documentation is forwarded to the ED as noted throughout.

5.4.8. Advise chain of command/supervisory chain on hazardous waste related issues/imperatives and assist in unit/activity environmental compliance efforts.

5.4.9. Maintain/ensure maintenance of records noted throughout this plan. Records are an inspectable item during an internal or external environmental performance assessment.

5.4.10. Ensure development, maintenance, and implementation of unit/activity's internal SOPs.

**5.5. Director of Logistics**

5.5.1. Serves as a member of the EQCC.

5.5.2. Establish and implement an HMMP and chair the committee.

5.5.3. Provide guidance on regulatory requirements for on-post and off-post shipment of hazardous goods.

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**5.6. Supply Services Activity**

Comply with section I and II of this plan.

**5.7. Director, Plans, Training, and Mobilization**

Publish FRAGOs.

**5.8. Safety Division**

5.8.1. Serves as a member of the EQCC.

5.8.2. Executes functions and services as outlined in their Safety Program SOP, available on the Baumholder web-site.

5.8.3. Ensures work related health and safety requirements are available and implemented to include materials safety data sheets (MSDS), operating instructions for equipment and hazardous materials/wastes, job hazard/risk analysis, labeling of work places, and personnel protective equipment (PPE).

5.8.4. Assists the ED in the implementation of this plan.

5.8.5. Incorporates the HWMP into the Command Safety Program.

5.8.6. Provides the ED with environmental related findings or deficiencies found during safety inspections.

5.8.7. Participates in emergency response/incident evaluations.

**5.9. Directorate of Public Works**

5.9.1. Director of Public Works: Acts as a liaison between the Environmental Division and the GC and other Directories or Commanders for environmental issues which may arise, requiring immediate resolutions or simply to be communicated.

**5.9.2. Environmental Division**

5.9.2.1. Serves as a member of the EQCC.

5.9.2.2. Maintains and implements this HWMP.

5.9.2.3. Reviews and updates this plan every 5 years or sooner if warranted, such as changes of roles and responsibilities, legal or other requirements, change of USAG Commander, update and republish respectively with GC's signature.

5.9.2.4. Through the DPW, provides HW management guidance, instructions, concerns, etc. to the GC, Unit Commanders and supervisors.

5.9.2.5. Advises of issues that could place the Garrison in non-compliance with HW regulatory requirements.

5.9.2.6. Obtains and maintains, where applicable, facility environmental permits related to hazardous waste management operations in accordance with host nation laws.

5.9.2.7. Pending availability of funds, coordinates local environmental training for personnel generating and working with hazardous materials or wastes.

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5.9.2.8. Submits reports on HW generation and disposal as requested and required by higher echelon.

5.9.2.9. Acts as a liaison with host nation agencies.

5.9.2.10. As part of overall environmental compliance assessments, inspects HW operations and initiates corrective measures including recommending equipment for the handling and storage of locations that generate, handle, store, and dispose HW.

5.9.2.11. Has the overall responsibility for the operation of the USAG Hazardous Waste Storage Facility permitted under Host Nation law.

5.9.2.12. Ensures operation of the Hazardous Waste Storage Facility in accordance with legal and other requirements and in accordance with Part II of this plan.

5.9.2.13. Ensure maintenance of HN mandated electronic registry, where applicable, and tracks all Sections II and III USAG HW shipped off-site.

5.9.2.14. Perform periodic assessment of hazardous waste management activities for consideration as significant aspects.

5.9.3. Hazardous Waste Storage Facility Manager

5.9.3.1. Provide consultation, support, and assistance in managing the routinely generated HW within the Garrison as outlined in Section II.

5.9.3.2. Ensure designation and training of environmental officers throughout the USAG. Track and maintain up-to-date.

5.9.3.3. Track all hazardous waste generations USAG wide.

5.9.3.4. Maintain host nation web-based hazardous waste registry, tracking proof of conformity documentation.

5.9.4. Operations and Maintenance Division

5.9.4.1. Comply with all parts of this plan respectively. Additionally special attention will be given to the Asbestos Management Plan and the disposal of asbestos containing wastes.

5.9.4.2. Develop and implement a Solid Waste Management Plan and Program, ensuring that this hazardous waste management plan is referenced in their document.

5.9.4.3. Report improper/illegal disposal of hazardous wastes to the ED.

5.9.4.4. Provide copies, electronic or hard copy, of hazardous waste shipping manifests, quarterly, to the HWSF for tracking and consolidation of USAG wide HW inventory.

5.9.5. Contract Management: Comply with all sections of this plan respectively, in particular paragraphs 5.16 and 5.17.

5.9.6. Admin Office: Ensure medical examinations for DPW employees are coordinated and visited by the employees. Report non-compliance or issues to the respective supervisors.

**5.10. Facility Personnel/ Soldiers:** Additionally comply with Section II of this plan.

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**5.11. Housing Division/NCOIC:** Comply with section I and II of this plan and ensure that household hazardous waste is collected and disposed of properly according to this plan.

**5.12. Government Housing Occupants:** Comply with section I and II of this plan and dispose their household hazardous waste according to this plan.

**5.13. Directorate of Emergency Services**

5.13.1. Provost Marshall Office

5.13.1.1. Help to crack down illegal dumping.

5.13.1.2. Combine effort between US and HN law enforcement.

5.13.2. Fire Department: Comply with Section I and II of this plan.

**5.14. Medical Waste Management Personnel:** Comply with Section I and II of this plan.

**5.15. Defense Reutilization and Marketing Office (DRMO) and their contracting officers representatives (CORs):**

Provide HW direct removal contract services as outlined in Section II of this plan.

**5.16. Contracting Officers (CO)**

5.16.1. Ensure communication and implementation of the USAG HWMP requirements to their CORs/COTRs and contractors.

5.16.2. Ensure that SOW for outsourced services that generate HW, bi-lateral agreements, Memorandums of Understanding or Agreements, contracts, including GOCO operated facilities, state and clarify the generation/disposal, tendering, transportation, manifesting, and funding/cost bearing responsibilities and procedures.

5.16.3. Ensure manifesting and disposal documentation as proof of legal disposal is processed accordingly, if applicable.

5.16.4. Ensure parties are notified in writing, that disposal/illegal dumping of HW, or any other waste for that matter, in the USAG, accrued additional cost to the USAG for segregation and disposal, will be investigated and violations will be prosecuted.

5.16.5. Ensure compliance by all parties involved/concerned.

5.16.6. Ensure recorded inspections of service sites and compliance is implemented and executed.

5.16.7. Determine, act on, and seek resolutions of non compliance reported by the service provider, customer paying for the service, or the U.S. government representative with the respective oversight responsibility.

5.16.8. Notify the ED if compliance issues arise.

**5.17. Contractors or agencies providing services and their respective Contracting Officers Representatives (CORs)**

5.17.1. Inform contractors about HW handling/storing/disposal and spill cleanup procedures at the Garrison.

5.17.2. Perform inspections and monitor compliance to ensure contractors are NOT disposing off their HW inside the Garrison.

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5.17.3. Follow up and, if necessary, periodically review manifesting and disposal documentation as proof of legal disposal.

5.17.4. Disposal of HW in the USAG, at additional cost to the USAG will be investigated and violations will be prosecuted.

5.17.5. Report non-compliances to the ED and their higher headquarters such as the CO.

## 6. Hazardous Waste Disposal Principal in Europe (Germany)

The Generator identifies and characterizes the hazardous waste processes that generate hazardous waste streams. Characterization of the streams can be based on one of two principals, either user knowledge or laboratory chemical analysis. Once identified, the hazardous waste identification, characterization, and annual quantity determination and proposed disposal facility destination has to be reported to and approved by Host Nation authorities prior to shipping any hazardous wastes off site for disposal or recycling. See Chapter 7, Tendering to HN.

### 6.1. Generator(s)

6.1.1. DOD Generator: The overall responsibility and liability lies with the USAG Garrison Commander (GC) as the official Department of Defense Generator. The GC can delegate signature authority to designated personnel in respect to various aspects of the hazardous waste management process, in particular the signing of disposal certifications when tendering the HW to HN authorities and shipping documents. However, each generating or responsible unit/activity and shop/facility has its own responsibilities as outlined throughout.

6.1.2. Generating unit/activity: The GC does not have control of actions or processes at each unit or activity generating the hazardous waste from cradle to grave, thus, the responsibility lies with each unit commander and director who in turn reports to the GC. The various directorate levels and unit levels are not listed in this plan but are considered to be a "level" as is applied in the official chain-of-command (C-O-C) by Army standards.

6.1.3. Generating Shops/Facility: Processes generating the hazardous waste routinely lie at shop/facility levels. Head personnel are responsible for their actions and that of their personnel, as well as the processes applied throughout their area of responsibility. They report up their appropriate C-O-C.

### 6.2. Identification and Characterization Principals

6.2.1. The DoD generator ensures evaluation and determination if the wastes generated are hazardous or not, by U.S. and Host Nation laws. Hazardous waste management is subject to numerous regulatory requirements listed at Appendix A. Violations can result in notices of violations and/or even fines. Information about the identity of a waste is needed to comply with regulatory requirements not only in respect to the disposal, but also labeling, handling, storage, and transportation.

6.2.2. Determinations can be based on generator knowledge in some instances, as is the case in routinely generated hazardous wastes at locations where the process generating the hazardous waste or the materials used does not normally change. Other hazardous wastes, such as those generated as part of renovation or construction projects, i.e. excavation of contaminated soil or construction debris, where it is not evident if they are contaminated, if so to what extent and with what, must be analyzed by an officially recognized laboratory.

6.2.3. Identification and characterization based on user knowledge may be applied when shipping and disposing routinely generated HW under the DRMO contract. Those hazardous wastes, which cannot be readily identified will be sampled and analyzed. Analysis shall be conducted by a HN authorized laboratory only.

### 6.3. Assignment of European Waste Codes to Hazardous/Special Wastes:

In Europe, all "hazardous wastes" must be assigned a six digit code. At Appendix D-1 is a listing of European Waste Codes, in German and English, providing categories and their underlying processes that are known to

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generate “special wastes (Sonderabfall)”. The codes identified with an “\*” and are considered to be “dangerous wastes”, requiring a more stringent “proof of conformity” process than the EWC without an \*, as discussed below. All special/hazardous wastes require to be tracked, cradle to grave. Prior to disposal of any hazardous waste off site generators must determine the respective waste generating process by EWC and tender (report and request approval for recycling or disposal) to HN authorities.

#### 6.4. Tendering to HN authorities, Disposal and Tracking

6.4.1. The respective authority responsible for all hazardous wastes generated in Baumholder, is the

Sonderabfall-Management-Gesellschaft, Rheinland-Pfalz mbH (SAM)  
Wilhelm-Theodor-Römhild-Str. 34, 55130 Mainz  
Telephone: (0 61 31) 9 82 98-0, Fax: (0 61 31) 9 82 98-22  
E-Mail: [info@sam-rlp.de](mailto:info@sam-rlp.de), Web: [www.sam-rlp.de](http://www.sam-rlp.de)

6.4.2. Every generator is assigned at least one generator number. The number for the USAG Baumholder is

**G02296906.** Additional suffix for the electronic waste registry is “5”

6.4.3. Prior to entering into a disposal process, the generator respectively owner of HW is only authorized to do so, if this has been recognized and approved by the SAM. Set forth in this plan, the term generator versus owner, will be used. Additionally the term “disposal” can include recycling. Whether a hazardous waste is disposed or recycled and by what means, burial, burning, etc. is annotated on each proof of conformity discussed in 6.4.5. below.

6.4.4. Host Nation law requires that a proof of disposal registry be maintained by each generator for proof of conformity. The proof of conformity differentiates between an Advanced Control and Disposition Control (see below). In addition it regulates how the documents have to be processed, electronically versus manually, based on the annual quantity generated, and if the waste is considered to be dangerous waste (\*) or not. Documents required are listed in Table 1 below.

6.4.5. Under the Advance Control (proof of conformity documentation (Entsorgungs- or Sammelentsorgungsnachweis)) the beginning of the actual disposal path is initiated when various parties identified and completed the binding documentation reflecting the waste type, quantity, and proposed disposal path. The Advanced Control serves as proof of the admissibility of the proposed path. These documents can be valid for a one time use or for as long as 5 years.

6.4.6. Under the Disposition Control (documentation via manifests, accompanying or acceptance documentation (Begleitscheine or Übernahmescheine)) the actual disposal executed by the respective parties is documented. The documentation is required for each disposal process.

##### 6.4.6.1. Document Criteria and Use:

6.4.6.1.1. Entsorgungsnachweis and Begleitschein. Used when generating, disposing, and shipping more than 20tons/year of a single waste stream of dangerous wastes (those with an \*). The documents require an electronic signature by the DOD generator or his/her designee and require to be processed electronically to the SAM using the electronic registry. For the retention period of the documents refer to paragraphs 20.5 and 20.6 below.

6.4.6.1.2. Sammelentsorgungsnachweis and Uebernahmeschein, are used when generating, disposing, and shipping more than 2 tons/year, but less than 20 tons/year of a single waste stream of dangerous wastes. These documents are initiated, signed, and processed electronically by the collector/disposer and utilized at various generating locations. For the retention period of the documents refer to paragraphs 20.5 and 20.6 below.

6.4.6.1.3. Other: For dangerous wastes under 2 tons/year or special wastes, not considered to be dangerous (no \*) the generator who shipped and signed any type of document (bill of lading, send/receive or shipping document) as proof of legal disposal, shall maintain hard copy records for 3 years from date of shipment.

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**Table 1 Forms used for the proof of conformity:**

Advance and Disposition Control Documents	Initiator	Approver/Signee
Coversheet for Disposal Certification/Deckblatt Entsorgungsnachweise	Project or disposal firm	SAM
Declaration of Accountability/Verantwortliche Erklärung	Project or disposal firm	DoD Generator or designee
Declaration of Waste Analysis/Deklarationsanalyse	Project or disposal firm	Laboratory
Declaration of Acceptance/Annahmeerklärung	Project or disposal firm	Disposal Facility
Accompanying Documentation or shipping manifest/Begleitschein	Project or disposal firm	DoD Generator or designee
Acceptance Documentation or shipping manifest/Übernahmeschein	Project or disposal firm	DoD Generator or designee
Additional Form Delegating Authority/Ergänzendes Formblatt für Bevollmächtigung/Beauftragung (requires a courtesy translation for the GC)	Project or disposal firm	DoD Generator

6.4.7. Only authorized Disposal/Recycling Facilities will be used. In all cases in the USAG Baumholder, the service providers or contractors, via written agreements/scope of work/delegations are tasked to determine the authorized disposal facility specific to the hazardous waste to be recycled or disposed. One all inclusive list of facilities cannot be provided in this plan, since facilities change due to openings, closures, or change of processes. However, a relative updated list can always be accessed under the following link of the SAM: <http://www.sam-rlp.de/>

**Figure 1 Authorized Disposal/Recycling Facilities (website)**

The screenshot shows a Microsoft Internet Explorer browser window displaying the SAM Rheinland-Pfalz website. The page title is "SAM Rheinland-Pfalz - Windows Internet Explorer". The main content area is titled "SONDERABFALLPROBLEME ZU SAMMEN LÖSEN". On the left, there is a sidebar with links for "STARTSEITE", "AKTUELLES", "ÜBER UNS", "NATIONAL", "INTERNATIONAL", "ANLAGEN" (which is highlighted in red), "BIO BIODENBEHANDLUNG", "CBP", "SONDERABFALLVERBRENNUNG", "HAUSMÜLLVERBRENNUNG", "SPEZIALANLAGEN", "ZWISCHENLAGER", "ASBEST", "STRASSENAUFRUCHT", "E-SCHROTT", "ALTHOLZ", "RECHTSGRUNDLAGEN", and "PUBLIKATIONEN". The main content area displays a table titled "ALLE ANLAGEN" with the following data:

Firma	Strasse/Nr.	PLZ/Ort	Telefon
BBA Saarburg	Industriestraße 8	54430 Saarburg	0681 / 916-
Gest Recycling GmbH	Branchenstraße 8	67433 Neustadt	06323 / 944-
IEL Umwelt und Biotechnik GmbH	Kaisersoelthdamm 19	67065 Ludwigshafen	0621 / 5610-
IMA Sanierungszentren GmbH & Co. KG	Wörthstraße 1	76726 Gemmersheim	07274 / 707-
Raiffeisen-Waren-Zentrale eG	Am Sitz	56729 Monreal	02651 / 988-

To the right of the table, there is a sidebar with sections for "NEUSTE MELDUNGEN", "LINK-SAMMLUNG", and "SIE ÜBER UNS". The "NEUSTE MELDUNGEN" section contains two bullet points: "Ab November keine Nachbearbeitung mehr benötigung von Papier-Entsorgungsnachweisen wird eingesetzt Mehr" and "Nachweisführung bei Entsorgung durch d.R.E. oder Drittbeauftragte Information an öffentlich-rechtliche Entsorgungsanbieter und Drittbeauftragte hinsichtlich der Metr".

6.4.8. To ensure that all above legal and other requirements for identification, characterization, tendering, transportation, and disposal off site are met, the USAG funds and uses one or more external services to accomplish the task. While the USAG can utilize external sources to remove, transport, and dispose of the wastes, the DOD generator is held accountable. As discussed above, underlying the DoD generator are the units and activities that actually generate the waste during one or more process(es). All generating units/activities are responsible for the proper management of hazardous wastes and can be held liable under Host Nation laws or the UCMJ in case of non-compliance. In order to meet the above requirements, the USAG is mandated by U.S. and HN to identify all the hazardous waste generating units and activities, establish an internal audit trail to track hazardous wastes cradle to grave, prior to initiating and entering into the official disposal path (tendering) for off-site shipment. Additional details are provided in Sections II and III.

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**7. Preparedness and Prevention:**

Organization and activities that generate, treat, store, or dispose of hazardous waste must be managed and operated in a way that is protective of human health and that minimizes the possibility of a fire, explosion, or release of hazardous waste into the environment. There are two preparedness and prevention requirements:

7.1. Generating activities must maintain spill and emergency equipment on-site to facilitate remediation efforts and to protect human health. This equipment includes, but is not limited to fire extinguishers and spill cleanup up kits.

7.2. Equipment must be inspected periodically. Fire extinguishers must be serviced by the Fire Department on an annual basis.

**8. Transportation Requirements**

8.1. All transportation of hazardous wastes must comply with the AER 55-4 and 55-50 and ADR.

8.2. On-post shipment shall at a minimum comply with the small quantity transport requirements as noted in AER 55-4.

8.3. Off-post shipment, shall be conducted by authorized and certified transporters and/or disposers only, and is usually part of the service agreement or contract.

8.4. Questions regarding the transportation of hazardous cargo can be directed to the USAG Director of Logistics or the USAREUR Dangerous Goods Advisor (insert addresses and telephone numbers).

**NOTE: The Environmental Division is not funded for and does not provide transportation labels for packaging or placards for vehicles, required for shipping of hazardous cargo.**

**9. Hazardous Wastes Streams Generated at the USAG**

At Appendix D-2 is a listing and a comparison chart of hazardous waste streams by European Waste Key Code that were generated on the installation in Calendar Years 2011, regardless if disposed or recycled, generator, or service provider. The list and/or quantities are not all conclusive since the Environmental Division is not supplied with all data of HW shipped off site.

**10. Treatment or Disposal of HW:**

10.1. USAG Baumholder does not own or operate a disposal facility and land filling is not authorized. We do have permits to tentatively store and treat hazardous waste on-site. Permitted operations are:

10.1.1. The HWSF, Bldg. 8468, permitted to intermittently store hazardous waste in preparation/consolidation for off-site shipment and disposal.

10.1.2. The soil retention basin, near Bldg. 8473, permitted to intermittently store POL contaminated soil. The soil is analyzed on a regular basis, and re-used when contamination has dropped below a given level and approved by HN authorized for re-use.

10.1.3. The Verbandsgemeinde Baumholder (City Municipality) is responsible for removal and disposal of POL separator sludge. It is not stored at the garrison.

10.2. Options are constantly sought for additional tentative storage and treatment opportunities of hazardous wastes prior to final disposal.

**11. Hazardous Minimization (HAZMIN)**

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11.1. All members of the USAG are responsible for reducing hazardous waste generations. Minimization opportunities are sought in all areas of operations, function, and processes, USAG wide. As stated in 5.9.2.15 above, the USAG, under the umbrella of the EMS is held to recording any environmental improvements targeted for completion using the locally generated form at Appendix F. If your unit or activity implements any HAZMIN efforts, reducing the volume or toxicity or changing a process that reduces the generation of hazardous wastes or related costs, please use the form and record the progress. Forward the completed form to the Environmental Division for integration into our USAG EMS and become part of the EMS program to help strive towards sustaining the environment.

11.2. Methods for reduction, on a daily or regular basis can be accomplished by applying one or more of the categories below. Detailed suggestions are provided in Section II and III respectively.

- a. Toxicity Reduction
- b. Process and Equipment Modifications
- c. Volume Reduction
- d. Input Material Changes

## **SECTION II**

### *Recurring Hazardous Wastes and Direct Removal Contract*

#### **12. Roles and Responsibilities**

##### **12.1. Unit Commanders/Activity Directors, including Tenants**

12.1.1. Ensure primary and alternate EOs are appointed in writing, resourced, receive command support, have the respective authority to execute, and are afforded the time to meet the requirements annotated as applicable. Refer to Chapter 20, paragraph 20.2 for detailed information. Changes/new designations must be reported to the Environmental Division as soon as possible.

12.1.2. Tenant activities (i.e. AAFES) that do not utilize the HWSF for disposal, must budget for, fund their direct removal services and track their disposal and records.

##### **12.2. Environmental Officers (EOs) at all levels**

12.2.1. Based on HW generating locations identified, designate a HWAP manager, unless an EO is appointed at that location who will execute the roles and responsibilities as annotated in 12.4. below.

12.2.2. Maintain oversight of the generation, handling, collection, and storage of hazardous wastes (HW) in unit/activity Hazardous Waste Accumulation Points (HWAPs).

12.2.3. Ensure spill cleanup supplies are requisitioned and emergency equipment is available and functions at all locations where HW are generated, handled, and collected.

12.2.4. Inspect or ensure weekly internal compliance inspections of Hazardous Waste Accumulation Points (HWAP) as annotated in 20.3. below. Implement corrective actions and records results.

12.2.5. Review annually current processes and waste generations or identify new processes or locations/facilities generating HW. Report any changes to the ED.

12.2.6. Ensure all hazardous wastes are identified and characterized for each waste stream and each HWAP prior to turning into the HWSF or DRMO, respectively, prior to turning in/disposing. This shall be accomplished by using DRMS form 1930, Hazardous Waste Profile Sheet (HWPS). Refer to paragraph 20.4.1. for detailed information.

12.2.7. Provide unit/activity internal training in accordance with Chapter 18.

12.2.8. Develop and implement unit/activity internal SOPs to establish internal control.

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**12.3. Managers/coordinators of HWAP**

- 12.3.1. Designate an Alternate HWAP coordinator.
- 12.3.2. Attend and complete all mandatory training coordinated by the unit/activity EO.
- 12.3.3. Identify segregate, accumulate, and label the HWAP, work areas, and containers in accordance with Chapter 15 and 16.
- 12.3.4. Develop and implement internal unit/activity specific SOP(s) defining HW management practices in accordance with this plan.

**12.4. Director of Logistics**

- 12.4.1. Has oversight of the Garrison's Supply Services Support Center.
- 12.4.2. Develop, execute, and implement an HMMP to strive towards improved HM management.
- 12.4.3. Develop internal and external SOPs as necessary.

**12.5. Supply Services Activity**

- 12.5.1. Plan, manage, coordinate, and execute to perform the requisition, receipt, storage, issues, shipment, and reutilization/re-distribution of the unit's Supply Classes except V (ammunition) and (VIII medical items). For the purpose of this plan/program, the primary focus lies on the Class III products.
- 12.5.2. Execute Compressed Gas Cylinder Issue and Return System IAW their External SOP.
- 12.5.3. Tracks HW cradle to grave, when receiving HW from generating units as a recoverable item, and turn-in/issue on a one for one basis. Example applies to HW such as lithium batteries, which are transported to Kaiserslautern.
- 12.5.4. Ensure transportation of hazardous cargo is in compliance with Section I, paragraph 8.

**12.6. Safety Division**

- 12.6.1. Makes recommendations for HM product substitutions that are safer and less hazardous. This may be done in a combined effort with the Director of Logistics and the Environmental Division.
- 12.6.2. Assistance HW generating units and activities in respect to safety, health, and accident prevention in respect to work place related hazards.

**12.7. Directorate of Public Works**

- 12.7.1. Director
  - 12.7.1.1. Acts as a liaison between the DPW ED and the Garrison Commander.
  - 12.7.1.2. Ensure that HW management requirements and/or issues are communicated to higher level echelon for information or corrective actions, as required.
  - 12.7.1.3. Responsible to ensure that the Environmental Division/HWSF is informed of special events and time frames/dates, i.e. Spring/ Fall Cleanup, deployment/redeployment actions, in the USAG which will impact personnel and equipment availability by the HWSF personnel in order to provide seamless services.
- 12.7.2. Environmental Division

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12.7.2.1. Execute responsibilities as outlined in all Sections of the plan.

12.7.2.2. Identify and manage HW disposal and HWSF operational funds and programs future waste disposal requirements, for hazardous wastes collected and stored at the HWSF.

12.7.2.3. Maintains Hazardous Waste Storage Facility Permit and ensures operational compliance in accordance with host nation regulations.

12.7.2.4. Ensure that medical examinations for the HWSF manager and operator are received as required.

12.7.2.5. Develop internal and external SOPs as required.

12.7.2.6. Hazardous Waste Storage Facility Manager

12.7.2.6.1. Initiate and ensure availability of funding for hazardous waste disposal prior to initiating any removals or committing hazardous waste disposal funds using DD Form 1348-1a.

12.7.2.6.2. Forward a HW inventory of HW stored at the HWSF to the USAG Baumholder Fire Department on a quarterly basis.

12.7.2.6.3. Initiate, coordinate, and conduct administrative requirements for the HW disposed through the USAG HWSF and the DRMO, Kaiserslautern.

12.7.2.6.4. Provide, upon request, 8 hr environmental awareness training to HW generating units/activities.

12.7.2.6.5. In coordination with the Safety Division, develop and make available, via web or hard copy, HW related operating instructions, in German and English to units and activities.

12.7.2.6.6. Ensure that information pertaining to new HW policies and procedures is communicated to all EOs via EO quarterly meetings, e-mail, and/or web-based.

12.7.2.6.7. Assists generators with identifying and characterizing their HW and assist completing the HWPS.

12.7.2.6.8. Develop, implement, and/or update internal SOPs establishing and maintaining an internal operational control of processes.

12.7.2.6.9. Based on HWPS received from generating unit/activities, develop and submit to DRMO annually, consolidated HWPS or a "no change memorandum" for each waste stream collected at the HWSF required to be removed and disposed by the contractor. Refer to paragraph 14.2. for details.

12.7.2.6.10. Based on USAG wide identifications of HW via HWPS, examine if proof of conformity documents are in place to ensure that HW can be removed by the HW Direct Removal contractor when required.

12.7.2.6.11. As part of the HAZMIN initiative, research and adopt, if feasible, receiving hazardous wastes, such as toners and foam spray cans, however, utilizing an alternative disposal/recycling route such as vendors with a free return and pickup system. Refer to Chapter 19 for additional information.

12.7.2.6.12. Assist and advise designated MILREP personnel, when signing proof of conformity documentation and shipping manifests for the GC, in accessing the web-based account and advise on correctness of documents required to be signed, electronically and/or hard copy.

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12.7.2.6.13. Ensure HWSF manager and operator annually complete the Environmental Officer refresher training (8 hr).

12.7.2.6.14. Ensure HWSF operator receives the annual verbal instructions as outlined in Chapter 18.

12.7.2.6.15. Ensures that HWSF Operator's hazardous cargo license remain up to date and valid.

12.7.2.6.16. Report major facility or equipment deficiencies respectively, to the DPW Work Order section or C/ED, for corrective action.

12.7.2.6.17. Report major non-conformity issues by generating activities to the next level EO. If no resolution is sought forward to the C/ED for elevation.

12.7.2.6.18. Receive medical examinations as required.

12.7.2.7. HWSF Operator

12.7.2.7.1. Provides small quantity collection containers for the collection of common HW to the HWAPs.

12.7.2.7.2. Collect/receive HW from units, activities, and housing occupants at the HWSF.

12.7.2.7.3. Ensure HW received co-incide with the HWPS submitted by the generating activity. HW will not be received unless a HWPS has been provided (not applicable to HW from households).

12.7.2.7.4. Ensure HW received is segregated in accordance with HW Disposal contract line items, however, also ensure segregation and the use of certain line items is done by utilizing the least expensive CLIN, where permissible. Example is POL contaminated empty metal cans N2600, should be disposed as POL contaminated solids N2190, since CLIN N2190 is less expensive than N2600.

12.7.2.7.5. Issue turn-in document to the generating activity from which the HW was received either immediately or NLT than during the following turn-in or pickup.

12.7.2.7.6. Conduct proper segregation, storage, labeling, and over-packing of HW at the HWSF.

12.7.2.7.7. Initiate DD Form 1348-1a and process to DRMO for HW removal/disposal.

12.7.2.7.8. Maintain an audit trail of HW from point of generation to disposal for the HW turned into the HWSF, thus tracking in the internal database and HMMS. This includes, but is not limited to, the HW stream, quantity, the generating activity, the POC, building number, and the bulk container at the HWSF the HW was placed in. Once shipped off site, it includes, but is not limited to the shipping manifest information, delivery order, contract information, and container received/shipped listing.

12.7.2.7.9. Ensures that HW generated by the installation is weighed prior to shipping off site for disposal as well as those containers received empty as replacements for the full ones being shipped.

12.7.2.7.10. Ensure operating instructions applicable to the HW stored at the HWSF are visibly posted and complied with. See additional information in paragraph 20.15.

12.7.2.7.11. Ensure self inspections are executed and recorded and that emergency equipment, i.e. fire extinguishers, eye wash stations, spill cleanup kits/equipment, is tested regularly and functional. See paragraph 20.13 for appropriate checklists and additional information.

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12.7.2.7.12. Maintains the HWSF in a clean and orderly fashion.

12.7.2.7.13. Ensures that all emergency and safety labels, signs, symbols, and the official leaflet when storing water endangering substances are posted, and container labels are affixed and legible in accordance with Chapter 15 and 16 below.

12.7.2.7.14. Attends refresher hazardous cargo training and maintain license valid.

12.7.2.7.15. Receive medical examinations as required.

12.7.2.7.16. Report underground and above ground storage tank deficiencies to the O&M Division or the HWSF manager.

12.7.2.7.17. Reports to the HWSF manager or initiates actions required to correct facility or equipment deficiencies.

12.7.3. Operations and Maintenance Division

12.7.3.1. Pay special attention to the Asbestos Management Plan, in respect to the medical examinations required, training, and disposal of the hazardous waste generated.

12.7.3.2. Exercise HAZMIN opportunities by all shops, in particular when procuring new products (DPW Supply Division), or as otherwise noted in Chapter 19.

12.7.3.3. Inform the HWSF, in advance, when larger amounts than usual, of Hazardous Wastes are expected to be accrued during in-house work to ensure sufficient bulk container availability at the HWSF.

12.7.3.4. Provide flyer, located at Appendix K-4, to personnel when issuing self help materials.

12.7.3.5. Is responsible for tank management at USAG Baumholder. This includes maintaining an inventory of all underground storage tanks (USTs) and above ground storage tanks (ASTs)

12.7.3.6. Initiating regulated TÜV inspections for all tanks, maintain inspection records.

12.7.3.7. Conducting or initiating regular maintenance and repair of tanks, including leak detection and overfill protection systems and alarm systems.

12.7.3.8. Ensuring deficiencies identified in TÜV inspections as well as internal and external environmental performance assessments are resolved in a timely manner.

12.7.3.9. Contact the HWSF personnel for pumping of UST or AST containing HW, such as used oils and spent antifreeze.

12.7.3.10. Upon request by the ED or unit/activity personnel, remove free-flowing liquids from secondary containments in the HWAP.

12.7.3.11. Collecting household hazardous waste as per published schedule. Pickup or empty battery boxes at multiple locations throughout the USAG. Coordinate turn-in with the HWSF.

12.7.3.12. Report environmental non-compliance or illegal disposal of hazardous wastes in solid waste containers, to the Environmental Division for corrective action.

**12.8. Facility Personnel/ Soldiers**

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12.8.1. Facility personnel conduct daily operations involving hazardous wastes in accordance with this plan and unit/activity directed procedures.

12.8.2. Remove HW generated during normal duty hours from the shop to the HWAP at the end of the work shift.

12.8.3. Assist the HWAP coordinator in maintaining the points of generation and HWAP. This includes segregating different waste streams as directed, handling containers in a safe manner, and avoiding spills.

12.8.4. Ensure all HW is managed and disposed of in accordance with this plan.

12.8.5. Report instances of non-compliance to the EO within 24-hours.

12.8.6. Minimize the generation of HW.

12.8.7. Ensure waste containers remain closed except when adding or removing waste.

12.8.8. Attend all unit/activity directed HW related training.

**12.9. Government Housing Occupants**

12.9.1. Segregate HW produced in households and dispose at offered locations (HWSF, HW collection in housing areas). A schedule of household hazardous waste pickups is distributed to each household on a regular basis and is posted on the Baumholder web site. Refer to Appendix K-3 and 4 for additional information.

12.9.2. Report instances of non-compliance to the Stairwell, Building or Area Coordinator within 24-hours, who in turn reports to the Housing Division NCOIC.

12.9.3. Minimize the generation of HW.

**12.10. Housing Division/NCOIC**

12.10.1. Ensure Housing Occupants are provided with the flyer at Appendix K-3.

12.10.2. Resolve instances of non-compliance with respective coordinators and occupants, if necessary.

**12.11. Directorate of Emergency Services, Fire Department**

12.11.1. Ensure that training is provided for firefighter personnel to maintain proficiency in responding to HW incidents.

12.11.2. Serve as the Incident On-Scene Commander (IOSC) for all responses to hazardous substances incidents.

12.11.3. Manage the Installation Response Team (IRT).

12.11.4. Assist in training activity/unit personnel. Generally this occurs during the annual exercise conducted in the USAG.

**12.12. Medical Waste Management (Personnel)**

12.12.1. Ensure that Regulated Medical Waste (RMW) is identified and managed according to the policies and procedures provided in MEDCOM Reg 40-35.

12.12.2. Arrange for, and supervise the collection, storage, transportation, and disposal of RMW, and the training of personnel in RMW management procedures within the AMEDD organization.

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12.12.3. When receiving medical/biological waste from units or other generating activities, i.e. vet clinic, establish an internal “cradle to grave” tracking system/log. The format and method is optional, however, it must record the date, the waste type, the quantity, and the destination container if consolidated. In conjunction, see paragraph 13.2.2. as well.

12.12.4. Designate an Environmental Officer for HW or Medical Waste Officer for RMW (can be the same individual) as noted in 5.3.3 above.

12.12.5. Execute the roles and responsibilities of an EO as noted in paragraphs 5.4 and 12.3.

12.12.6. Establish and use management controls and periodic inspections to ensure compliance with the policies and procedures provided in MEDCOM Reg 40-35 and this plan.

12.12.7. Segregate RMW from general waste and HW at its point of origin.

12.12.8. Ensure that items designated as RMW are placed into approved RMW containers.

12.12.9. Store RMW in designated RMW storage areas. Mark the entrance to the main storage area with the universal biohazard symbol. The symbol is reflected in Appendix M-1, Figure 2.

12.12.10. Arrange for RMW to be removed by a licensed/permited RMW waste disposal contractor.

12.12.11. Monitor the contractor and maintain proof of conformity documents and records to verify all RMW shipped off the Garrison is properly treated and disposed.

12.12.12. Forward a copy of the records, electronically or hard copy, to the ED for tracking and consolidation into a USAG HW inventory.

**12.13. Joint Multinational Training Command**

12.13.1. Ensure compliance with Section I and II of this plan.

12.13.2. Special attention will be given to the turn-in requirements of shooting range matting. In addition to the documents required for turn-in to the HWSF, the AEDA inert residue certification (memorandum) at Appendix O-1, shall be provided prior to or during turn-in of the hazardous waste to the HWSF. This certification is required with each shipment/turn-in, unlike the HWPS which is valid for one year.

12.13.3. A copy of the disposal documentation received on the date of removal from the HWSF, shall be provided by the HWSF manager to the generating activity, no later than 3 working days after removal.

**12.14. Defense Reutilization and Marketing Office (DRMO) and their Contracting officers representatives (CORs)**

12.14.1. Initiate, based on USAG Baumholder requirements, data input and provision of funds, hazardous waste direct removal contract services. The Scope of services for the current contract is not attached, however, a copy is available at the HWSF. Contract lines items available under the current contract are at Appendix P.

12.14.2. Oversee contract(s) as required. Operates under guidelines promulgated by the Defense Logistics Agency and DOD.

12.14.3. Determines marketability of all DOD owned HW for proper sale, reuse, or disposal.

12.14.4. Initiate, process, coordinate, and oversee HW disposal contracts.

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12.14.5. Ensures the service provider is in possession of all documentation, operational permits/certifications, proof of conformity for disposal, transportation, and shipping documents, prior to proceeding with a pickup/removal from the USAG.

12.14.6. Seek resolutions when conflicts arise between the service provider and the generator.

12.14.7. Report non compliances by generator or contractor to the ED and their higher headquarters.

12.14.8. Follow up on non compliances by generator(s) and/or contractor(s).

12.14.9. If and when applicable, issue instructions regarding HW turn-ins, disposal, or related to the ED.

### **13. Hazardous Waste Turn-In Guidance and Procedures**

#### **13.1. HW Categories (accepted for Turn-In)**

Potential hazardous wastes for turn-in consist of the following three categories:

13.1.1. HM no longer needed by the unit/activity: These materials consist of new products that have not exceeded their expiration date for use. These materials should be turned into SSA (Bldg. #8351). If materials cannot be turned into the SSA, contact DOL for additional guidance. In some cases, it may be possible to redistribute these materials under the HMMP.

13.1.2. HM with expired shelf life: These materials consist of new unopened products that have exceeded the expiration date for use. It is assumed that these containers are free of rust and are in good condition. The unit/activity S-4/supply section can refer to Department of Defense, Shelf-Life Program (<https://www.shelflife.hq.dla.mil/login.aspx?ReturnUrl=%2fsecured%2fDefault.aspx>) to determine if the expiration date has been extended, mark all effected containers appropriately. One must register to gain access to this site.

13.1.3. All substances classified as HW: All substances classified as HW shall be turned into the HWSF following the procedures listed in this chapter. The HWSF is designed to receive, process and dispose of all HW generated on USAG Baumholder.

#### **13.2. Items not accepted for Turn-In**

13.2.1. Radioactive Wastes. Contact the Garrison Safety Office for guidance and assistance at 485-1670 or the Storage Activity Kaiserslautern, at DSN 483-7184.

13.2.2. Biological Wastes (from human or animal health care). Detailed information can be obtained from the Medical Facilities' Standard Operating Procedures and the Medical Waste Management Plan, however, the following points have been addressed in this plan, since they pertain to the cradle to grave tracking and the USAG Hazardous Waste (total generation) reporting requirements:

13.2.2.1 Units' First Aid Stations, must turn in their biological wastes to the Health Clinic, since they do not ship directly off-site for legal disposal. Ensure documentation "cradle to grave" tracking is established between the two parties, for proof of turn-in by generator and acceptance by Health Clinic. The documentation is an inspectable item.

13.2.2.2 Health, Dental, and Vet Clinics shall maintain records of the Advance and Disposition Control documentation. Forward/fax a copy of the shipping manifest, quarterly, to the HWSF Manager for consolidation of annual reporting.

13.2.2.3 Animal carcasses are a special waste and also require cradle to grave tracking and record keeping as proof of legal disposal.

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13.2.3. Serviceable or incorrectly demilitarized NBC equipment: The HWSF can only take demilitarized and unserviceable equipment/items. Refer to Appendix D-3 and 4 for more details on NBC equipment.

## 14. Hazardous Waste Identification and Characterization

### 14.1. Hazardous Waste Identification Requirement

In order to comply with the identification and characterization requirements prior to entering into the disposal path for final off site shipment/disposal, each generating unit and activity must complete their own identification process to the HWSF or DRMO, for planning and funding purposes and meeting U.S. and HN legal requirements.

### 14.2. Unit/Activity Waste Identification and Characterization Responsibilities

14.2.1. Generating units/activities shall identify their hazardous wastes generated during routine operations, functions, and services.

14.2.2. Waste stream source types 14.2.3.1. through 14.2.3.9. below do not require analyses, since the constituents and characteristics of these wastes are known based on user knowledge of the processes that generate them and/or prior analytical sampling results.

14.2.3. If an unknown or new waste stream, see 14.2.3.9. below, is encountered, knowledge of the process or source of the waste is used to determine what characterization parameters to analyze for. If no information is available for a waste from an unknown source, the waste must be sampled and analyzed, using a laboratory to determine hazardous constituents. The DRMO Direct Removal Contract provides a contract line item for sampling and analysis for liquids and for solids.

14.2.3.1. **Outdated Virgin Material:** Unused material whose shelf-life has expired and which is readily identifiable from packing or MSDS.

14.2.3.2. **Nonspent, No Longer Needed:** Unused material that is not needed for future use in the process.

14.2.3.3. **Nonspent, Leaking:** Unused material that has leaked from its container due to time, exposure, or accidental damage.

14.2.3.4. **Container Residuals:** Materials left in a container after emptying or material rinsed from an empty container.

14.2.3.5. **Spent, Known Contaminant:** Wastes generated through routine processes where both the starting product and the contaminant are known, and no chemical reaction is involved.

14.2.3.6. **Off-Specification Material:** Unused material that does not meet the specification required for the desired process. The deviation from specifications could be due to manufacturing or procurement error, or accidental contamination.

14.2.3.7. **Nonspent Mix or Virgin Materials:** A mixture of two or more unused materials that are not needed for future use at the installation.

14.2.3.8. **Contaminated With Water:** Waste streams generated through routine processes where the starting product is known and the only known contaminant is water.

14.2.3.9. **Waste from unknown or new waste streams** that contain no virgin or non-spent material.

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14.2.4. In conjunction with the list above and the list of HW known and likely to be generated in the USAG, at Appendix D-5, generate a HWPS or "No Change" memorandum. See additional information in paragraph 20.4.1. Assistance will be provided by the HWSF personnel if requested.

14.2.5. The HWSF personnel shall evaluate and consolidate information obtained from HWPS received by generating units/activities, consolidate data to a single HWPS, with respective quantities, characterization, etc. and forward to the DRMO annually.

## 15. Hazardous Waste Containers

### 15.1. Container Provision/Selection

15.1.1. Each generating unit/activity is responsible for maintaining an adequate number of containers and suitable for the collection of routine HW. If collected in containers to be transported and shipped off site, they shall be United Nations (UN) approved containers. Containers, for routinely generated HW, turned into the HWSF, are issued to generating units/activities. Containers provided will either be picked up and a replacement provided one for one, or picked up, emptied, and returned. Containers for non-routine HW will be provided by the HWSF upon request. Waste oils and waste antifreeze are generally collected in underground storage tanks (USTs). A list of USTs, their location, size, and intended hazardous waste contents, can be found in the USAG Spill Prevention and Response Plan.

15.1.2. The following Table 2 identifies the standardized type of collection containers provided by the HWSF or available for the routinely generated waste streams at HWAP. Activities and the HWSF, who ship directly off site are provided with bulk containers by the service provider, which differ in size and looks.

**Table 2 Container Guidance**

Type of Waste	Type of Container
Spent/used/contaminated JP-8	Closed head 55 gal plastic drum
Used Antifreeze	UST, or ASTs, or double walled metal, closed head 1000 liter plastic container or closed head 55 gal plastic drum
Used Brake fluid	Closed head 55 gal plastic drum
Used motor oils	USTs or ASTs or double walled metal, closed head 1000 liter plastic container or closed head 55 gal plastic drum
Used Oil/Fuel Filters	Metal bin, 300 ltr, with lid or open head 60 or 120 l plastic drum
Used Dry Sweep and Rags	Metal bin, 800 ltr
Empty Metal Cans	Metal bin, 800 ltr
Empty Plastic Cans	Metal bin, 800 ltr
Used and nonfunctional Spray Cans/Aerosol (segregated by foam, pesticide, and all others)	Open head plastic drum, 120 ltr with valve
Asbestos/Artificial Mineral containing brake liners (double bagged)	Open head plastic drum, 30 ltr
Spent NiCad (rechargeable batteries)	Open head plastic drum, 30 ltr
Spent Lithium Batteries	Open head plastic drum, 30 ltr
Spent Drycell Batteries	Open head plastic drum, 30 ltr

### 15.2. Container Condition

All containers used for waste accumulation shall be free of defects or deterioration. All containers used to store/hold HW shall be stored and handled in a way that prevents rupturing and leaking and must meet certain requirements. The containers holding HW must be:

15.2.1. **In good condition.** The container must not be leaking, rusted, corroded, dented, or have non-working caps/bungs or other sealing devices. It must not have any bulges, dents in seams/corrugations, or be deteriorated in any other way. If a container leaks or is not in good condition, the contents must be transferred to another

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container that meets all standards, or be placed in an overpack.

**15.2.2. Made of a compatible material.** The container must be made of a material that will not react or deteriorate when in contact with the material or waste. For example, acids cannot be placed in a steel drum because the acid will corrode the drum, causing it to leak.

**15.2.3. Securely closed.** All containers used to store HW must have a cover or lid that closes and seals tightly to prevent spills or the release of fumes. Storing wastes in open containers or buckets, or those that previously contained food items is prohibited. Containers must be closed after every use. Do not overfill. Overfilled containers cannot be transported.

### **15.3. General Container Use and Management**

15.3.1. Drums that are 85 gallon or larger are designated as overpack containers for leaking drums and are not for general use.

15.3.2. Drums, 55 gallons or larger shall not be used for collecting contaminated drysweep/absorbent.

15.3.3. Drip pans are not authorized to be used for the collection/storage of hazardous wastes, other than under the vehicles for their intended purpose.

15.3.4. A container will not be opened, handled, or stored in a manner that may cause it to leak.

15.3.5. Containers used for storing waste will not be overfilled. At least four (4) inches of head-space will be left to allow for expansion/contraction due to temperature fluctuations.

15.3.6. Containers used for storing liquid hazardous wastes will be stored on secondary containment with sufficient capacity to contain 10% of the volume of all containers or 100% of the volume of the largest container, whichever is greater.

15.3.7. Liquid hazardous wastes shall be collected in closed head drums, solid wastes in open head drums.

15.3.8. Containers and secondary containment must not be exposed to snow, ice, or rain accumulation.

15.3.9. Any amount of spill residue collected in secondary containment equipment must be immediately cleaned, removed, and disposed as hazardous waste.

15.3.10. Each container used to collect or store HW must be labeled IAW paragraph 15.5. below.

15.3.11. Containers must be placed in such a way that markings and labels are clearly visible (facing forward, not obstructed).

15.3.12. Waste containers must remain closed at all times except when adding or removing waste. Funnels must be removed and caps/vents closed after use. A fixed, screwed on funnel may be used if it has a lockable lid that is kept closed.

15.3.13. Containers must be compatible with their intended contents (do not mix hazardous wastes).

15.3.14. Do not allow residue to collect on top of containers or in the outer wall of double walled containers.

### **15.4. Compatibility**

15.4.1. Containers must be compatible with the wastes they contain. Many HWs, when mixed with other waste or materials, can produce effects that are harmful to human health and the environment. Effects can include: (1) heat or pressure, (2) fire or explosion, (3) violent reaction, (4) toxic dust, mists, fumes, or gases, or (5) flammable fumes or gases.

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15.4.2. Incompatible wastes must never be stored in the same container or next to each other. Containers holding wastes that are incompatible with waste stored in nearby containers must be separated or protected from each other by means of a wall, berm, or other device to prevent mixing. Appendix N contains a HW compatibility matrix to assist in making a waste compatibility determination.

15.4.3. Containers that previously contained food or food like items shall not be used to collect or store hazardous wastes.

### **15.5. Labeling and Marking**

15.5.1. Each unit/activity is responsible for ensuring that waste containers are labeled in their designated areas. For containers provided by the HWSF or unit/activity owned containers the HWSF shall provide labels. For containers provided by a contractor (i.e. AAFES, DMWR, and HWSF) the contractor is responsible to provide the label. At a minimum containers must be labeled with the name of their contents, i.e. Used Antifreeze, and the respective orange/black hazard symbol as shown at Appendix M-1, Figure 1.

15.5.2. At Appendix N-3 are examples of HW container labels provided by the Environmental Division (Fig 4) and those by the contractor (Fig 5).

## **16. Hazardous Waste Use, Handling, and Storage Locations**

USAG Baumholder has one HWSF, several HWAPs, host or tenant operated. An inventory of the USAG HWAPs, above and underground storage tanks, are at Appendix K-3 of the Spill Prevention and Response Plan. Some management practices and procedures for each type of site are listed below.

### **16.1. Work areas/shops/sites/facilities**

16.1.1. Daily Operations: Nearly all units/activities generate HW during a work shift. In order to minimize hazards for health and safety and the dangers resulting from incorrect storage of HW, HW shall be moved to the HWAP at the end of every day or respectively, work shift.

16.1.2. Emergency and Alarm Plan: The plan contains technical information, such as telephone numbers, emergency contact names, and brief actions to be taken in an emergency such as a fire, spill, or incident/accidents. They must be posted readily visible by a telephone. This plan is work site/shop specific, by building number, supervisor name and telephone number, etc. and can be obtained from the DPW ED web site. An example is at Appendix C. It is available in English and German.

16.1.3. Operating Instructions: Unit/activity commanders or their supervisors are responsible for developing and posting operating instructions specific to the handling of HW. The instructions inform about the correct handling of the hazardous property as well as the risks and dangers for human health and the environment. They are required to be readily available to all personnel specific to each work site, depend on job hazard analyses identified at each site, and must be in the language of the majority of the work force. They are required to be established and implemented by each responsible supervisor. The instructions can be material/waste specific (i.e. used oil) or hazard class specific (i.e. flammable, corrosive, etc.). An example is at Appendix L. Multiple example instructions, are available for download on the DPW ED web site. Questions regarding operating instructions can be addressed to the USAG Safety Office or the Environmental Division.

### **16.1.4. Signs and Labeling/Marking:**

16.1.4.1. In general all locations, where HM or HW are used, stored, handled, or disposed, the signs/symbols in 16.1.4.3 below are required to be posted. In the past, especially during inspections, the terminology of work "areas", shops, facilities, sites, containers, or alike have caused much confusion. In the attempt to clarify subject matter and to prevent the development of an excessive amount of signs and labels to be purchased or printed, we have attempted to establish a potential standard for the USAG. Hopefully this standard and its implementation will preclude

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repeat negative findings during inspections and provide a better understanding on what needs to be labeled how, where, and when.

16.1.4.2. When generating, collecting and or storing HW, the following emergency and safety symbols, signs, and the Official Leaflet (for water endangering substances), are required to be posted at work area, shops, facilities, sites, connexes, etc.

- Warning Symbols () see Appendix P-1, Figure 2.
- Forbidden Signs () see Appendix P-1, Figure 3.
- Mandatory Signs () see Appendix P-1, Figure 4.
- Additionally, if storing hazardous and water endangering liquids, the “official leaflet” (Merkblatt) shall be posted. Refer to Appendix M-2.
  - Identify a HW storage location, that physically contains the HW with a sign “Hazardous Waste Accumulation Point”.

16.1.4.3. A work area is generally defined by a job hazard or risk management analysis IAW HN laws. The following are the 3 most common situations given in the USAG. Refer to Appendix M-4 for pictorial examples of the 3 type of “work areas” and the signage/marking/labeling recommended.

- *Work Area 1:* A secured (fenced in) area, with a gate, where several workshops/sites/facilities are co-located, all using HM or generating HW.
- *Work Area 2:* A secured (fenced in) area, with a gate, where some, but not all, workshops/sites/facilities, use, handle, or store HM or generate HW, but they are co-located with facilities, i.e. schools, administrative, shopping, etc. type facilities that do not handle either HM or HW.
- *Work Area 3:* A non-secured (non-fenced in) area, accessible to the general public, where one or more shop(s) manage HM or generate HW.

16.1.4.4. Signs/labels can be made by the DPW paint shop. Contact the ED, at 485-6146 for assistance for obtaining signs and labels.

16.1.4.5. For guidance on posting of additional emergency, safety and health signs, not related to HW management contact the USAG Safety Office, at 485-1670.

## 16.2. Hazardous Waste Accumulation Points (HWAP)

16.2.1. The HWAP is designed to store limited amounts of HW at or near the point of waste generation for a limited time period and shall be constructed to include a secondary containment system and be protected against inclement weather. Secondary containment can retain the entire volume of the storage container (in case of multiple containers, secondary containment shall retain the volume of the largest container, but at least 10% of the total storage volume).

16.2.2. In addition to the container use and management noted above, the following requirements apply to each HWAP:

- 16.2.2.1. Must be located at or near the point of generation where the waste initially accumulates.
- 16.2.2.2. Must be under the direct control of the waste generator, i.e. HWAP Manager.
- 16.2.2.3. Must be labeled with warning sign showing the hazards of the wastes being accumulated.
- 16.2.2.4. When storing flammable HW post “No smoking” signs.
- 16.2.2.5. When storing liquid hazardous waste, post the leaflet for safe handling of water endangering substances.

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16.2.2.6. If more than one waste stream is collected at a HWAP, the generator must ensure appropriate segregation. Do not mix HW.

16.2.2.7. Units/activities must have spill response material at every location where HW is stored. At a minimum 50 lbs or 25 Kg of drysweep/absorbent or spill cleanup kits must be readily available. Stock Numbers are provided in AER 55-4, drysweep can be purchased at the USAG Supply Support Service Center, Bldg. 8716.

16.2.2.8. Small spills (less than 5 gallons) must be cleaned up immediately by responsible unit or activity. Refer to the Spill Prevention and Control Plan for detailed information regarding larger spills and reporting.

16.2.2.9. All dispensing containers of ignitable material or containers of ignitable waste must be grounded.

16.2.2.10. Fire extinguishers must be readily accessible and be inspected each year by the Fire Department. **DO NOT** place Fire Extinguishers inside the accumulation connex or cage. In case of a fire, one cannot access the extinguisher.

16.2.2.11. All personnel generating, storing, disposing, and handling HW and/or managing a HWAP must be trained. See Chapter 18 for training requirements.

16.2.2.12. **DO NOT** accumulate more than the collection containers provided by the HWSF or contractor.

16.2.2.13. When a waste accumulation container is filled, the waste must be turned in to the HWSF (Bldg #8468 or call DSN: 485-6858) within five 5 working days. Coordinate for a pickup/removal when the container is  $\frac{3}{4}$  full.

16.2.2.14. Only HW is allowed to be stored at a HWAP. Do not store any other types of hazardous or non-hazardous materials, or wastes.

16.2.2.15. HWAPs must be inspected weekly in accordance with 16.5 below.

16.2.2.16. When turning in HW ensure proof of turn-in documentation is maintained/filed. See paragraph 20.6.1. below.

### **16.3. Compressed Gas Cylinders**

16.3.1. Will not be stored together with other HW in the HWAP.

16.3.2. Store CGC in an upright position at all times.

16.3.3. Cylinders shall be stored upright and prevented from falling, if necessary they must be chained or strapped.

16.3.4. Mark cylinders with a tag FULL or EMPTY, both will be handled alike, regardless.

16.3.5. Cylinders, when not in use must be capped.

16.3.6. Cylinders must be readily identifiable for name of gas or trade name, i.e. transportation label and/or stenciled in big black letters. European color codes do not coincide with U.S. Army color code standards, which presents an enormous potential safety, health and potential environmental issue for all personnel handling, storing, or disposing. Refer to Appendix R-3 for storage, labeling, color coding, and some additional information.

16.3.7. Cylinders for disposal **will not** be mutilated or tops sawed off and disposed as scrap metal. They must either be returned to the vendor (if contracted for supply or refilling) or disposed as hazardous waste to the HWSF.

### **16.4. Hazardous Waste Storage Facility (HWSF)**

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The USAG operates one HWSF, which is managed by the ED. All requirements noted under the HWAP are applicable to the HWSF as well, with the exception of the quantities and time limit authorized for storage. The following requirements shall be met in lieu of and in addition:

16.4.1. The HWSF shall not store more than 200 t per year and storage per container of a single wastes stream shall not exceed 12 months (1 year).

16.4.2. Aisle space around each container should be at least three feet to allow unobstructed movement of personnel or the use of fire protection, spill control and decontamination equipment, if possible.

16.4.3. The HWSF must be equipped with a communications or alarm system capable of providing emergency instructions (voice or signal); a telephone or two-way radio; fire extinguishers, and fire and spill control equipment; and water at adequate volume and pressure or foam producing equipment.

16.4.4. Test eye wash stations on a weekly basis.

16.4.5. Fire extinguishers shall be tested on an annual basis.

16.4.6. Above ground storage tanks shall be checked on a daily basis for leaks.

16.4.7. The HWSF must be secured to prevent unauthorized access.

16.4.8. The area must be accessible from two entrance ways.

16.4.9. Have a two-way communication system.

16.4.10. Conduct self-inspections as noted in paragraph 20.13.

## **16.5. Inspections**

16.5.1. Units/activities shall inspect their HWAP on a weekly basis using the checklist as directed in paragraph 20.13. below. The self-inspection shall be conducted by a competent individual (e.g. EO, HWAP Manager) and must be recorded.

16.5.2. The unit/activity HW management program and HWAP is inspected on an annual basis (IPAS) by the Environmental Division and an external EPAS every three years.

## **16.6. Deployment - Closure of HWAPs**

16.6.1. The ED will conduct onsite walkthroughs and consultations to assist units with motor pool closure prior to deployment, referred to as "Deployment Closeout."

16.6.2. All HWAP wastes will be turned in prior to deployment. Spill kits will be stored in the motor pool. The ED will retain a key and maintain access to all HWAPs on USAG Baumholder.

16.6.3. If a rear element occupies an area vacated by a deployed unit and undertakes any activity involving HW, that rear element will be subject to all established waste management procedures and requirements on USAG Baumholder.

## **16.7. Re-deployment – Starting a HWAPs**

16.7.1. Unit Commanders shall appoint a primary and alternate EOs in accordance with paragraph 12.2. above and meet training requirements as noted in Chapter 18.

16.7.2. EOs shall execute roles and responsibilities as outlined in 12.3 above, especially the training

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requirements for unit personnel, prior to commencing with their duties when handling, storing, and disposing of HW. Additionally the EO or the designated HWAP manager (see 12.4. above) shall contact the DPW ED or the HWSF as soon as possible, prior to commencing with operations/processes that generate HW. Thus ensuring identification characterization of HW occurs, and provision of storage containers, prior to accruing HW.

**16.8. HW Analysis Plan**

The plan is located at Appendix Q.

**16.9. HWSF Closure Plan**

The plan is located at Appendix R.

**17. Hazardous Waste Turn-In/Shipping**

**17.1. Disposing through the HWSF**

17.1.1. Requires completed Hazardous Waste Profile Sheets (HWPS) prior to or at the latest, during a turn-in or pickup. Refer to paragraph 14.2. for additional information.

17.1.2. Once units/activities have identified all items for turn-in, they must schedule an appointment with the HWSF for turn in or pick up:

**USAG Baumholder HWSF Bldg. #8468, DSN 485-6858**

**Operating hours are:**

**MON – WED 0800 – 1530**

**THU – CLOSED**

**FRI - 0800 – 1530**

**Closed on U.S. and German Holidays**

17.1.3. Provides the following information when scheduling an appointment:

- ✓ Unit/Activity
- ✓ Point of contact
- ✓ Telephone number
- ✓ Building number (actual location of the HW)
- ✓ Type of waste to be turned in
- ✓ Quantity of waste to be turned in

**17.2. HWSF Picking Up From Generator**

17.2.1. Each container will be inspected by the generating activity to ensure that it is in good condition and suitable for transportation. The container shall have no leaks or accumulation of liquid on the top. If the container has a leak or if it is not in good condition, the container must be overpacked in advance.

17.2.2. Proof of turn-in documentation, cradle-to-grave requirement, will be issued by the HWSF personnel.

**17.3. Generator Delivering to HWSF**

17.3.1. Load and separate items on transport vehicle so that the material can be unloaded quickly and safely.

17.3.2. Make sure that all items are transported in approved containers, secured, and tightly closed.

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17.3.3. Proof of turn-in documentation, cradle-to-grave requirement, will be issued by the HWSF personnel.

17.3.4. The transportation of hazardous wastes will be conducted in a manner that will not endanger the health of installation personnel or the environment.

**17.4. Disposing through DRMO (not using the HWSF)**

17.4.4. Complete, annually, the Hazardous Waste Profile Sheets (HWPS), DRMS Form 1930 and submit to the DRMO directly. See paragraph 14.2. for additional information.

17.4.5. Budget for and fund HW disposal to DRMO, using DD Form 1348-1a. See Appendix I for an example and for assistance contact the DRMO, at DSN 483-6186. An electronic version of the form is available at <https://aepubs.army.mil/ae/public/forms-list.aspx?Form=DD FORM>.

17.4.6. Coordinate with DRMO directly for HW pickups, sign and maintain all related shipping documents.

**18. Training/Education Requirements**

**18.1. Environmental Officers**

EOs must complete basic (32 hour) class room or web-based training within 60 days of appointment/designation in accordance with OPORD 10-18. An 8 hour refresher training is required annually. A copy of the certificate, electronic or hard copy shall be forwarded to the ED. The web-based training is available at the following link in German or English: <http://imcom-e.safetyskills.com/login.aspx>. In English the web-based course is also available at <https://www.attrss.army.mil/attrssc/course.aspx>. Course title is CATC-ECO-100, school number 757, school name 7TH ATC-CATC VILSECK, GE.

**18.2. Soldiers, Workers, and other Employees**

18.2.1. All personnel in assigned units and activities on USAG Baumholder who, because of their job assignment, are required to handle hazardous waste, and those individuals who are designated to supervise activities involving the generation, collection, transportation and turn-in of hazardous waste, shall be trained by the EO, based on a train-the-trainer principal. An initial and annual refresher training (annual verbal instructions) is required.

18.2.2. Personnel may complete the web-based training. Alternatively a training packet is at Appendix K-2. An electronic version is available on the USAG Website for download. Units and activities can adjust the training need and requirements accordingly and at their preference, however, the following topics must be covered:

18.2.2.1. Drum/containers handling/storage.

18.2.2.2. Inspection requirements.

18.2.2.3. HW segregation, respectively disposal.

18.2.2.4. HW characterization/HWPS requirements.

18.2.2.5. Labeling requirements.

18.2.2.6. Spill and contingency plans.

18.2.2.7. Safety measures, emergency procedures, malfunctioning equipment, operating instructions.

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18.2.2.8. Transportation requirements.

18.2.2.9. Recordkeeping requirements.

18.2.3. All training must be recorded. A recommended sign-in/tracking sheet for training purposes is also at Appendix K-1. At a minimum an alternate tracking sheet must contain, the date, a brief description of course material covered, the names and signature of personnel who attended the training.

## 19. Hazardous Waste Minimization (HAZMIN)

**19.1. Below are suggestions for the reduction of recurring hazardous wastes.** The following should be noted though. Reducing the generations is not an authorization to dispose into regular refuse dumpsters. Also, when using products, which are advertised as being biodegradable, non-toxic, or environmentally friendly, it applies to the original material, but not the mixture/waste which was created when used, i.e. parts cleaners, engine degreasers, general purpose cleaners, etc. Thus, the spent materials is still considered a HW, but less toxic and may qualify for a cheaper disposal method or opt itself for recycling versus disposing. Elementary neutralization, as suggested on some Material Safety Data Sheets will not be conducted on the USAG under any circumstances, since this would require testing of the neutralized substance, prior to disposal. A large amount of Materials Safety Data Sheets, provided by U.S. Manufacturers state that the product can be disposed in the regular household type trash. This is not legal in all countries, in particular in Germany. Contact the ED for questions or assistance, prior to disposing.

**19.2. Methods for reduction, on a daily or regular basis can be accomplished by applying one or more of the following suggestion categories:**

19.2.1. Toxicity Reduction.

- Certain shops utilize parts cleaners with solvents used for cleaning parts, i.e. vehicle parts, weapons, or communication equipment parts. Commonly used solvents are considered to be a carcinogen (cancer causing) and a hazard to human health. Substituting a non-carcinogenic solvent or cleaner with a product, containing less or no toxic substances.

- Some top brand Engine Degreasers contain carcinogenic (cancer causing) ingredients. Alternative products are available that contain less or non toxic substances and pose a lesser health or environmental hazard.

- Windshield washer fluid usually contains methanol, which prevents the liquid from freezing in the winter. Though windshield wiper fluids may always still contain some methanol in the future, some products are manufactured so that the product now contains much less than others, and still fulfills the requirements.

- A variety of choices in bright colors and packaging of detergents are available. Which detergents are safest for you, your kids, your clothes and the environment if you're not even sure what you're looking at? Many toxic, allergenic or hazardous chemicals are included in laundry detergents under generic names like "surfactant" or "optical brightener". Look for and purchase products (i.e. GreenSeal) which must meet the following standards:

- Non Corrosive to the Human Body
- Will not cause illness when absorbed or inhaled
- Does not contain 2-butylethanol, alkylphenolethoxylate, phthalates, heavy metals, optical brighteners or ozone-depleting compounds
- Does not contain any ingredient determined by the UN to be mutagenic
- Does not contain any reproductive toxins
- Does not contain any known carcinogens
- Is not combustible
- Does not contain air pollutants
- Must perform as well as a conventional product

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- Maintain Material Safety Data Sheets (MSDSs) for all materials in use, know the hazardous chemical ingredients.

19.2.2. Process and Equipment Modifications/Monitoring: Process and equipment monitoring can help identify material losses and the efficiency of the process. This increases the potential for recycling and reduces the amount of waste requiring the disposal.

- Changing the process to use less raw materials and/or generate less waste. POL and lead contaminated soil on soil retention basin with POL separator. Tested, remains in place, water washes out the soil of contaminants, gets turned periodically, tested again. When sampled and analyzed, determined free of contaminants it is re-used.

• Use of automation which helps to limit inadvertent releases and off-spec product generation. Dental Clinic Photo processing no more fixer and developer.

• Purchasing products for which there is a free of charge return system to customers. The following hazardous wastes are collected at the HWSF and returned free of charge:

- Aerosol cans containing insulating foam with a “PUR” indication on the can, is returned to supplier/manufacturer or servicing agency, free of charge “PUR”.
- Spent toner cartridges are returned to the supplier/manufacturer or servicing agency, free of charge.

19.2.3. Volume Reduction.

• Improved material tracking and inventory practices can reduce the waste resulting from over order- and stocking, and disposal of materials with an expired shelf-life. Examples of these methods include:

- Keeping inventories of hazardous substances for each work place or storage area.
- Exercise First-In-First-Out (FIFO), place new material behind old material, use old material first.
- Monitoring the quantities on waste resulting from expired stock, order less next time.
- Ensuring labeling on all containers remain legible to indicate the name and type of substance, stock number, health hazards, suggestions for handling, and first aid information.
- Stacking containers according to manufacturer's instructions to avoid damaging the containers from improper weight distribution, resulting in bottom cans to bulge, crack, and leak all contents.
- Segregating different hazardous substances to prevent cross-contamination and mixing of incompatible materials, and to facilitate inventory control.
- Storing containers with liquids and solids on secondary containment to prevent corrosion of the containers which can result when containers come in contact with moisture on the floor.
- Resealing cans/drums tightly after each use, to prevent accidental spillage or contamination with items, such as dirt, leaves, other hazardous materials, or water, such as rain water from inclement weather.
- Avoid mixing hazardous and nonhazardous waste. When hazardous and nonhazardous wastes are combined, the resulting mixture is classified as hazardous waste. Thus, by taking measures to ensure that only hazardous wastes are accumulated in a dedicated container, the generation of excessive amounts of waste is precluded.

19.2.4. Input Material/Waste Changes.

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- Material purification involved the purification of input or feed materials in order to avoid the introduction of inerts or impurities into the production process. When impurities are introduced, the production process must eventually be purged in order to prevent undesirable accumulation of the contaminants, thus generating a waste. An example of this method is the use of deionized water for process baths and rinsewater in cleaning operations.
- Standardization of materials or using the minimum number of materials types in your operations. This increases the potential for recycling and reduces the amount and cost of waste requiring disposal.
- Acquiring/receiving free issue items/materials (hazardous). While it is commendable that units and organizations acquire products or items that are of free issue from other USAGs, it has resulted in increased HW disposal in the USAG Baumholder. Products or items are acquired and it is then determined that the product is not suitable or needed for use after-all. Frequently this was the case when it was determined that expired materials were amongst the shipment of serviceable items, some of the items were not functional to begin with, and/or the item is just plain not suitable for use. As a result, the receiving USAG (Baumholder) pays for the hazardous waste disposal, while the issuing USAG saves the same. Please ensure the products meet all requirements and will be utilized prior to receiving/signing for them.

## **20. Reporting and Recordkeeping Requirements**

### **20.1. Reference publication files or access to the same, as outlined in Appendix A.**

### **20.2. Appointment/Designation Orders for Environmental Officers**

Appointment orders must be kept on file by the EO. An example memorandum is at Appendix G-3 and the DPW ED website. Information may be added to the memorandum, however, subject and paragraphs 1 -5, shall be reflected as provided in the example. The original is provided to the designee. A copy is retained by ED for a period of 3 years after termination of employment or intended function.

### **20.3. Delegation/Signature Authority for Advanced and Disposition Control documents**

20.3.1 Designate a military representative to sign the proof of conformity documentation and shipping manifests using DD Form 577 (Appendix G-1) in accordance with the Memorandum (Appendix G-2). The original is provided to the designee. A copy of the record is maintained by the ED for 3 yrs after termination of employment or intended function.

20.3.2 Delegate authorization for the firm/contractors to submit and receive declaration documents as part of the Closed Substance Cycle Waste Management Act and to make related payments of fees or costs, while the liability, especially when payments are not made, remain with the DoD generator. (The payments are obligatory for the designee, since they are part of the contract bid schedule). Example completed form per waste stream is at Appendix E-6 and a courtesy translation provided, when submitting for signature, is at Appendix E-6a. Original shall be forwarded to the designee by the ED. A copy of the records shall be maintained by the ED with the respective Advanced Control document, for the duration of its validity, plus 3 yrs thereafter.

### **20.4. Turn-In Documents**

20.4.1. DRMS Form 1930 Hazardous Waste Profile Sheet (HWPS) or subsequently respective annual “no change memo”. Retain as long as specific waste stream is generated and no new HWPS is created/submitted or received. NOTE: Without a valid HWPS you will not be able to turn in HW to the HWSF or DRMO. A blank HWPS is at Appendix J-1 and an electronic version is available on the DPW ED website. Instructions for completion thereof are at Appendix J-1a, while a completed example is at Appendix J-2, and a No Change Memo is at Appendix J-3.

20.4.2. DD-Form 1348-1A, completed by the HWSF (or AAFES) submitted to the DRMO for each waste stream and for each removal request. Keep on file for at least 3 years from date of removal, but no longer than 6 yrs.

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20.4.3. Upon receipt of the DD Form 1348-1a, DRMO cuts a Delivery Order and forwards, electronically to the requestor/generating activity. Retain on file with the shipping manifest for at least 3 years from date of removal, but no longer than 6 yrs.

**20.5. Proof of Conformity Documentation (Advance and Disposition Control)**

20.5.1. DoD generator owned/signed document (Entsorgungsnachweis): A hard copy shall be retained (usually the ED/HWSF) for the time period that the document is valid (up to 5 years) plus 3 years after, from the date they were last referenced on the shipping document (shipping manifest/Begleitschein).

20.5.2. Contractor owned/signed document (Sammelentsorgungsnachweis): The generating unit/activity shipping directly off site, shall retain a copy of the document for reference and potential reporting requirements. Retention period is as long as the document is valid (up to 5 years), plus 3 yrs, from the date last used during a removal (shipping manifest/Uebernahmeschein).

20.5.3. Examples of completed advance control documents and accompanying shipping documents are at Appendices E-1 through E-5.

**20.6. USAG internal “cradle to grave” tracking/disposition control when utilizing the HWSF**

Generating units/activities who dispose their HW at the HWSF obtain a “proof of turn-in document” reflecting the generator’s information, the waste stream, quantity, and bulk container their waste was placed into. Retain this document for 3 years, from date of turn-in, then destroy. See Appendix S for an example.

**20.7. Hazardous Waste Log**

Units/activities disposing through the HWSF, are not required to maintain the log. This is accomplished by the HWSF. Units/activities disposing/shipping directly to the DRMO or off site, must maintain their own logs.

**20.8. Annual Environmental Quality Report**

The amount of disposed HW must be reported to the environmental quality reporting system to Higher Headquarters on an annual basis. For hazardous wastes leaving the HWSF to be disposed the reporting is performed by personnel of the HWSF.

**20.9. Host Nation Reporting**

20.9.1. Generating activities that ship off-post disposing activities must complete the reporting by themselves, such as FMWR who report directly to the Statistische Landesamt.

20.9.2. Removals of hazardous waste, under the Direct Removal Contracts and Projects are automatically reported under the new electronic reporting system.

**20.10. Training Records**

HWSF Personnel shall track, and retain a copy of the training records, which include but are not limited to certificates of appointed EOs. Unit/activity internal training of all personnel, who handle, store, used, and dispose of HW must be maintained by the EOs or supervisor. Training records on current personnel must be retained for at least 3 years after termination of employment. Sign in sheets or unit internal training records, which are an inspectable item, must be maintained for at least 3 yrs or until an internal or external environmental performance assessment has reviewed the records, whichever is sooner.

**20.11. Unit/activity internal SOPs**

A document, developed and implemented by the unit/activity, to identify and execute internal processes and controls.

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## **20.12. Proof of HAZMIN**

Opportunities exercised, either completed form at Appendix F or generator created form containing equivalent information as the provided example.

## **20.13. Management Plans**

All environmental management plans are available on the ED homepage. There is no requirement to file them as a hard copy, however, they shall be complied with, used as a reference, and where applicable, integrated into unit/activity SOPs.

## **20.14. Inspection Records/Log**

20.14.1. HWAP must be inspected on a weekly basis by a competent individual (e.g. EO), using the checklist, using IMEU-BMH-200-1-R-E at Appendix H-1. An electronic version is available on the DPW, ED homepage.

20.14.2. HWSF shall conduct inspections using the checklist at Appendix H-2.

20.14.3. Completed unit/activity internal checklists must be kept on file for 3 calendar years. If an internal or external environmental performance assessment (EPAS) was performed, the inspections were reviewed, they may be destroyed.

20.14.4. Internal and external EPAS inspections, findings, reports and corrective actions must be maintained on file by the EO for a minimum 3 yrs, after initiation of the correction actions.

## **20.15. Emergency and Alarm Plans**

Emergency and Alarm plans must be posted in work and storage areas and must be posted in German and English. An example is at Appendix C. A basic plan is available on the USAG ED web site, and can be downloaded to be adjusted to the work site.

## **20.16. Operating Instructions**

Operating Instructions are often known to be made available with equipment when purchased, i.e. digital camera, table saws, etc. However, they are not readily available for hazardous materials or for hazardous wastes. They are required to be developed by the employer/supervisor, specific to the worksite, and made readily available to the personnel in the language of the majority of the workforce. Example instructions are at Appendix L. Multiple example instructions for download, which can be adjusted to the specific work site, are available on the DPW ED website, in German and English.

## **20.17. Contingency Plan**

Information about contingency planning is gathered and presented in USAG Baumholder Spill Prevention and Response Plan. This plan can be found on the DPW, ED homepage.

# **SECTION III**

*Non-recurring, project and external service related Hazardous Wastes.*

## **21. Roles and Responsibilities**

### **21.1. Safety Division**

Ensure that construction/project sites are secured against unauthorized access by unauthorized personnel or garrison members to prevent accidents.

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**21.2. Directorate of Public Works**

21.2.1. Environmental Division

21.2.1.1. Environmental projects

21.2.1.1.1. Identifies sites requiring cleanup and identifies contaminated soil / hazardous construction material requiring disposal as hazardous waste.

21.2.1.1.2. Initiates testing of potential hazardous waste if required.

21.2.1.1.3. Programs funding required for hazardous waste disposal within environmental projects.

21.2.1.1.4. Prepares or reviews specifications for appropriate handling, removal and disposal of hazardous waste in each project regardless of the project executive agent (Contracting Center, EUD, LBB or other organizations).

21.2.1.1.5. Controls and oversees all work related to hazardous waste disposal.

21.2.1.1.6. Ensures eANV is processed by LBB or contractor.

21.2.1.1.7. Receives all documentation for hazardous waste disposal and forwards documentation to Environmental Division for hazardous waste registry.

21.2.1.2. Environmental Reviews

The Environmental Division reviews work orders (DA Form 4283), MCA project requests (DD Form 1391 and 1391C), other project descriptions and projects designs/specifications of various activities to identify potential generation and required disposal of hazardous waste at the earliest phase. Nevertheless it is the responsibility of the project proponent and the organization managing the project to identify, organize and fund the disposal of hazardous waste generated in the project.

21.2.2. Operations and Maintenance Division

21.2.2.1. The following responsibilities apply to all projects managed by the Operations and Maintenance Division (no routine or maintenance work):

21.2.2.2. Identifies projects where contaminated soil / hazardous construction material requiring disposal as hazardous waste is released/generated.

21.2.2.3. Initiates testing of potential hazardous waste if required.

21.2.2.4. Programs funding required for hazardous waste disposal within the respective project.

21.2.2.5. Prepares or reviews specifications for appropriate handling, removal and disposal of hazardous waste in each project regardless of the project executive agent (Contracting Center, EUD, LBB or other organizations).

21.2.2.6. Controls and oversees all work related to hazardous waste disposal.

21.2.2.7. Ensures eANV is processed by LBB or contractor.

21.2.2.8. Receives all documentation for hazardous waste disposal and forwards documentation to Environmental Division for hazardous waste registry.

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21.2.3. City of Baumholder

21.2.3.1. Operates, maintains and repairs the sewer and storm water drainage of the USAG Baumholder, including oil water separators.

21.2.3.2. Manages appropriate disposal of hazardous waste (e.g. POL contaminated fluids or mud from oil water separators) falling in the responsibility of their contract.

21.2.3.3. Receives all documentation for hazardous waste disposal and forwards documentation to Environmental Division for hazardous waste registry.

**21.3. Engineering with Contract Management**

21.3.1. The following responsibilities apply to all projects managed by the Engineering Division

21.3.2. Identifies projects where contaminated soil / hazardous construction material requiring disposal as hazardous waste is released/generated.

21.3.3. Initiates testing of potential hazardous waste if required.

21.3.4. Programs funding required for hazardous waste disposal within the respective project.

21.3.5. Prepares or reviews specifications for appropriate handling, removal and disposal of hazardous waste in each project regardless of the project executive agent (Contracting Center, EUD, LBB or other organizations).

21.3.6. Controls and oversees all work related to hazardous waste disposal.

21.3.7. Ensures eANV is processed by LBB or contractor.

21.3.8. Receives all documentation for hazardous waste disposal and forwards documentation to Environmental Division for hazardous waste registry.

**21.4. Authority for signature of hazardous waste manifests and eANV in projects**

21.4.1. For direct projects (execution through US organizations as Contracting Center or EUD) the garrison Commander has the only authority to sign hazardous waste manifests, eANV etc.). Authority can be delegated to contractors in writing by using the appropriate forms.

21.4.2. For indirect projects (execution through the German Construction Agency LBB) LBB has the authority and responsibility according to ABG75 to process and supervise the complete hazardous waste disposal process including authority for signature.

**21.5. Contractors or agencies providing services and their respective Contracting officers representatives (CORs)**

21.5.1. Inform contractors about HW handling/storing procedures at the Garrison.

21.5.2. Perform inspections to ensure contractors are NOT disposing off their HW inside the Garrison.

21.5.3. Follow up on manifesting and disposal documentation as proof of legal disposal.

21.5.4. Disposal of HW in the USAG, at additional cost to the USAG will be investigated and violations will be prosecuted.

21.5.5. Report non compliances to the ED and their higher headquarters.

## Appendix A

### References

#### Section I

##### Required Publications

**ADR** L'Accord européen relatif au transport international des marchandises dangereuses par route  
(European Agreement Concerning the International Carriage of Dangerous Goods by Road)

**AE Reg 200-1**, Army in Europe Environmental Quality Program, 26 October 2007

**AE Reg 200-2**, Environmental Guidance for Military Exercises, 4 July 2007

**AE Reg 40-11 or 40-11G**, Local National Employee Occupational Health Services Contract, 5 August 2005

**AE Reg 55-4**, Safe Movement of Hazardous Goods by Surface Modes, 1 May 2003

**AR 700-144**, Demilitarization and Trade Security Controls, 5 May 2009

**AR 700-68**, Storage and Handling of Liquefied and Gaseous Compressed Gasses and Their Full and Empty Cylinders, 16 June 2000

**Closed Substance Cycle Waste Management Act**; Kreislaufwirtschafts- und Abfallgesetz, dated 20 October 2006

**DoD 4160.21-M**, Defense Materiel Disposition Manual, dated August 1977, Chapter 10

**DoD 4140.27-M**, It prescribes procedures on the uniform management of DoD shelf-life items, dated 5 May 2003

**DRMO, Standard Operating Procedure, no date, available at**

[http://www.acq.osd.mil/log/sci/md/sop\\_customer\\_assistance\\_handbook.pdf](http://www.acq.osd.mil/log/sci/md/sop_customer_assistance_handbook.pdf)

**Employers' Liability Association regulations BGV A 8**, Safety and Health Labeling and Marking at the Workplace, dated 28. Juli 1977, version of 1 January 2002 (HVBG), implementation instructions of January 2002 (HVBG) - **Berufsgenossenschaftlichen Vorschrift**, Sicherheits- und Gesundheitsschutzkennzeichnung am Arbeitsplatz, (BGV A8), in der Fassung vom 1. Januar 2002 (HVBG), mit Durchführungsanweisungen vom Januar 2002 (HVBG)

**MEDCOM Reg 40-35**, Management of Regulated Medical Waste; dated 11 June 2001

**FM 3-34.5/MCRP 4-11B**, Environmental Considerations, February 2010

**MIL-STD-101B**, Military Standard Color Code For Pipelines and Compressed Gas Cylinders, 3 December 1970

**Ordinance on Hazardous Substances**, Gefahrstoffverordnung, dated 26 November 2010, updated 28 July 2011

**TRbF20**, Technical Rules for Flammable Liquids, (Technische Regeln für brennbare Flüssigkeiten, Lager), dated 1 February 2001 (BArbBl. 4/2001 S. 60), last change on 15 May 2002 (BArbBl. 6/2002 S. 63)

**TRGS 201**, Classification and labeling for activities involving hazardous substances (Einstufung und Kennzeichnung bei Tätigkeiten mit Gefahrstoffen), 20 October 2011 (new)

**TRGS 510**, Technical Rules for Hazardous Substances, Storage of Hazardous Substances in Non-Stationary Containers (Lagerung von Gefahrstoffen in ortsbeweglichen Behältern, October 2010

**TRGS 520**, Construction and operation of collection centers and associated intermediate storage for small quantities of hazardous waste (Errichtung und Betrieb von Sammelstellen und zugehörigen Zwischenlagern für Kleinmengen gefährlicher Abfälle), issued March 1999

**TRGS 555**, Working instruction and information for workers (Betriebsanweisung und Information der Beschäftigten) July 2009

**USAG Baumholder SAFETY SOP**

(<http://www.baumholder.army.mil/media/Safety/SafetyPrograms/SOHprograms.pdf>) ,  
not dated, not signed

**Section II**

Related Publications

**ASR A1.3**, Technische Regeln für Arbeitsstätten, Sicherheits- und Gesundheitsschutzkennzeichnung, April 2007

**Final Governing Standards Germany**; dated February 2010

**AR 75-1**, Malfunctions Involving Ammunition and Explosives, dated 4 November 2008

**AR 75-14**, Interservice Responsibilities for Explosive Ordnance Disposal; dated 14 February 1992

**AR 75-15**, Policy for Explosive Ordnance Disposal; dated 22 February 2005

**AR 350-1**, Army Training and Leader Development, dated 3 August 2007

**AR 385-10**, The Army Safety Program, dated 14 June 2010

**AE REG 385-29**, Safety and Occupational Health for Local National employees in Germany, dated 17 November 2005

**AER 385-29-G\***, Arbeitssicherheit Unfallverhütung und Arbeitsschutz für ortsansässige Beschäftigte, vom 17 November 2005

**AE Reg 385-50**, Arts-and-Crafts Facility Safety, dated 6 August 2009

**AE Reg 55-50**, Command Dangerous Goods Program, dated 2 February 2010

**AR 700-68**, Storage and Handling of Liquefied and Gaseous Compressed Gasses and Their full and Empty Cylinders, 16 Jun 2000

**BattG** – Batteries Act, Act Concerning the Placing on the Market, Collection and Environmentally Compatible Waste Management of Batteries and Accumulators, promulgated on 30 June 2009

**BattG** – Batterie Gesetz, Gesetz über das Inverkehrbringen, die Rücknahme und die umweltverträgliche Entsorgung von Batterien und Akkumulatoren

**DA Pam 40-503**, Industrial Hygiene Program, dated 30 October 2000

**DoDI, 6050.05**, DoD Hazard Communication (HAZCOM) Program, 15 August 2006, Certified Current as of 15 May 2011

**Electrical and Electronic Equipment Act – ElektroG**, as of 16 March 2005

**ElektroG**, Elektro- und Elektronikgerätegesetz vom 16. März 2005 (BGBl. I S. 762), das zuletzt durch Artikel 2 Absatz 1 des Gesetzes vom 16. November 2011 (BGBl. I S. 2224) geändert worden ist

**Europen Directive** 92/58/EEC - Safety and/or Health Signs, 24 June 1992

**FM 10-67-2**, Petroleum Laboratory Testing and Operations, 2 April 1997

**TB 43-0134**, Battery Disposition and Disposal, dated 1 October 1996

**TC 3-34.489, C1**, The Soldier and the Environment, dated 26 October 2001

**TM 38-410**, Storage and Handling of Hazardous Materials, 13 January 1999

**TM 43-0001-26-1, C1-4**, Chemical Defense Equipment, dated 12 May 1982

**TRGS 400**, Risk Assessment for Activities involving Hazardous Substances (Gefährdungsbeurteilung für Tätigkeiten mit Gefahrstoffen), dated January 2008

**TRGS 519**, Asbestos: Demolition, reconstruction or maintenance work (Asbest Abbruch-, Sanierungs- oder Instandhaltungsarbeiten), dated March 2007

**TRGS 521**, Demolition, reconstruction and maintenance work with biopersistent mineral wools (Abbruch-, Sanierungs- und Instandhaltungsarbeiten mit alter Mineralwolle), dated February 2008

## Appendix B

### Terms and Definitions

**Aboveground storage tank:** Any stationary POL storage container that does not meet the definition for an underground storage tank, and all mobile POL storage containers with capacities of >208 liters (55 gallons).

**ADR:** European treaty for packaging, load securing, and labeling of dangerous goods

**Begleitschein/Uebernahmeschein:** Accompanying shipping documentation required with each hazardous waste stream shipment off-post. This is considered the Disposition Control.

**Demilitarize.** Certain property is demilitarized (i.e., rendered useless for its originally intended purpose). Surplus property with inherent military characteristics must undergo "DEMIL." Offensive and defensive weapons and associated material are demilitarized prior to disposal.

**Entsorgungs- Verwertungsnachweis:** Documentation which required to be initiated, identifying the generator, location, waste stream, annual generation, ingredients by chemical analysis, transporter, disposer, etc. prior to entering into any HW movement or shipment off site. It has to be completed by the generator, processed through the transporter, and disposal facility, prior to forwarding to the Host Nation authorities for approval. This is considered to be the Advance Control.

**Environmental Officer:** A person (Soldier, civilian employee, or contract employee) assigned duties at a unit or organization to oversee environmental-compliance requirements on behalf of his or her responsible commander, director, or supervisor

**Hazard class:** Based on their contents HM is segregated into different hazard classes. The hazard class is available in the MSDS and are for example: flammable, corrosive, or toxic

**Hazardous Material:** Any material that, based on either chemical or physical characteristics (for example, corrosive, explosive, flammable, reactive, toxic), is capable of posing an unreasonable risk to human health or the environment if improperly disposed of, handled, stored, or transported

**Hazardous Waste Accumulation Point:** An area near the point of generation where hazardous wastes are temporarily stored until they can be removed for disposition

**Hazardous Waste Profile Sheet:** A document that identifies and characterizes the waste by providing user's knowledge of the waste, and/or lab analysis, and details the physical, chemical, and other descriptive properties or processes that created the HW

**Hazardous Waste Storage Facility:** One or more locations on a DOD garrison where hazardous waste is collected and stored before shipment for treatment and disposal

**Hazardous Waste:** Any discarded material (solid, liquid, or gas) that has no further value to the user and is potentially harmful to human health or the environment because of its quantity, concentration, or biological, chemical, or physical characteristics. Excess hazardous material and waste streams destined for recycling (for example, used oil) may still be classified as hazardous waste in the European Union.

**Secondary containment:** Leak-proof structures, rooms in buildings (fluid retention rooms), and/or prefabricated building components designed to collect leaking substances from containers or piping, and leak-proof drainage areas designed to channel leaking substances from containers or pipelines into collection devices (e.g., holding tanks, sumps)

**Standing Operating Procedures:** The term standing operating procedure, or **SOP** refers to a unit's or activity's unique procedures, which are not standard to another unit or activity. They can be of technical or administrative nature. An SOP is a written document or instruction detailing all steps and activities of a process or procedure.

**Underground storage tank:** Any tank wholly or partially embedded in the ground, including underground piping connected thereto, used to contain petroleum, oils, and lubricants products, hazardous material, or hazardous waste

<b>AAFES</b>	Army and Air Force Exchange Service
<b>ABG75</b>	Auftragsbaugrundsätze 1975
<b>ADR</b>	Accord Dangereux Routier
<b>AEDA</b>	Ammunition, Explosives, Dangerous Articles
<b>AST</b>	Aboveground Storage Tank
<b>CO</b>	Contracting Officer
<b>COR</b>	Contracting Officer Representative
<b>DA</b>	Department of the Army
<b>DOD</b>	Department of Defense
<b>DPW</b>	Directorate of Public Works
<b>DRMO</b>	Defense Reutilization and Marketing Office
<b>DTID</b>	Disposal Turn-In Document
<b>eANV</b>	Elektronische Abfallnachweisverfahren
<b>ED</b>	Environmental Division
<b>EMS</b>	Environmental Management System
<b>EO</b>	Environmental Officer
<b>EOD</b>	Explosives Ordnance Disposal
<b>EQCC</b>	Environmental Quality Control Committee
<b>EUD</b>	European District (U.S. Army Corps of Engineers)
<b>EWC</b>	European Waste Code
<b>FIFO</b>	First-In First-Out
<b>GC</b>	Garrison Commander
<b>GFGS</b>	Final Governing Standards Germany
<b>GOCO</b>	Government Owned-Contractor Operated
<b>HAZMIN</b>	Hazardous Minimization
<b>HN</b>	Host Nation
<b>HM</b>	Hazardous Material
<b>HMMP</b>	Hazardous Material Management Program
<b>HW</b>	Hazardous Waste
<b>HWAP</b>	Hazardous Waste Accumulation Point
<b>HWMP</b>	Hazardous Waste Management Plan
<b>HWPS</b>	Hazardous Waste Profile Sheet
<b>HWSF</b>	Hazardous Waste Storage Facility
<b>LBB</b>	Landesbetrieb Liegenschafts- und Baubetreuung
<b>MCA</b>	Military Construction Army
<b>MILREP</b>	Military Representative
<b>MSDS</b>	Material Safety Data Sheet
<b>NBC</b>	Nuclear, Biological, Chemical

<b>NCOIC</b>	Non-Commissioned Officer In Charge
<b>OPORD</b>	Operation Order
<b>POL</b>	Petroleum, Oil, and Lubricant
<b>PPE</b>	Personal Protective Equipment
<b>PPP (P2)</b>	Pollution Prevention Plan (P2)
<b>PUR</b>	Polyurethane
<b>RMW</b>	Regulated Medical Waste
<b>SAM</b>	Sonderabfallmanagement
<b>SOP</b>	Standing Operating Procedure
<b>SPRP</b>	Spill Prevention and Response Plan
<b>TSDF</b>	Treatment, Storage or Disposal Facility
<b>USAG</b>	United States Army Garrison
<b>UST</b>	Underground Storage Tank

Location:

***Smith Barracks***

Building No.:

**8468**

# Alarm Plan

## ***Hazardous Waste Storage Facility***

### **Important Emergency Telephone Numbers**

Division		Military (DSN)	Civilian	
Fire Department		117	06783-6-117	
Military Police (MP)		114	06783-6-114	
Garrison Ambulance		116	06783-6-116	
Environmental Division	Mr. Mutinda	485-6146	06783-6-6146	
Garrison Safety Office	Mr. Knorr	485-1670	06783-6-1670	

### **Content of the Alarm Plan**

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## What do I need to do in case of a SPILL?

### Keep calm

#### Report the spill (if the reportable quantity of 25 liter / 6 gallons is exceeded):

- Call USAG Baumholder Fire Department at DSN 117 or CIV 06783-6-117.
- Report the following:
  - Who is making the call (initial responder name)?
  - What has happened (type & quantity of spill, need for medical assistance)?
  - Where did it happen?
  - Wait for questions!
- Warn persons in the surrounding area.



### Determine safe actions:

- Check Material Safety Data Sheet (MSDS) or operating instructions:
  - What type of substance is spilled?
  - How can it hurt me? What can I safely do?
- The inhalation of vapors and dusts as well as the contact of eyes and skin with hazardous substances should always be avoided under any circumstance.

### Stop the leak / control and contain:

- Eliminate leaks, close valves, stop pumps, remove damaged containers.
- Keep spill from spreading:
  - Enclose liquid spills with portable containment material, e.g. booms or dike spills.
  - Use absorbent material to soak up the spilled liquid.
  - Prevent entry into drainage system (e.g. through sewer lids).



#### Flammables (e.g. POL contaminated solids, waste oil, waste fuel):

- Use dry sweep, oil or multi-chemical absorbent to absorb spilled liquid.
- Keep away from ignition sources. Shut down power.

#### Oxidizers (e.g. Iodine, sulfuric acid, hydrochloric bleaches, peroxides):

- Wear safety gloves and safety goggles during cleanup.
- Use dry sweep or multi-chemical absorbent to soak up the spilled liquid.
- Keep away from ignition sources.

#### Reactive / "dangerous when wet" substances (e.g. lithium batteries):

- Wear safety gloves and safety goggles during cleanup.
- Use dry sweep or multi-chemical absorbent to soak up the spilled liquid.
- Keep away from ignition sources and from water.



#### Corrosives (e.g. waste acid, chlorine containing compounds, super tropical bleach):

- Wear safety gloves, safety goggles, protective clothing, and safety shoes during cleanup.
- In case of release of hazardous gases and vapors, the area should be evacuated
- Contain the spill with dry sweep or absorbent material for corrosive spills.



#### Toxics / harmful substances (e.g. asbestos containing items, pesticides, mercury containing compounds):

- Wear safety gloves and safety goggles during cleanup.
- Avoid inhalation, ingestion and contact with skin, mucous membranes and eyes.
- Collect solids with shovel and collect low-volatile liquids with dry sweep or multi-chemical absorbent.
- If there is formation of dust, evacuate area and call fire department.

### General Immediate Response Actions:

### Spilled Material Specific Actions:

**Clean Up and Disposal:**

<b>Aerosols:</b>
<ul style="list-style-type: none"><li>• Single out spilled or leaky cans and dispose of properly. Use dry sweep or multi-chemical absorbent.</li><li>• After removal of the spilled material clean the floor carefully and collect waste in a chemical resistant, lockable and labeled container.</li><li>• Contact the Environmental Division at 485-6858 regarding proper disposal.</li></ul>

## **What do I need to do in case of a PERSONAL INJURY?**

**General Immediate Response Actions:**

### **Keep calm**

### **Report injury:**



- to the USAG Fire Department at DSN 117 or CIV 06783- 6-117 and the Ambulance at DSN 116 or CIV 06783-6-116. Medical help is always necessary if inhalation, swallowing, skin, or eye contact has occurred.

### **Report:**

- Who is placing the call (initial responder name)?
  - What happened (type & quantity of hazardous material involved, number of injured persons)?
  - Where did it happen?
  - Wait for questions!

### **Provide help to injured person:**

- Remove injured person from area of danger.
- After inhalation of hazardous materials, ensure the patient gets plenty of fresh air, is kept calm and warm.
- Remove contaminated clothing and shoes! Do not remove clothes that are stuck to the skin.

### **Burns:**

- Extinguish burning person by throwing a blanket over the person, rolling the person on the floor, using water or fire extinguisher (if not indicated otherwise on fire extinguisher).
- Cool skin with running water until the pain stops (10 to 15 minutes).
- Do not remove clothing that is burned onto the skin.
- Cover the wound with a sterile bandage.

### **Corrosion of the skin:**

- Use safety gloves. Remove or dilute corrosives. Carefully remove corroded clothing.
- Cool skin with water until the pain stops (10 to 15 minutes).
- Cover the wound with a sterile bandage.

### **Corrosion after swallowing:**

- Avoid vomiting.
- Water should be drunk in sips.

### **Corrosion of the eyes:**

- Immediately flush the eye with plenty of water for at least 15 minutes.

### **Poisoning after swallowing:**

- Do not initiate vomiting except if ordered by doctor.
- Contact the USAG ambulance at DSN 116 or the poisoning emergency call center ("Giftnotrufzentrale" - do not necessarily speak English!) at CIV 06131-19240.

### **Poisoning through vapor and dust:**

- Move poisoned person to fresh air.
- Person should sit upright.

**Injury Specific Actions:**

## What do I need to do in case of a FIRE?

Keep calm.

Report fire:

- Call Garrison Fire Department at DSN 117 or CIV 06783-6-117.
- Report:
  - Who is making the call (initial responder name)?
  - What happened (type of hazardous material involved, need for medical assistance)?
  - Where is fire located?
  - Wait for questions!



General Immediate Actions:

Evacuation:

- Notify occupants, activate fire alarm.
- Evacuate the area. Do not use elevators. **Go to the meeting point**

Only fight fire if it is safe!

- Use available fire extinguishers. Always stay down wind.
- Close doors & windows if possible to prevent fire & smoke from spreading.
- Prevent contaminated extinguishing water from entering sewage systems, drains, etc.



**Flammables** (e.g. Engine oils, thinners, adhesives, lackers):

- Never extinguish flammable liquids with water! Use CO<sub>2</sub> or dry chemical fire extinguisher for small initial fires.
- If the fire cannot be controlled, leave area immediately.
- Be aware of danger of suffocation when using CO<sub>2</sub> fire extinguishers in small rooms.



**Oxidizers** (e.g. oxygen gas cylinders, organic peroxides):

- Use CO<sub>2</sub> or dry chemical fire extinguisher for small initial fires.
- If the fire cannot be controlled, leave area immediately.



**Reactive / "dangerous when wet" substances** (e.g. lithium batteries):

- Never extinguish with water. Use dry sand or class D fire extinguisher.



**Corrosives** (e.g. battery acid, chlorine containing compounds, super tropical bleach):

- Evacuate the area due to potential release of hazardous gases and vapors.



**Toxics / harmful substances** (e.g. asbestos containing items, pesticides, mercury):

- Use hand fire extinguisher for fighting small fires.
- In case of formation of vapors and dusts, evacuate the area. Reenter only if sufficient ventilation is guaranteed.



**Compressed gas cylinders** (e.g. acetylene, oxygen, argon):

- Move gas bottles to cool area if possible. Heat leads to increased pressure: threat of explosion!
- Evacuate area.



**Explosives** (e.g. ammunition):

- Evacuate the area.

Material Specific Actions:

**Aerosols** (e.g. used aerosol cans):

- Extinguish small fires with dry chemical or CO<sub>2</sub> fire extinguisher.

## How can I **PREVENT** Spills and Emergency Situations?

- Any use of hazardous substances must be done with special care and diligence!
- During handling of hazardous substances, wear appropriate personnel protective equipment. Avoid inhalation, swallowing and contact of hazardous substances with skin, mucous membranes and eyes.
- Keep containers tightly closed if not in use.
- Do not use inappropriate, damaged or incorrectly labeled containers. In particular, hazardous substances must not be stored in containers, which could be mistaken for food containers!
- Do not eat, drink or smoke in rooms where hazardous substances are stored or handled.
- Storage and handling area must be labeled with warning, prohibitory and mandatory signs
- Store the following substances separately:



### General Preventive Measures and Storage Requirements:

	<p><b>Flammables</b> (e.g. POL contaminated solids, waste oil, waste fuel, waste paint):</p> <ul style="list-style-type: none"> <li>• Store in flammable storage cabinet.</li> <li>• Keep away from fire and ignition sources (e.g. hot parts, welding, cigarettes).</li> <li>• Use non-sparking equipment, avoid electrostatic charges during decanting.</li> </ul> <p><b>Oxidizers</b> (e.g. oxygen gas cylinders):</p> <ul style="list-style-type: none"> <li>• Keep away from ignition sources and flammable material.</li> </ul> <p><b>Reactive / "dangerous when wet" substances</b> (e.g. lithium batteries):</p> <ul style="list-style-type: none"> <li>• During handling, wear safety gloves and safety goggles.</li> <li>• Prevent contact with water. Keep away from heat sources.</li> </ul> <p><b>Corrosives</b> (e.g. waste acid, chlorine containing compound, super tropical bleach):</p> <ul style="list-style-type: none"> <li>• During handling, wear safety gloves, safety goggles, protective clothing, and safety shoes.</li> <li>• Never add water, diluted acids, or bases to concentrated acids.</li> <li>• Transfer corrosives with care and close containers afterwards.</li> </ul> <p><b>Toxics / harmful substances</b> (e.g. asbestos containing items, pesticides, mercury containing compounds):</p> <ul style="list-style-type: none"> <li>• During handling, wear safety gloves and safety goggles.</li> <li>• Do not decant low-volatile or dusty materials.</li> </ul> <p><b>Compressed gas cylinders</b> (e.g. acetylene, oxygen, argon):</p> <ul style="list-style-type: none"> <li>• Keep away from flames, heat sources and direct sunlight.</li> <li>• Secure gas bottles to prevent falling. Keep flammable gas containers in an upright position.</li> </ul> <p><b>Explosives</b> (e.g. ammunitions):</p> <p>Store in area with explosion proof equipment.</p> <p>Keep away from ignition sources. Prevent dropping, friction, and heat impact.</p> <p><b>Aerosols</b> (e.g. used aerosol cans):</p> <ul style="list-style-type: none"> <li>• Keep away from flames, heat sources and direct sunlight.</li> <li>• Make sure workplace and storage area are well-ventilated.</li> </ul>
	<p><b>Material Specific Preventive Measures:</b></p>

## How can I **PREVENT** Spills and Emergency Situations?

Training Requirements:

- All personnel handling hazardous materials or wastes must be trained at least once a year on location and handling of
  - fire extinguishers
  - absorbent materials, neutralizers and spill kits
  - personnel protective equipment, emergency showers, eye showers
  - alarm and evacuation plans
  - MSDS and/or operating instructions
  - emergency telephones and numbers



Secondary Containment:

- All hazardous materials/wastes must be stored over a secondary containment:
  - Spill pallets, drip pans, safety cabinet, containers with built-in secondary containment.
  - Secondary containment must be able to contain at least 10% of all hazardous materials/wastes or at least 100% of the biggest container stored.



Necessary Emergency Response Equipment on Hand:

- Appropriate absorbent for
  - Flammables:
    - Dry sweep, oil or multi-chemical absorbent pads /
  - Toxics/reactive substances/harmful substances:
    - Dry sweep, multi-chemical absorbent pads / booms.
  - Corrosives:
    - Dry sweep, absorbent pads / booms for corrosive materials.
  - It is recommended to store enough appropriate absorbent material for 10% of all hazardous materials stored or the contents of the largest container stored.
- Appropriate personal protective clothing for
  - Corrosives: safety gloves, safety goggles, protective clothing, and safety shoes
  - Toxics / harmful / reactive substances: safety gloves and safety goggles.
- Shovel and broom.
- Waste recovery containers made of materials compatible with the hazardous substances stored.



### Response equipment for firefighting:

- Flammables / oxidizers / corrosives / toxics / harmful substances:
  - CO<sub>2</sub> or dry chemical fire extinguisher
- Reactive/"dangerous when wet" substances:
  - Dry sand or class D fire extinguisher

### First Aid in case of personal injuries:

First Aid kit, eye wash station, emergency shower

Kaserne:

**Smith Barracks**

Gebaeude Nr.:

**8468**

# Notfallplan

## *Sondermuellzwischenlager*

### Important Emergency Telephone Numbers

Division		Military (DSN)	Civilian	
USAG Baumholder Feuerwehr		117	06783-6-117	
Militärpolizei (MP)		114	06783-6-114	
USAG Baumholder Rettungsdienst		116	06783-6-116	
USAG Baumholder Umweltabteilung	Mr. Mutinda	485-6146	06783-6-6146	
USAG Baumholder Betriebssicherheit	Mr. Knorr	485-1670	06783-6-1670	

### Inhalt des Alarmplans

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Maßnahmen zur **Vermeidung** von Notfallsituationen

Page 5

# Sofortmaßnahmen im Falle eines GEFÄHRSTOFFUNFALLS

## Ruhe bewahren!

Gefahrstoffunfall melden (falls mehr als 25Liter/6Gallonen verschüttet wurden):



- USAG Baumholder Feuerwehr (DSN 117 / zivil 06783-6-117) anrufen.
- Der Notrufstelle Folgendes melden:
  - Wer ruft an (Name des Ersthelfers)?
  - Was ist passiert (Art und Menge des Gefahrstoffunfalls, Anzahl der Verletzten)?
  - Wo ist es passiert?
  - Warten auf Rückfragen!
- Personen in umliegenden Bereichen warnen.

## Durchführbare Maßnahmen ermitteln:

### Allgemein gültige Sofortmaßnahmen

- Sicherheitsdatenblatt oder Betriebsanweisung des ausgetretenen Stoffes überprüfen:
  - Um welche Art Gefahrstoff handelt es sich?
  - Gefahrenpotential des Stoffes ermitteln.
- Hautkontakt und Augenkontakt sowie das Einatmen von Gasen, Dämpfen und Stäuben muss immer und unter allen Umständen vermieden werden.

## Leckage stoppen / Kontrollieren und Eindämmen des Unfalls:

- Ventile schließen, Pumpen und Strom abschalten, beschädigte Behälter entfernen.
- Ausbreitung der Gefahrstoffe verhindern:
  - Flüssige Gefahrstoffe mit Absperrbarrieren eindämmen oder mit Auffangvorrichtungen auffangen
  - Flüssige Gefahrstoffe mit Bindemittel auffangen
  - Eintritt in Kanalsystem verhindern (Kanaldeckel abdecken)



### Entzündliche Stoffe (z.B. överschmutzte Betriebsmittel, Altöl, Abfallbrennstoff):

- Flüssige Gefahrstoffe mit Hilfe von Öl- oder Universalbindemittel auffangen.
- Zündquellen fernhalten. Strom ausschalten.



### Brandfördernde/oxidierende Stoffe (e.g. Jod, Schwefelsauere, Hydrochlorbleichlaugen, Peroxide, ):

- Schutzhandschuhe und Schutzbrille während Maßnahmen tragen.
- Flüssige Gefahrstoffe mit Hilfe von Universalbindemittel (Granulat / Matten / Vliese) auffangen.
- Zündquellen fernhalten.

### Reaktive Stoffe / Stoffe, die in Berührung mit Wasser entzündliche Gase entwickeln (z.B. Lithium Batterien):

- Schutzhandschuhe und Schutzbrille während Maßnahmen tragen.
- Flüssige Gefahrstoffe mit Hilfe von Universalbindemittel (Granulat / Matten / Vliese)
- Fernhalten von Zündquellen und Wasser.



### Aetzend (z.B. Säuren, Laugen, chlorhaltige Substanzen):

- Schutzhandschuhe, Schutzbrille, Schutzkleidung und Sicherheitsschuhe während der Maßnahmen tragen.
- Beim Austritt von Gasen und Dämpfen den Bereich evakuieren!
- Gefahrstoffe mit Hilfe von Bindemittel oder Aufsaugmaterialien für aggressive Flüssigkeiten auffangen.



### Giftige/gesundheitsgefährdende Substanzen (z.B. Pestizide, asbest-, quecksilberhaltige Stoffe):

- Schutzhandschuhe und Schutzbrille während Maßnahmen tragen.
- Einatmen, Schlucken und Augen-, Haut- oder Schleimhautkontakt vermeiden.
- Feste Gefahrstoffe mit Schaufel und flüssige Gefahrstoffe mit Hilfe von Universalbindemittel auffangen.
- Falls Stäube oder Gase entstehen sofort den Raum verlassen.

### Gefahrstoff-spezifische Maßnahmen

	<p><b>Spraydosen:</b></p> <ul style="list-style-type: none"><li>• Leckende Spraydosen aussortieren und ordnungsgemäß entsorgen. Flüssige Gefahrstoffe mit Hilfe von Universalbindemittel auffangen.</li></ul> <ul style="list-style-type: none"><li>• Abfälle in einem säurebeständigen, verschließbaren und gekennzeichneten Behälter sammeln.</li><li>• Umweltabteilung (DSN 485-6858 / zivil 06783-6-6858) bzgl. ordnungsgemäßer Entsorgung kontaktieren.</li></ul>
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## ERSTE HILFE Maßnahmen

### General Immediate Response Actions:



#### Ruhe bewahren.

#### Notfall melden:

- USAG Baumholder Feuerwehr (DSN 117 / zivil 06783-6-117) oder USAG Baumholder Rettungsdienst (DSN 116 / zivil 06783-6-116) kontaktieren.

- Der Notrufstelle Folgendes melden:
  - Wer ruft an (Name des Ersthelfers)?
  - Was ist passiert (Art und Menge des Gefahrstoffunfalls, Anzahl der Verletzten)?
  - Wo ist es passiert?
  - Warten auf Rückfragen!

#### Erste Hilfe Maßnahmen für verletzte Personen:

- Verletzte aus Gefahrenzone entfernen.
- Bei Einatmen eines Gefahrstoffes die Person der frischen Luft aussetzen, beruhigen, und warm halten.
- Verschmutzte Kleidung und Schuhe entfernen! Am Körper klebende Kleidung nicht entfernen.

#### Verbrennungen:

- Bei Personenbrand Flammen mit einer Decke, durch Rollen auf dem Boden, Wasser oder Feuerlöschern ersticken.
- Haut mit Wasser kühlen bis Schmerz gelindert ist (10 bis 15 Minuten).
- Eingebrannte oder mit Haut verklebte Kleidung nicht entfernen.
- Brandwunden mit einem sterilen Verbandstuch verbinden.

#### Verätzungen der Haut:

- Schutzhandschuhe tragen. Säuren und Laugen entfernen oder verdünnen. Benetzte Kleidungsstücke entfernen.
- Betroffene Körperstellen unter fließendem Wasser abkühlen bis Schmerz nachlässt (10-15 Min).
- Anschließend Wunden mit einem sterilen Verbandstuch verbinden.

#### Verätzung nach Schlucken:

- Betroffene Person nicht zum Erbrechen bringen!
- Wasser in kleinen Schlücken zu trinken geben.

#### Augenverätzungen:

- Sofort die Augen mit viel Wasser für mindestens 15 Minuten ausspülen.

#### Vergiftung nach Schlucken:

- Betroffene Person nicht zum Erbrechen bringen, sei denn es wird vom Arzt verordnet.
- Alarmieren des Rettungsdienstes (DSN 116 / zivil 06783-6-116) und kontaktieren der Giftnotrufzentrale (zivil 06131-19240).

#### Vergiftung durch Dämpfe und Stäube:

- Betroffene Person an die frische Luft bringen.
- Betroffene Person sollte aufrecht sitzen.

### Verletzungs- bezogene Massnahmen

# Verhalten im BRANDFALL

Allgemein gültige Sofortmaßnahmen



Ruhe bewahren.

Feuer melden:

- USAG Baumholder Feuerwehr (DSN 117 / zivil 06783-6-117) kontaktieren.
- Der Notrufstelle Folgendes melden:
  - Wer ruft an (Name des Ersthelfers)?
  - Was ist passiert (Art und Menge des Gefahrstoffunfalls, Anzahl der Verletzten)?
  - Wo ist der Brand?
  - Warten auf Rückfragen!

Evakuierung:

- Bewohner informieren, Feueralarm auslösen.
- Gebäude evakuieren. Keine Aufzüge benutzen. Treffpunkt aufsuchen.

Feuer nur dann bekämpfen, wenn es keine Gefahr für die eigene Sicherheit darstellt!

- Feuerlöscher benutzen, dabei immer windabwärts stehen.
- Wenn möglich Türen/Fenster schließen um Flammen/Rauch an der Ausbreitung zu hindern.
- Verhindern des Eintritts von verschmutztem Löschwasser in Kanalsystem (Kanaldeckel abdecken).



**Entzündliche Stoffe** (z.B. Motorenöl, Verdünnung, Kleber, Lacke, etc.):

- Nie entzündliche Flüssigkeiten mit Wasser löschen! Brand mit Handfeuerlöscher (CO<sub>2</sub>- oder Pulverfeuerlöscher) löschen.
- Bereich sofort verlassen falls Feuer nicht unter Kontrolle gebracht werden kann.
- Erstickungsgefahr bei Benutzung von CO<sub>2</sub>-Feuerlöschern in kleinen Räumen!



**Brandfördernde / oxidierende Stoffe** (z.B. Sauerstoffflaschen, Organische Peroxide):

- Brand mit Handfeuerlöscher (CO<sub>2</sub>- oder Pulverfeuerlöscher) löschen.
- Bereich sofort verlassen falls Feuer nicht unter Kontrolle gebracht werden kann.



**Reaktive Stoffe / Stoffe, die in Berührung mit Wasser entzündliche Gase entwickeln** (z.B. Lithium Batterien, Magnesium haltigen Stoffen(MRH)):

- Nie mit Wasser löschen! Brand mit trockenem Sand oder Feuerlöscher der Klasse D



**Aetzende Stoffe** (z.B. Säuren, Laugen, chlorhaltige Stoffe, STB):

- Bereich evakuieren wegen Bildung von gefährlichen Gasen und Dämpfen.



**Giftige / gesundheitsgefährdende Substanzen** (z.B. Pestizide, asbesthaltige und quecksilberhaltige Abfälle):

- Brand mit Handfeuerlöscher (CO<sub>2</sub>- oder Pulverfeuerlöscher) löschen.
- Falls Gase und Dämpfe entstehen, sofort Bereich evakuieren. Erst zurückkehren nachdem ausreichende Luftzufuhr gesichert ist.



**Druckgasflaschen** (z.B. Acetylen, Sauerstoff, Argon)

- Wenn möglich Druckgasflaschen in kühlen Bereich bringen. Hitze verursacht erhöhten Druck: Explosionsgefahr!
- Gebiet evakuieren.



**Explosiv** (e.g. Munition):

- Gebiet evakuieren

**Spraydosen:**

- Brand mit Handfeuerlöscher (CO<sub>2</sub>- oder Pulverfeuerlöscher) löschen.

Material Specific Actions:

## Maßnahmen zur VERMEIDUNG von Notfallsituationen

### Allgemein gültige Maßnahmen zur Vermeidung von Notfall-situationen

- Beim Umgang mit Gefahrstoffen immer besondere Vorsicht walten lassen.
- Angemessene Schutzausrüstung tragen. Einatmen, Schlucken und Haut- Schleimhaut- und Augenkontakt vermeiden.
- Behälter geschlossen halten wenn nicht in Gebrauch.
- Gefahrstoffe nicht in unsachgemäßen, beschädigten oder falsch gekennzeichneten Behältern aufbewahren. Gefahrstoffe auf keinen Fall in Behältern aufbewahren, die fälschlicherweise für Essens- oder Trinkbehälter gehalten werden könnten.
- Essen, Trinken oder Rauchen ist in Arbeits- und Lagerbereichen von Gefahrstoffen verboten.
- Lager- / Arbeitsbereiche müssen mit Warn-, Verbots- und Gebotsschilder gekennzeichnet sein.
- Die folgenden Substanzen dürfen nicht zusammen gelagert werden:
  - Reaktive Substanzen und Entzündliche Stoffe
  - Säuren und Basen
  - Aetzende Substanzen und Entzündliche Stoffe
  - Brandfördernde Stoffe und alle anderen Gefahrstoffen



**Entzündliche Stoffe** (z.B. Motorenöl, Verdünnung, Kleber, Lacke, etc.):

- In feuerbeständigem Gefahrstoffschränk lagern.
- Von Zündquellen fernhalten.
- Nichtfunkende Betriebsmittel benutzen. Elektrostatische Aufladung während des Umfüllens vermeiden



**Brandfördernde / oxidierende Stoffe** (z.B. Sauerstoffflaschen, Organische Peroxide):

- Von Zündquellen und entzündlichen Stoffen fernhalten.

**Reaktive Stoffe / Stoffe, die in Berührung mit Wasser entzündliche Gase entwickeln** (z.B. Lithium Batterien, Magnesium haltigen Stoffen (MRH)):

- Schutzhandschuhe und Schutzbrille während der Massnahme tragen.
- Berührung mit Wasser vermeiden. Von Hitzequellen fernhalten.



**Aetzende Stoffe** (z.B. Säuren, Laugen, chlorhaltige Stoffe, STB):

- Bei der Handhabung Schutzhandschuhe, Schutzbrille, Schutzkleidung und
- Niemals Wasser, verdünnte Säuren, Laugen zu konzentrierten Säuren geben.
- Korrosive Stoffe vorsichtig umfüllen und Behältnisse sicher verschließen.



**Giftige / gesundheitsgefährdende Substanzen (z.B. Pestizide, asbesthaltige-, quecksilberhaltige Stoffe)**

- Schutzhandschuhe und Schutzbrille tragen.
- Leicht-flüchtige und staubige Stoffe nicht umfüllen.



**Druckgasflaschen** (z.B. Acetylen, Sauerstoff, Argon):

- Von Flammen, Hitzequellen und direkter Sonneneinstrahlung fernhalten.
- Gegen Umfallen schützen. Brennbare Gase aufrecht lagern.

**Explosives** (e.g. Munition):

- Nur mit explosionsgeschützten Geraeten lagern
- Von Zuendquellen fernhalten. Nicht fallen lassen, vor Erschütterung und Hitzeinfluss schützen.

**Spraydosen:**

- Von Flammen, Hitzequellen und direkter Sonneneinstrahlung fernhalten.
- Arbeitsplatz und Lagerraum muss gut durchlüftet sein.

### Gefahrstoff-spezifische Maßnahmen

## Maßnahmen zur VERMEIDUNG von Notfallsituationen

Schulungs-vorgaben:	<ul style="list-style-type: none"><li>Alle Personen, die mit Gefahrstoffen zu tun haben, müssen mindestens einmal pro Jahr geschult werden bezüglich Standort von und Umgang mit:<ul style="list-style-type: none"><li>Feuerlöschern,</li><li>Notfallausrüstungen (Bindemittel, Neutralisationsmitteln, etc.),</li><li>Persönlicher Schutzausrüstung, Not-Augendusche</li><li>Alarmplänen und Evakuierungsplänen,</li><li>Sicherheitsdatenblättern und Betriebsanweisungen</li><li>Notrufnummern und Notruftelefone.</li></ul></li></ul>
Auffang-vorrichtungen:	<ul style="list-style-type: none"><li>Alle gelagerten Stoffe müssen eine Auffangvorrichtung besitzen:<ul style="list-style-type: none"><li>z.B. Auffangwannen, Gefahrstoffschränke, Gefahrstoffcontainer</li><li>Die Auffangvorrichtung muss mindestens 10% aller gelagerten Gefahrstoffe oder mindestens 100% des größten Gefahrstoffbehälters zurückhalten können</li></ul></li></ul>
Ort verfügbare Notfallausrüstung:	<p><b>Notfallausrüstung:</b></p> <ul style="list-style-type: none"><li>Sachgemäßes Bindemittel für:<ul style="list-style-type: none"><li>Entzündliche Stoffe:<ul style="list-style-type: none"><li>Öl- oder Universalbindemittel (Granulat/Matten/Vliese)</li></ul></li><li>Giftige, reaktive, gesundheitsgefährdende Stoffe<ul style="list-style-type: none"><li>Universalbindemittel (Granulat/Matten/Vliese)</li></ul></li><li>Ätzende Stoffe:<ul style="list-style-type: none"><li>Bindemittel (Granulat/Matten/Vliese) für aggressive Flüssigkeiten</li></ul></li><li>Es wird empfohlen genug Bindemittel auf Vorrat zu haben, so dass 10% der gelagerten Flüssigkeiten oder den Inhalt des größten gelagerten Behälters aufgenommen werden können.</li></ul></li><li>Persönliche Schutzausrüstung für:<ul style="list-style-type: none"><li>Aetzende Stoffe: Schutzhandschuhe, Schutzbrillen, Schutzkleidung und Sicherheitsschuhe</li><li>Giftige, reaktive, gesundheitsgefährdende oder brandfördernde Stoffe: Schutzhandschuhe und Schutzbrillen</li></ul></li><li>Schaufel und Besen.</li><li>Sachgemäße Entsorgungsbehälter aus Material welches mit dem zu lagernden Gefahrstoffen kompatibel sind.</li></ul> <p><b>Notfallausrüstung für Feuerbekämpfung:</b></p> <ul style="list-style-type: none"><li>Entzündliche, brandfördernde, aetzende, giftige oder gesundheitsgefährdende Stoffe:<ul style="list-style-type: none"><li>CO2- oder Pulverfeuerlöscher</li></ul></li><li>Reaktive Stoffe/Stoffe, die in Berührung mit Wasser entzündliche Gase entwickeln:<ul style="list-style-type: none"><li>trockener Sand oder Feuerlöscher der Klasse D</li></ul></li></ul> <p><b>Erste Hilfe Ausrüstung:</b></p> <ul style="list-style-type: none"><li>Erste Hilfe Kasten, Augendusche, Notfalldusche</li></ul>



EWCode	English Description of the EWCode	German Description of the EWCode
<b>Wastes resulting from exploration, mining, dressing and further treatment of minerals and quarry</b>		
<b>01 01</b>	<b>wastes from mineral excavation</b>	
01 01 00	WASTES FROM MINERAL EXCAVATION	ABFÄLLE AUS DEM ABBAU VON BODENSCHÄTZEN
01 01 01	WASTES FROM MINERAL METALLIFEROUS EXCAVATION	ABFÄLLE AUS DEM ABBAU VON METALLHALTIGEN BODENSCHÄTZEN
01 01 02	WASTES FROM MINERAL NON-METALLIFEROUS EXCAVATION	ABFÄLLE AUS DEM ABBAU VON NICHTMETALLHALTIGEN BODENSCHÄTZEN
<b>01 03</b>	<b>wastes from physical and chemical processing of metalliferous minerals</b>	SÄURE BILDENDE AUFBEREITUNGSRÜCKSTÄNDE AUS DER VERARBEITUNG VON SULFIDISCHEM ERZ ANDERE AUFBEREITUNGSRÜCKSTÄNDE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
01 03 04*	ACID-GENERATING TAILINGS FROM PROCESSING OF SULPHIDE ORE	AUFBEREITUNGSRÜCKSTÄNDE MIT AUSNAHME DERIENGEN, DIE UNTER 010304 UND 010305 FÄLLEN
01 03 05*	OTHER TAILINGS CONTAINING DANGEROUS SUBSTANCES	ANDERE, GEFÄHRLICHE STOFFE ENTHALTENDE ABFÄLLE AUS DER PHYSIKALISCHEN UND CHEMISCHEN VERARBEITUNG VON METALLHALTIGEN BODENSCHÄTZEN
01 03 06	TAILINGS OTHER THAN THOSE MENTIONED IN 01 03 04 AND 01 03 05	STAUBENDE UND PULVRIGE ABFÄLLE MIT AUSNAHME DERIENGEN, DIE UNTER 010307 FÄLLEN ROTSCHLAMM AUS DER ALUMINIUMOXIDHERSTELLUNG MIT AUSNAHME VON ROTSCHEILOM, DER UNTER 010307 FÄLLT
01 03 07*	OTHER WASTES CONTAINING DANGEROUS SUBSTANCES FROM PHYSICAL AND CHEMICAL PROCESSING OF METALLIFEROUS MINERALS	ABFÄLLE ANDERS NICHT GENANNT
01 03 08	DUSTY AND POWDERY WASTES OTHER THAN THOSE MENTIONED IN 01 03 07	
01 03 09	RED MUD FROM ALUMINA PRODUCTION OTHER THAN THE WASTES MENTIONED IN 01 03 07	
01 03 99	WASTES NOT OTHERWISE SPECIFIED	
<b>01 04</b>	<b>wastes from physical and chemical processing of non-metalliferous minerals</b>	GEFÄHRLICHE STOFFE ENTHALTENDE ABFÄLLE AUS DER PHYSIKALISCHEN UND CHEMISCHEN WEITERVERARBEITUNG VON NICHTMETALLHALTIGEN BODENSCHÄTZEN
01 04 07*	WASTES CONTAINING DANGEROUS SUBSTANCES FROM PHYSICAL AND CHEMICAL PROCESSING OF NON-METALLIFEROUS MINERALS	ABFÄLLE VON KIES- UND GESTEINSBRUCH MIT AUSNAHME DERIENGEN, DIE UNTER 010407 FÄLLEN
01 04 08	WASTE GRAVEL AND CRUSHED ROCKS OTHER THAN THOSE MENTIONED IN 01 04 07	ABFÄLLE VON SAND UND TON
01 04 09	WASTE SAND AND CLAYS	STAUBENDE UND PULVRIGE ABFÄLLE MIT AUSNAHME DERIENGEN, DIE UNTER 010407 FÄLLEN
01 04 10	DUSTY AND POWDERY WASTES OTHER THAN THOSE MENTIONED IN 01 04 07	ABFÄLLE AUS DER VERARBEITUNG VON KALI- UND STEINSALZ MIT AUSNAHME DERIENGEN, DIE UNTER 010407 FÄLLEN
01 04 11	WASTES FROM POTASH AND ROCK-SALT PROCESSING OTHER THAN THOSE MENTIONED IN 01 04 07	AUFBEREITUNGSRÜCKSTÄNDE UND ANDERE ABFÄLLE AUS DER WÄSCHE UND REINIGUNG VON BODENSCHÄTZEN MIT AUSNAHME DERIENGEN, DIE UNTER 010407 UND 010411 FÄLLEN
01 04 12	TAILINGS AND OTHER WASTES FROM WASHING AND CLEANING OF MINERALS OTHER THAN THOSE MENTIONED IN 01 04 07 AND 01 04 11	ABFÄLLE AUS STEINMETZ- UND -SÄGEARBEITEN MIT AUSNAHME DERIENGEN, DIE UNTER 010407 FÄLLEN
01 04 13	WASTES FROM STONE CUTTING AND SAWING OTHER THAN THOSE MENTIONED IN 01 04 07	ABFÄLLE ANDERS NICHT GENANNT
01 04 99	WASTES NOT OTHERWISE SPECIFIED	
<b>01 05</b>	<b>drilling muds and other drilling wastes</b>	SCHLÄMME UND ABFÄLLE AUS SÜßWASSERBOHRUNGEN
01 05 04	FRESH-WATER DRILLING MUDS AND WASTES	ÖLHALTIGE BOHR SCHLÄMME UND -ABFÄLLE
01 05 05*	OIL-CONTAINING DRILLING MUDS AND WASTES	BOHR SCHLÄMME UND ANDERE BOHRABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
01 05 06*	DRILLING MUDS AND OTHER DRILLING WASTES CONTAINING DANGEROUS SUBSTANCES	BARYTHALTIGE BOHR SCHLÄMME UND -ABFÄLLE MIT AUSNAHME DERIENGEN, DIE UNTER 010505 UND 010506 FÄLLEN
01 05 07	BARITE-CONTAINING DRILLING MUDS AND WASTES OTHER THAN THOSE MENTIONED IN 01 05 05 AND 01 05 06	CHLORIDHALTIGE BOHR SCHLÄMME UND -ABFÄLLE MIT AUSNAHME DERIENGEN, DIE UNTER 010505 UND 010506 FÄLLEN
01 05 08	CHLORIDE-CONTAINING DRILLING MUDS AND WASTES OTHER THAN THOSE MENTIONED IN 01 05 05 AND 01 05 06	ABFÄLLE ANDERS NICHT GENANNT
01 05 99	WASTES NOT OTHERWISE SPECIFIED	
02 01 01	Wastes from agricultural, horticultural, hunting, fishing and aquacultural primary production, food preparation and processing	SCHLÄMME VON WASCH- UND REINIGUNGSVORGÄNGEN
	SLUDGES FROM WASHING AND CLEANING	

02 01 02	ANIMAL-TISSUE WASTE	ABFÄLLE AUS TIERISCHEM GEWEBE
02 01 03	PLANT-TISSUE WASTE	ABFÄLLE AUS PFLANZLICHEN GEWEBE
02 01 04	WASTE PLASTICS (EXCEPT PACKAGING)	KUNSTSTOFFABFÄLLE (OHNE VERPACKUNGEN)
02 01 06	ANIMAL FAECES, URINE AND MANURE (INCLUDING SPOILED STRAW), EFFLUENT, COLLECTED SEPARATELY AND TREATED OFF-SITE	TIERISCHE AUSSCHEIDUNGEN, GÜLE/JAUCHE UND STALLMIST (EINSCHLIEßLICH VERDORBENES STROH), ABWÄSSER, GETRENNT GESAMMELT UND EXTERN BEHANDELT
02 01 07	WASTES FROM FORESTRY	ABFÄLLE AUS DER FORSTWIRTSCHAFT
02 01 08*	AGROCHEMICAL WASTE CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE VON CHEMIKALIEN FÜR DIE LANDWIRTSCHAFT, DIE GEFÄHRLICHE STOFFE ENTHALTEN
02 01 09	AGROCHEMICAL WASTE OTHER THAN THOSE MENTIONED IN 02 01 08	ABFÄLLE VON CHEMIKALIEN FÜR DIE LANDWIRTSCHAFT MIT AUSNAHME DER JENIGEN, DIE UNTER 020108 FALLEN
02 01 10	WASTE METAL	METALLABFÄLLE
02 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
02 02 01	SLUDGES FROM WASHING AND CLEANING	SCHLÄMME VON WASCH- UND REINIGUNGSVORGÄNGEN
02 02 02	ANIMAL-TISSUE WASTE	ABFÄLLE AUS TIERISCHEM GEWEBE
02 02 03	MATERIALS UNSUITABLE FOR CONSUMPTION OR PROCESSING	FÜR VERZEHR ODER VERARBEITUNG UNGEEGNTE STOFFE
02 02 04	SLUDGES FROM ON-SITE EFFLUENT TREATMENT	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG
02 02 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
02 03 01	SLUDGES FROM WASHING, CLEANING, PEELING, CENTRIFUGING AND SEPARATION	SCHLÄMME AUS WASCH-, REINIGUNGS-, SCHÄL-, ZENTRIFUGIER- UND ABTRENNUNGSPROZESSEN
02 03 02	WASTES FROM PRESERVING AGENTS	ABFÄLLE VON KONSERVIERUNGSMATERIALIEN
02 03 03	WASTES FROM SOLVENT EXTRACTION	ABFÄLLE AUS DER EXTRAKTION MIT LÖSEMITTEN
02 03 04	MATERIALS UNSUITABLE FOR CONSUMPTION OR PROCESSING	FÜR VERZEHR ODER VERARBEITUNG UNGEEGNTE STOFFE
02 03 05	SLUDGES FROM ON-SITE EFFLUENT TREATMENT	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG
02 03 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
02 04 01	SOL FROM CLEANING AND WASHING BEET	RÜBENERDE
02 04 02	OFF-SPECIFICATION CALCIUM CARBONATE	NICHT SPEZIFIKATIONSGERECHTER CALCIUMCARBONATSCHLÄMM
02 04 03	SLUDGES FROM ON-SITE EFFLUENT TREATMENT	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG
02 04 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
02 05 01	MATERIALS UNSUITABLE FOR CONSUMPTION OR PROCESSING	FÜR VERZEHR ODER VERARBEITUNG UNGEEGNTE STOFFE
02 05 02	SLUDGES FROM ON-SITE EFFLUENT TREATMENT	ABFÄLLE VON KONSERVIERUNGSMATERIALIEN
02 05 99	WASTES NOT OTHERWISE SPECIFIED	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG
02 06 01	MATERIALS UNSUITABLE FOR CONSUMPTION OR PROCESSING	ABFÄLLE AUS DER WÄSCHE, REINIGUNG VON MECHANISCHEN ZERKLEINERUNGEN DES ROHMATERIALS
02 06 02	WASTES FROM PRESERVING AGENTS	ABFÄLLE AUS DER ALKOHOLDESTILLATION
02 06 03	SLUDGES FROM ON-SITE EFFLUENT TREATMENT	ABFÄLLE AUS DER CHEMISCHEN BEHANDLUNG
02 06 99	WASTES NOT OTHERWISE SPECIFIED	FÜR VERZEHR ODER VERARBEITUNG UNGEEGNTE STOFFE
02 07 01	WASTES FROM WASHING, CLEANING AND MECHANICAL REDUCTION OF RAW MATERIALS	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG
02 07 02	WASTES FROM SPIRITS DISTILLATION	ABFÄLLE ANDERS NICHT GENANNT
02 07 03	WASTES FROM CHEMICAL TREATMENT	
02 07 04	MATERIALS UNSUITABLE FOR CONSUMPTION OR PROCESSING	
02 07 05	SLUDGES FROM ON-SITE EFFLUENT TREATMENT	
02 07 99	WASTES NOT OTHERWISE SPECIFIED	

		Wastes from wood processing and the production of paper, cardboard, pulp, panels and furniture	
03 01 01		WASTE BARK AND CORK	RINDEN UND KORKABFÄLLE
03 01 04*		SAWDUST, SHAVINGS, CUTTINGS, WOOD, PARTICLE BOARD AND VENEER CONTAINING DANGEROUS SUBSTANCES	SÄGEMEHLEN, SPÄNE, ABSCHNITTE, HOLZ, SPANPLATTEN UND FURNIERE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
03 01 05		SAWDUST, SHAVINGS, CUTTINGS, WOOD, PARTICLE BOARD AND VENEER OTHER THAN THOSE MENTIONED IN 03 01 04	SÄGEMEHLEN, SPÄNE, ABSCHNITTE, HOLZ, SPANPLATTEN UND FURNIERE MIT AUSNAHME DERJENIGEN, DIE UNTER 030104 FALLEN
03 01 99		WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
03 02 01*		NON-HALOGENATED ORGANIC WOOD PRESERVATIVES	HALOGENFREIE ORGANISCHE HOLZSCHUTZMITTEL
03 02 02*		ORGANOCHLORINATED WOOD PRESERVATIVES	CHLORORGANISCHE HOLZSCHUTZMITTEL
03 02 03*		ORGANOMETALLIC WOOD PRESERVATIVES	METALLORGANISCHE HOLZSCHUTZMITTEL
03 02 04*		INORGANIC WOOD PRESERVATIVES	ANORGANISCHE HOLZKONSERVIERUNGSMittel
03 02 05*		OTHER WOOD PRESERVATIVES CONTAINING DANGEROUS SUBSTANCES	ANDERE HOLZSCHUTZMITTEL, DIE GEFÄHRLICHE STOFFE ENTHALTEN
03 02 99		WOOD PRESERVATIVES NOT OTHERWISE SPECIFIED	HOLZSCHUTZMITTEL ANDERS NICHT GENANNT
03 03 01		WASTE BARK AND WOOD	RINDEN- UND HOLZABFÄLLE
03 03 02		GREEN LIQUOR SLUDGE (FROM RECOVERY OF COOKING LIQUOR)	SULFITSCHLÄMME (AUS DER RÜCKGEWINNUNG VON KOCHLAUGEN)
03 03 05		DE-INKING SLUDGES FROM PAPER RECYCLING	DE-INKING-SCHLÄMME AUS DEM PAPIERRECYCLING
03 03 07		MECHANICALLY SEPARATED REJECTS FROM PULPING OF WASTE PAPER AND CARDBOARD	MECHANISCH ABGETRENNTE ABFÄLLE AUS DER AUFLÖSUNG VON PAPIER- UND PAPPABFÄLLEN
03 03 08		WASTES FROM SORTING OF PAPER AND CARDBOARD DESTINED FOR RECYCLING	ABFÄLLE AUS DEM SORTIEREN VON PAPIER UND PAPPE FÜR DAS RECYCLING
03 03 09		LIME MUD WASTE	KALKSCHLAMMABFÄLLE
03 03 10		FIBRE REJECTS, FIBRE-, FILLER- AND COATING SLUDGES FROM MECHANICAL SEPARATION	FASERABFÄLLE, FASER-, FÜLLER- UND ÜBERZUGSSCHLÄMME AUS DER MECHANISCHEN ABTRENNUNG
03 03 11		SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 03 03 10	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 030310 FALLEN
03 03 99		WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
		Wastes from the leather, fur and textile industries	
04 01 01		FLESHINGS AND LIME SPLIT WASTES	FLEISCHABSCHABUNGEN UND HÄUTEABFÄLLE
04 01 02		LIMING WASTE	GEÄSCHERTES LEIMLEDER
04 01 03*		DEGREASING WASTES CONTAINING SOLVENTS WITHOUT A LIQUID PHASE	ENTFETTUNGSABFÄLLE, LÖSEMittelHALTIG, OHNE FLÜSSIGE PHASE
04 01 04		TANNING LIQUOR CONTAINING CHROMIUM	CHROMHALTIGE GERBEREBRÜHE
04 01 05		TANNING LIQUOR FREE OF CHROMIUM	CHROMFREIE GERBEREBRÜHE
04 01 06		SLUDGES, IN PARTICULAR FROM ON-SITE EFFLUENT TREATMENT CONTAINING CHROMIUM	CHROMHALTIGE SCHLÄMME, INSbesondere AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG
04 01 07		SLUDGES, IN PARTICULAR FROM ON-SITE EFFLUENT TREATMENT FREE OF CHROMIUM	CHROMFREIE SCHLÄMME, INSbesondere AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG
04 01 08		WASTE TANNED LEATHER (BLUE SHEETINGS, SHAVINGS, CUTTINGS, BUFFING DUST)	CHROMHALTIGE ABFÄLLE AUS GEGERBTEN LEDER (ABSCHNITTE, SCHLEIFSTAUB, FALZSPÄNE)
04 01 09		CONTAINING CHROMIUM	ABFÄLLE AUS DER ZURICHTUNG UND DEM FINISH
04 01 99		WASTES FROM DRESSING AND FINISHING	ABFÄLLE ANDERS NICHT GENANNT
04 02 09		WASTES FROM COMPOSITE MATERIALS (IMPREGNATED TEXTILE, ELASTOMER, PLASTOMER)	ABFÄLLE AUS VERBUNDMATERIALIEN (IMPRÄGNIERTE TEXTILIEN, ELASTOMER, PLASTOMER)
04 02 10		ORGANIC MATTER FROM NATURAL PRODUCTS (E.G. GREASE, WAX)	ORGANISCHE STOFFE AUS NATURSTOFFEN (Z.B. FETTE, WACHSE)

04 02 14*	WASTES FROM FINISHING CONTAINING ORGANIC SOLVENTS	ABFÄLLE AUS DEM FINISH, DIE ORGANISCHE LÖSUNGSMITTEL ENTHALTEN
04 02 15	WASTES FROM FINISHING OTHER THAN THOSE MENTIONED IN 04 02 14	ABFÄLLE AUS DEM FINISH MIT AUSNAHME DER JENIGEN, DIE UNTER 040214 FALLEN
04 02 16*	DYESTUFFS AND PIGMENTS CONTAINING DANGEROUS SUBSTANCES	FARBSTOFFE UND PIGMENTE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
04 02 17	DYESTUFFS AND PIGMENTS OTHER THAN THOSE MENTIONED IN 04 02 16	FARBSTOFFE UND PIGMENTE MIT AUSNAHME DER JENIGEN, DIE UNTER 040216 FALLEN
04 02 19*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
04 02 20	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 04 02 19	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DER JENIGEN, DIE UNTER 040219 FALLEN
04 02 21	WASTES FROM UNPROCESSED TEXTILE FIBRES	ABFÄLLE AUS UNBEHANDELTEN TEXTILFÄSERN
04 02 22	WASTES FROM PROCESSED TEXTILE FIBRES	ABFÄLLE AUS VERARBEITETEN TEXTILFÄSERN
04 02 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal	
05 01 02*	DEASALT SLUDGES	ENTSAHLUNGSSCHLÄMME
05 01 03*	TANK BOTTOM SLUDGES	BODENSCHLÄMME AUS TANKS
05 01 04*	ACID ALKYL SLUDGES	SAURE ALKYL SCHLÄMME
05 01 05*	OIL SPILLS	VERSCHÜTTETES ÖL
05 01 06*	OILY SLUDGES FROM MAINTENANCE OPERATIONS OF THE PLANT OR EQUIPMENT	ÖLHALTIGE SCHLÄMME AUS BETRIEBSVORGÄNGEN UND INSTANDHALTUNG
05 01 07*	ACID TARS	ANDERE TEERE
05 01 08*	OTHER TARS	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
05 01 09*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG DER JENIGEN, DIE UNTER 050109 FALLEN
05 01 10	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 05 01 09	ABFÄLLE AUS DER BRENNSTOFFREINIGUNG MIT BASEN
05 01 11*	WASTES FROM CLEANING OF FUELS WITH BASES	SÄUREHALTIGE ÖLE
05 01 12*	OIL CONTAINING ACIDS	SCHLÄMME AUS DER KESSEL SPEISEWASSERAUFBEREITUNG
05 01 13	BOILER FEEDWATER SLUDGES	ABFÄLLE AUS KÜHLKOLONNEN
05 01 14	WASTES FROM COOLING COLUMNS	GEbrauchte Filtertöne
05 01 15*	SPENT FILTER CLAYS	SCHWEFELHALTIGE ABFÄLLE AUS DER ÖLENTSCHWEFELUNG
05 01 16	SULPHUR-CONTAINING WASTES FROM PETROLEUM DESULPHURISATION	BITUMEN
05 01 17	BITUMEN	ABFÄLLE ANDERS NICHT GENANNT
05 01 99	WASTES NOT OTHERWISE SPECIFIED	SÄURETEERE
05 06 01*	ACID TARS	ANDERE TEERE
05 06 03*	OTHER TARS	ABFÄLLE AUS KÜHLKOLONNEN
05 06 04	WASTE FROM COOLING COLUMNS	ABFÄLLE ANDERS NICHT GENANNT
05 06 99	WASTES NOT OTHERWISE SPECIFIED	QUECKSILBERHALTIGE ABFÄLLE
05 07 01*	WASTES CONTAINING MERCURY	SCHWEFELHALTIGE ABFÄLLE
05 07 02	WASTES CONTAINING SULPHUR	ABFÄLLE ANDERS NICHT GENANNT
05 07 99	WASTES NOT OTHERWISE SPECIFIED	Wastes from inorganic chemical processes
06 01 01*	SULPHURIC ACID AND SULPHURIC ACID	SCHWEFELSÄURE UND SCHWEFELIGE SÄURE
06 01 02*	HYDROCHLORIC ACID	SALZSÄURE

06 01 03*	HYDROFLUORIC ACID	FLUSSÄURE
06 01 04*	PHOSPHORIC AND PHOSPHOROUS ACID	PHOSPHORSÄURE UND PHOSPHORIGE SÄURE
06 01 05*	NITRIC ACID AND NITROUS ACID	SALPETERSÄURE UND SALPETRIGE SÄURE
06 01 06*	OTHER ACIDS	ANDERE SÄUREN
06 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
06 02 01*	CALCIUM HYDROXIDE	CALCIUMHYDROXID
06 02 03*	AMMONIUM HYDROXIDE	AMMONIUMHYDROXID
06 02 04*	SODIUM AND POTASSIUM HYDROXIDE	NATRIUM- UND KALIUMHYDROXID
06 02 05*	OTHER BASES	ANDERE BASEN
06 02 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
06 03 11*	SOLID SALTS AND SOLUTIONS CONTAINING CYANIDES	FESTE SALZE UND LÖSUNGEN, DIE CYANID ENTHALTEN
06 03 13*	SOLID SALTS AND SOLUTIONS CONTAINING HEAVY METALS	FESTE SALZE UND LÖSUNGEN, DIE SCHWERMETALLE ENTHALTEN
06 03 14	SOLID SALTS AND SOLUTIONS OTHER THAN THOSE MENTIONED IN 06 03 11 AND 06 03 13	FESTE SALZE UND LÖSUNGEN MIT AUSNAHME DER JENIGEN, DIE UNTER 060311 UND 060313 FALLEN
06 03 15*	METALLIC OXIDES CONTAINING HEAVY METALS	METALLOXIDE, DIE SCHWERMETALLE ENTHALTEN
06 03 16	METALLIC OXIDES OTHER THAN THOSE MENTIONED IN 06 03 15	METALLOXIDE MIT AUSNAHME DER JENIGEN, DIE UNTER 060315 FALLEN
06 03 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
06 04 03*	WASTES CONTAINING ARSENIC	ARSENHALTIGE ABFÄLLE
06 04 04*	WASTES CONTAINING MERCURY	QUECKSILBERHALTIGE ABFÄLLE
06 04 05*	WASTES CONTAINING OTHER HEAVY METALS	ABFÄLLE, DIE ANDERE SCHWERMETALLE ENTHALTEN
06 04 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
06 05 02*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIEBSSEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
06 05 03	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 06 05 02	SCHLÄMME AUS DER BETRIEBSSEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DER JENIGEN, DIE UNTER 060502 FALLEN
06 06 02*	WASTES CONTAINING DANGEROUS SULPHIDES	ABFÄLLE, DIE GEFÄHRLICHE SULFIDE ENTHALTEN
06 06 03	WASTES CONTAINING SULPHIDES OTHER THAN THOSE MENTIONED IN 06 06 02	SULFIDHALTIGE ABFÄLLE MIT AUSNAHME DER JENIGEN, DIE UNTER 060602 FALLEN
06 06 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
06 07 01*	WASTES CONTAINING ASBESTOS FROM ELECTROLYSIS	ASBESTHALTIGE ABFÄLLE AUS DER ELEKTROLYSE
06 07 02*	ACTIVATED CARBON FROM CHLORINE PRODUCTION	AKTIVKOHLE AUS DER CHLORHERSTELLUNG
06 07 03*	BARIUM SULPHATE SLUDGE CONTAINING MERCURY	QUECKSILBERHALTIGE BARIUMSULFATSCHLÄMME
06 07 04*	SOLUTIONS AND ACIDS, E.G. CONTACT ACID	LÖSUNGEN UND SÄUREN, Z.B. KONTAKTSÄURE
06 07 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
06 08 02*	WASTES CONTAINING DANGEROUS CHLOROSILANES	GEFÄHRLICHE CHLORSILANE ENTHALTENDE ABFÄLLE
06 08 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
06 09 02	PHOSPHOROUS SLAG	PHOSPHORHALTIGE SCHLACKE
06 09 03*	CALCIUM-BASED REACTION WASTES CONTAINING OR CONTAMINATED WITH DANGEROUS SUBSTANCES	REAKTIONSABFÄLLE AUF KALZIUMBASIS, DIE GEFÄHRLICHE STOFFE ENTHALTEN

06 09 04	CALCIUM-BASED REACTION WASTES OTHER THAN THOSE MENTIONED IN 06 09 03 WASTES NOT OTHERWISE SPECIFIED	REAKTIONSABFÄLLE AUF KALZIUMBASIS MIT AUSNAHME DERJENIGEN, DIE UNTER 060903 FALLEN ABFÄLLE ANDERS NICHT GENANNT
06 10 02*	WASTES CONTAINING DANGEROUS SUBSTANCES WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN ABFÄLLE ANDERS NICHT GENANNT
06 11 01	CALCIUM-BASED REACTION WASTES FROM TITANIUM DIOXIDE PRODUCTION WASTES NOT OTHERWISE SPECIFIED	REAKTIONSABFÄLLE AUF KALZIUMBASIS AUS DER TITANDIOXIDHERSTELLUNG ABFÄLLE ANDERS NICHT GENANNT
06 13 01*	INORGANIC PLANT PROTECTION PRODUCTS, WOOD-PRESERVING AGENTS AND OTHER BIOCIDES.	ANORGANISCHE PFLANZENSCHUTZMITTEL, HOLZSCHUTZMITTEL UND ANDERE BIOZIDE
06 13 02*	SPENT ACTIVATED CARBON (EXCEPT 06 07 02)	GEbrauchte Aktivkohle (AUßER 060702)
06 13 03	CARBON BLACK	INDUSTRIEUS
06 13 04*	WASTES FROM ASBESTOS PROCESSING	ABFÄLLE AUS DER ASBESTVERARBEITUNG
06 13 05*	SOOT	OPEN- UND KAMINRÜS
06 13 99	WASTES NOT OTHERWISE SPECIFIED Wastes from organic chemical processes	ABFÄLLE ANDERS NICHT GENANNT
07 01 01*	AQUEOUS WASHING LIQUIDS AND MOTHER LIQUORS	WÄSSRIGE WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 01 03*	ORGANIC HALOGENATED SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	HALOGENORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 01 04*	OTHER ORGANIC SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	ANDERE ORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 01 07*	HALOGENATED STILL BOTTOMS AND REACTION RESIDUES	HALOGENIERTE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 01 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 01 09*	HALOGENATED FILTER CAKES AND SPENT ABSORBENTS	HALOGENIERTE FILTERKUCHEN, GEBRAUCHTE AUFGAUGMATERIALIEN
07 01 10*	OTHER FILTER CAKES AND SPENT ABSORBENTS	ANDERE FILTERKUCHEN, GEBRAUCHTE AUFGAUGMATERIALIEN
07 01 11*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 01 12	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 07 01 11	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 070111 FALLEN
07 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
07 02 01*	AQUEOUS WASHING LIQUIDS AND MOTHER LIQUORS	WÄSSRIGE WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 02 03*	ORGANIC HALOGENATED SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	HALOGENORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 02 04*	OTHER ORGANIC SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	ANDERE ORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 02 07*	HALOGENATED STILL BOTTOMS AND REACTION RESIDUES	HALOGENIERTE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 02 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 02 09*	HALOGENATED FILTER CAKES AND SPENT ABSORBENTS	HALOGENIERTE FILTERKUCHEN, GEBRAUCHTE AUFGAUGMATERIALIEN
07 02 10*	OTHER FILTER CAKES AND SPENT ABSORBENTS	ANDERE FILTERKUCHEN, GEBRAUCHTE AUFGAUGMATERIALIEN
07 02 11*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 02 12	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 07 02 11	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 070211 FALLEN
07 02 13	WASTE PLASTIC	KUNSTSTOFFABFÄLLE
07 02 14*	WASTES FROM ADDITIVES CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE VON ZUSATZSTOFFEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 02 15	WASTES FROM ADDITIVES OTHER THAN THOSE MENTIONED IN 07 02 14	ABFÄLLE VON ZUSATZSTOFFEN MIT AUSNAHME DERJENIGEN, DIE UNTER 070214 FALLEN
07 02 16*	WASTES CONTAINING DANGEROUS SILICONES	GEFAHRLICHE SILICONE ENTHALTENDE ABFÄLLE

07 02 17	WASTE CONTAINING SILICONES OTHER THAN THOSE MENTIONED IN 07 02 16	SILICONHALTIGE ABFÄLLE, ANDERE ALS DIE IN 070216 GENANNTEN
07 02 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
07 03 01*	AQUEOUS WASHING LIQUIDS AND MOTHER LIQUORS	WÄSSRIGE WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 03 03*	ORGANIC HALOGENATED SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	HALOGENORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 03 04*	OTHER ORGANIC SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	ANDERE ORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 03 07*	HALOGENATED STILL BOTTOMS AND REACTION RESIDUES	HALOGENIERTE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 03 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 03 09*	HALOGENATED FILTER CAKES AND SPENT ABSORBENTS	HALOGENIERTE FILTERKUCHEN, GEBRAUCHTE AUFSAUGMATERIALIEN
07 03 10*	OTHER FILTER CAKES AND SPENT ABSORBENTS	ANDERE FILTERKUCHEN, GEBRAUCHTE AUFSAUGMATERIALIEN
07 03 11*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 03 12	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 07 03 11	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 070311 FALLEN
07 03 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
07 04 01*	AQUEOUS WASHING LIQUIDS AND MOTHER LIQUORS	WÄSSRIGE WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 04 03*	ORGANIC HALOGENATED SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	HALOGENORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 04 04*	OTHER ORGANIC SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	ANDERE ORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 04 07*	HALOGENATED STILL BOTTOMS AND REACTION RESIDUES	HALOGENIERTE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 04 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 04 09*	HALOGENATED FILTER CAKES AND SPENT ABSORBENTS	HALOGENIERTE FILTERKUCHEN, GEBRAUCHTE AUFSAUGMATERIALIEN
07 04 10*	OTHER FILTER CAKES AND SPENT ABSORBENTS	ANDERE FILTERKUCHEN, GEBRAUCHTE AUFSAUGMATERIALIEN
07 04 11*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 04 12	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 07 04 11	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 070411 FALLEN
07 04 13*	SOLID WASTES CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 04 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
07 05 01*	AQUEOUS WASHING LIQUIDS AND MOTHER LIQUORS	WÄSSRIGE WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 05 03*	ORGANIC HALOGENATED SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	HALOGENORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 05 04*	OTHER ORGANIC SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	ANDERE ORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 05 07*	HALOGENATED STILL BOTTOMS AND REACTION RESIDUES	HALOGENIERTE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 05 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 05 09*	HALOGENATED FILTER CAKES AND SPENT ABSORBENTS	HALOGENIERTE FILTERKUCHEN, GEBRAUCHTE AUFSAUGMATERIALIEN
07 05 10*	OTHER FILTER CAKES AND SPENT ABSORBENTS	ANDERE FILTERKUCHEN, GEBRAUCHTE AUFSAUGMATERIALIEN
07 05 11*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 05 12	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 07 05 11	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 070511 FALLEN
07 05 13*	SOLID WASTES CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 05 14	SOLID WASTES OTHER THAN THOSE MENTIONED IN 07 05 13	FESTE ABFÄLLE MIT AUSNAHME DERJENIGEN, DIE UNTER 070513 FALLEN
07 05 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
07 06 01*	AQUEOUS WASHING LIQUIDS AND MOTHER LIQUORS	WÄSSRIGE WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN

07 06 03*	ORGANIC HALOGENATED SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	HALOGENORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 06 04*	OTHER ORGANIC SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	ANDERE ORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 06 07*	HALOGENATED STILL BOTTOMS AND REACTION RESIDUES	HALOGENIERTE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 06 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 06 09*	HALOGENATED FILTER CAKES AND SPENT ABSORBENTS	HALOGENIERTE FILTERKUCHEN, GEbrauchte AUFSAUGMATERIALIEN
07 06 10*	OTHER FILTER CAKES AND SPENT ABSORBENTS	ANDERE FILTERKUCHEN, GEbrauchte AUFSAUGMATERIALIEN
07 06 11*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 06 12	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 07	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 070611 FALLEN
06 11	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
07 07 01*	AQUEOUS WASHING LIQUIDS AND MOTHER LIQUORS	WÄSSRIGE WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 07 03*	ORGANIC HALOGENATED SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	HALOGENORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 07 04*	OTHER ORGANIC SOLVENTS, WASHING LIQUIDS AND MOTHER LIQUORS	ANDERE ORGANISCHE LÖSEMittel, WASCHFLÜSSIGKEITEN UND MUTTERLAUGEN
07 07 07*	HALOGENATED STILL BOTTOMS AND REACTION RESIDUES	HALOGENIERTE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 07 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE
07 07 09*	HALOGENATED FILTER CAKES AND SPENT ABSORBENTS	HALOGENIERTE FILTERKUCHEN, GEbrauchte AUFSAUGMATERIALIEN
07 07 10*	OTHER FILTER CAKES AND SPENT ABSORBENTS	ANDERE FILTERKUCHEN, GEbrauchte AUFSAUGMATERIALIEN
07 07 11*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
07 07 12	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 07	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 070711 FALLEN
07 11	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
07 07 99	Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks	
08 01 11*	WASTE PAINT AND VARNISH CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	FARB- UND LACKABFÄLLE, DIE ORGANISCHE LÖSEMittel ODER ANDERE GEFÄHRLICHE STOFFE ENTHALTEN
08 01 12	WASTE PAINT AND VARNISH OTHER THAN THOSE MENTIONED IN 08 01 11	FARB- UND LACKABFÄLLE MIT AUSNAHME DERJENIGEN, DIE UNTER 080111 FALLEN
08 01 13*	SLUDGES FROM PAINT OR VARNISH CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	FARB- UND LACKSCHLÄMME, DIE ORGANISCHE LÖSEMittel ODER ANDERE GEFÄHRLICHE STOFFE ENTHALTEN
08 01 14	SLUDGES FROM PAINT OR VARNISH OTHER THAN THOSE MENTIONED IN 08 01 13	FARB- UND LACKSCHLÄMME MIT AUSNAHME DERJENIGEN, DIE UNTER 080113 FALLEN
08 01 15*	AQUEOUS SLUDGES CONTAINING PAINT OR VARNISH CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	WÄSSRIGE SCHLÄMME, DIE FARBEN ODER LACKE MIT ORGANISCHEN LÖSEMitteln ODER ANDEREN GEFÄHRLICHEN STOFFEN ENTHALTEN
08 01 16	AQUEOUS SLUDGES CONTAINING PAINT OR VARNISH OTHER THAN THOSE MENTIONED IN 08 01 15	WÄSSRIGE SCHLÄMME, DIE FARBEN ODER LACKE ENTHALTEN, MIT AUSNAHME DERJENIGEN, DIE UNTER 080115 ALLEN
08 01 17*	WASTES FROM PAINT OR VARNISH REMOVAL CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	ABFÄLLE AUS DER FARB- ODER LACKENTFERNUNG, DIE ORGANISCHE LÖSEMittel ODER ANDERE GEFÄHRLICHE STOFFE ENTHALTEN
08 01 18	WASTES FROM PAINT OR VARNISH REMOVAL OTHER THAN THOSE MENTIONED IN 08 01 17	ABFÄLLE AUS DER FARB- ODER LACKENTFERNUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 080117 FALLEN
08 01 19*	AQUEOUS SUSPENSIONS CONTAINING PAINT OR VARNISH CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	WÄSSRIGE SUSPENSIONEN, DIE FARBEN ODER LACKE MIT ORGANISCHEN LÖSEMitteln ODER ANDEREN GEFÄHRLICHEN STOFFEN ENTHALTEN
08 01 20	AQUEOUS SUSPENSIONS CONTAINING PAINT OR VARNISH OTHER THAN THOSE MENTIONED IN 08 01 19	WÄSSRIGE SUSPENSIONEN, DIE FARBEN ODER LACKE ENTHALTEN, MIT AUSNAHME DERJENIGEN, DIE UNTER 080119 FALLEN

08 01 21*	WASTE PAINT OR VARNISH REMOVER	FARB- ODER LACKENTFERNERABFÄLLE
08 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
08 02 01	WASTE COATING POWDERS	ABFÄLLE VON BESCHICHTUNGSPULVER
08 02 02	AQUEOUS SLUDGES CONTAINING CERAMIC MATERIALS	WÄSSRIGE SCHLÄMME, DIE KERAMISCHE WERKSTOFFE ENTHALTEN
08 02 03	AQUEOUS SUSPENSIONS CONTAINING CERAMIC MATERIALS	WÄSSRIGE SUSPENSIONEN, DIE KERAMISCHE WERKSTOFFE ENTHALTEN
08 02 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
08 03 07	AQUEOUS SLUDGES CONTAINING INK	WÄSSRIGE SCHLÄMME, DIE DRUCKFARBEN ENTHALTEN
08 03 08	AQUEOUS LIQUID WASTE CONTAINING INK	WÄSSRIGE FLÜSSIGE ABFÄLLE, DIE DRUCKFARBEN ENTHALTEN
08 03 12*	WASTE INK CONTAINING DANGEROUS SUBSTANCES	DRUCKFARBENABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
08 03 13	WASTE INK OTHER THAN THOSE MENTIONED IN 08 03 12	DRUCKFARBENABFÄLLE MIT AUSNAHME DERENIGEN, DIE UNTER 080312 FALLEN
08 03 14*	INK SLUDGES CONTAINING DANGEROUS SUBSTANCES	DRUCKFARBENSCHLÄMME, DIE GEFÄHRLICHE STOFFE ENTHALTEN
08 03 15	INK SLUDGES OTHER THAN THOSE MENTIONED IN 08 03 14	DRUCKFARBENSCHLÄMME MIT AUSNAHME DERENIGEN, DIE UNTER 080314 FALLEN
08 03 16*	WASTE ETCHING SOLUTIONS	ABFÄLLE VON ÄTZLÖSUNGEN
08 03 17*	WASTE PRINTING TONER CONTAINING DANGEROUS SUBSTANCES	TONERABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
08 03 18	WASTE PRINTING TONER OTHER THAN THOSE MENTIONED IN 08 03 17	TONERABFÄLLE MIT AUSNAHME DERENIGEN, DIE UNTER 080317 FALLEN
08 03 19*	DISPERSE OIL	DISPERSIONSÖL
08 03 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
08 04 09*	WASTE ADHESIVES AND SEALANTS CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	KLEBSTOFF- UND DICHTMASENABFÄLLE, DIE ORGANISCHE LÖSEMITTEL ODER ANDERE GEFÄHRLICHE STOFFE ENTHALTEN
08 04 10	WASTE ADHESIVES AND SEALANTS OTHER THAN THOSE MENTIONED IN 08 04 09	KLEBSTOFF- UND DICHTMASENABFÄLLE MIT AUSNAHME DERENIGEN, DIE UNTER 080409 FALLEN
08 04 11*	ADHESIVE AND SEALANT SLUDGES CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	KLEBSTOFF- UND DICHTMASENHALTIGE SCHLÄMME, DIE ORGANISCHE LÖSEMITTEL ODER ANDERE GEFÄHRLICHE STOFFE ENTHALTEN
08 04 12	ADHESIVE AND SEALANT SLUDGES OTHER THAN THOSE MENTIONED IN 08 04 11	KLEBSTOFF- UND DICHTMASENHALTIGE SCHLÄMME MIT AUSNAHME DERENIGEN, DIE UNTER 080411 FALLEN
08 04 13*	AQUEOUS SLUDGES CONTAINING ADHESIVES OR SEALANTS CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	WÄSSRIGE SCHLÄMME, DIE KLEBSTOFFE ODER DICHTMASSEN MIT ORGANISCHEN LÖSEMITTELN ODER ANDEREN GEFÄHRLICHEN STOFFEN ENTHALTEN
08 04 14	AQUEOUS SLUDGES CONTAINING ADHESIVES OR SEALANTS OTHER THAN THOSE MENTIONED IN 08 04 13	WÄSSRIGE SCHLÄMME, DIE KLEBSTOFFE ODER DICHTMASSEN ENTHALTEN, MIT AUSNAHME DERENIGEN, DIE UNTER 080413 FALLEN
08 04 15*	AQUEOUS LIQUID WASTE CONTAINING ADHESIVES OR SEALANTS CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	WÄSSRIGE FLÜSSIGE ABFÄLLE, DIE KLEBSTOFFE ODER DICHTMASSEN MIT ORGANISCHEN LÖSEMITTELN ODER ANDEREN GEFÄHRLICHEN STOFFEN ENTHALTEN, MIT AUSNAHME DERENIGEN, DIE UNTER 080413 FALLEN
08 04 16	AQUEOUS LIQUID WASTE CONTAINING ADHESIVES OR SEALANTS OTHER THAN THOSE MENTIONED IN 08 04 15	WÄSSRIGE FLÜSSIGE ABFÄLLE, DIE KLEBSTOFFE ODER DICHTMASSEN ENTHALTEN, MIT AUSNAHME DERENIGEN, DIE UNTER 080415 FALLEN
08 04 17*	ROSIN OIL	HARZÖLE
08 04 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
08 05 01*	WASTE ISOCYANATES	ISOCYANATABFÄLLE
	Wastes from the photographic industry	
09 01 01*	WATER-BASED DEVELOPER AND ACTIVATOR SOLUTIONS	ENTWICKLER UND AKTIVATORENLÖSUNGEN AUF WASSERBASIS
09 01 02*	WATER-BASED OFFSET PLATE DEVELOPER SOLUTIONS	OFFSEITDRUCKPLATTEN-ENTWICKLERLÖSUNGEN AUF WASSERBASIS
09 01 03*	SOLVENT-BASED DEVELOPER SOLUTIONS	ENTWICKLERLÖSUNGEN AUF LÖSEMITTELBASIS
09 01 04*	FIXER SOLUTIONS	FIXIERBÄDER
09 01 05*	BLEACH SOLUTIONS AND BLEACH FIXER SOLUTIONS	BLEECHLÖSUNGEN UND BLEICH-FIXIER-BÄDER
09 01 06*	WASTES CONTAINING SILVER FROM ON-SITE TREATMENT OF PHOTOGRAPHIC WASTES	SILBERHALTIGE ABFÄLLE AUS DER BETRIEBSIEGENEN BEHANDLUNG FOTOGRAFISCHER ABFÄLLE
09 01 07	PHOTOGRAPHIC FILM AND PAPER CONTAINING SILVER OR SILVER COMPOUNDS	FILME UND FOTOGRAFISCHE PAPIERE, DIE SILBER ODER SILVERVERBINDUNGEN ENTHALTEN

09 01 08	PHOTOGRAPHIC FILM AND PAPER FREE OF SILVER OR SILVER COMPOUNDS	FILME UND FOTOGRAFISCHE PAPIERE, DIE KEIN SILBER UND KEINE SILBERVERBINDUNGEN ENTHALTEN
09 01 10	SINGLE-USE CAMERAS WITHOUT BATTERIES	EINWEGKAMERAS OHNE BATTERIEN
09 01 11*	SINGLE-USE CAMERAS CONTAINING BATTERIES INCLUDED IN 16 06 01, 16 06 02 OR 16 06 03	EINWEGKAMERAS MIT BATTERIEN, DIE UNTER 160601, 160602 ODER 160603 FALLEN
09 01 12	SINGLE-USE CAMERAS CONTAINING BATTERIES OTHER THAN THOSE MENTIONED IN 09 01 11	EINWEGKAMERAS MIT BATTERIEN MIT AUSNAHME DERJENIGEN, DIE UNTER 090111 FALLEN
09 01 13*	AQUEOUS LIQUID WASTE FROM ON-SITE RECLAMATION OF SILVER OTHER THAN THOSE MENTIONED IN 09 01 06	WÄSSRIGE FLÜSSIGE ABFÄLLE AUS DER BETRIESEIGENEN SILBERRÜCKGEWINNUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 090106 FALLEN
09 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
10 01 01	BOTTOM ASH, SLAG AND BOILER DUST (EXCLUDING BOILER DUST MENTIONED IN 10 01 04)	ROST- UND KESSELASCHE, SCHLACKEN UND KESSELSTAUB MIT AUSNAHME VON KESSELSTAUB, DER UNTER 100104 FÄLLT
10 01 02	COAL FLY ASH	FILTERSTÄUFE AUS KOHLEFEUERUNG
10 01 03	FLY ASH FROM PEAT AND UNTREATED WOOD	FILTERSTÄUFE AUS TORFFFEUERUNG UND FEUERUNG MIT (UNBEHANDELTEN) HOLZ
10 01 04*	OIL FLY ASH AND -BOILER DUST	FILTERSTÄUFE UND KESSELSTAUB AUS ÖLFEUERUNG
10 01 05	CALCIUM-BASED REACTION WASTES FROM FLUE-GAS DESULPHURISATION IN SOLID FORM	REAKTIONSABFÄLLE AUF KALZIUMBASIS AUS DER RAUCHGASENTSCHWEFELUNG IN FESTER FORM
10 01 07	CALCIUM-BASED REACTION WASTES FROM FLUE-GAS DESULPHURISATION IN SLUDGE FORM	REAKTIONSABFÄLLE AUF KALZIUMBASIS AUS DER RAUCHGASENTSCHWEFELUNG IN FORM VON SCHLÄMMEN
10 01 09*	SULPHURIC ACID	SCHWEFELSÄURE
10 01 13*	FLY ASH FROM EMULSIFIED HYDROCARBONS USED AS FUEL	FILTERSTÄUFE AUS EMULGIERTEN, ALS BRENNSTOFFE VERWENDETEN KOHLENWASSERSTOFFEN
10 01 14*	BOTTOM ASH, SLAG AND BOILER DUST FROM CO-INCINERATION CONTAINING DANGEROUS SUBSTANCES	ROST- UND KESSELASCHE, SCHLACKEN UND KESSELSTAUB AUS DER ABFALLMITVERBRENNUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 01 15	BOTTOM ASH, SLAG AND BOILER DUST FROM CO-INCINERATION OTHER THAN THOSE MENTIONED IN 10 01 14	ROST- UND KESSELASCHE, SCHLACKEN UND KESSELSTAUB AUS DER ABFALLMITVERBRENNUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 100111+F6684+FALLEN
10 01 16*	FLY ASH FROM CO-INCINERATION CONTAINING DANGEROUS SUBSTANCES	FILTERSTÄUFE AUS DER ABFALLMITVERBRENNUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 01 17	FLY ASH FROM CO-INCINERATION OTHER THAN THOSE MENTIONED IN 10 01 16	FILTERSTÄUFE AUS DER ABFALLMITVERBRENNUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 100116 FALLEN
10 01 18*	WASTES FROM GAS CLEANING CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 01 19	WASTES FROM GAS CLEANING OTHER THAN THOSE MENTIONED IN 10 01 05, 10 01 07 AND 10 01 18	ABFÄLLE AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 100105, 100107 UND 100118 FALLEN
10 01 20*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 01 21	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 10 01 20	SCHLÄMME AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 100120 FALLEN
10 01 22*	AQUEOUS SLUDGES FROM BOILER CLEANSING CONTAINING DANGEROUS SUBSTANCES	WÄSSRIGE SCHLÄMME AUS DER KESSELREINIGUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 01 23	AQUEOUS SLUDGES FROM BOILER CLEANSING OTHER THAN THOSE MENTIONED IN 10 01 22	WÄSSRIGE SCHLÄMME AUS DER KESSELREINIGUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 100122 FALLEN
10 01 24	SANDS FROM FLUIDISED BEDS	SANDE AUS DER WIRBELSCHICHTFEUERUNG
10 01 25	WASTES FROM FUEL STORAGE AND PREPARATION OF COAL-FIRED POWER PLANTS	ABFÄLLE AUS DER LAGERUNG UND VORBEREITUNG VON BRENNSTOFFEN FÜR KOLELKRAFTWERKE
10 01 26	WASTES FROM COOLING-WATER TREATMENT	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG
10 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
10 02 01	WASTES FROM THE PROCESSING OF SLAG	ABFÄLLE AUS DER VERARBEITUNG VON SCHLACKE

		UNVERARBEITETE SCHLACKE	
10 02 02	UNPROCESSED SLAG	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN	
10 02 07*	SOLID WASTES FROM GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERIENGEN, DIE UNTER 100207 FALLEN	
10 02 08	SOLID WASTES FROM GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 02 07	WAIZZUNDER	
10 02 10	MILL SCALES	ÖLHALTIGE ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG	
10 02 11*	WASTES FROM COOLING-WATER TREATMENT CONTAINING OIL	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG MIT AUSNAHME DERIENGEN, DIE UNTER 100211 FALLEN	
10 02 12	WASTES FROM COOLING-WATER TREATMENT OTHER THAN THOSE MENTIONED IN 10 02 11	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE	
10 02 13*	SLUDGES AND FILTER CAKES FROM GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	ENTHALTEN	
10 02 14	SLUDGES AND FILTER CAKES FROM GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 02 13	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERIENGEN, DIE UNTER 100213 FALLEN	
10 02 15	OTHER SLUDGES AND FILTER CAKES	ANDERE SCHLÄMME UND FILTERKUCHEN	
10 02 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT	
10 03 02	ANODE SCRAPS	ANODENSCHROTT	
10 03 04*	PRIMARY PRODUCTION SLAGS	SCHLACKEN AUS DER ERSTSCHMELZE	
10 03 05	WASTE ALUMINA	ALUMINIUMOXIDABFÄLLE	
10 03 08*	SALT SLAGS FROM SECONDARY PRODUCTION	SALZSCHLACKEN AUS DER ZWEITSCHMELZE	
10 03 09*	BLACK DROSES FROM SECONDARY PRODUCTION	SCHWARZE KRÄTZEN AUS DER ZWEITSCHMELZE	
10 03 15*	SKIMMINGS THAT ARE FLAMMABLE OR EMIT, UPON CONTACT WITH WATER, FLAMMABLE GASES IN DANGEROUS QUANTITIES	SCHWARZER SCHAUMLAUF, DER ENTZÜNDLICH IST ODER IN KONTAKT MIT WASSER ENTZÜNDLICHE GASE IN GEFAHRLICHER MENGE ABGIBT	
10 03 16	SKIMMINGS OTHER THAN THOSE MENTIONED IN 10 03 15	ABSCHAUM MIT AUSNAHME DERIENGEN, DER UNTER 100315 FÄLLT	
10 03 17*	TAR-CONTAINING WASTES FROM ANODE MANUFACTURE	TEERHALTIGE ABFÄLLE AUS DER ANODENHERSTELLUNG	
10 03 18	CARBON-CONTAINING WASTES FROM ANODE MANUFACTURE OTHER THAN THOSE MENTIONED IN 10 03 17	ABFÄLLE AUS DER ANODENHERSTELLUNG DIE KOHLENSTOFFE ENTHALTEN, MIT AUSNAHME DERIENGEN, DIE UNTER 100317 FALLEN	
10 03 19*	FLUE-GAS DUST CONTAINING DANGEROUS SUBSTANCES	FILTERSTAUB, DER GEFÄHRLICHE STOFFE ENTHÄLT	
10 03 20	FLUE-GAS DUST OTHER THAN THOSE MENTIONED IN 10 03 19	FILTERSTAUB MIT AUSNAHME VON FILTERSTAUB, DER UNTER 100319 FÄLLT	
10 03 21*	OTHER PARTICULATES AND DUST (INCLUDING BALL-MILL DUST) CONTAINING DANGEROUS SUBSTANCES	ANDERE TEILCHEN UND STAUB (EINSCHLIEßLICH KUGELMÜHLENSTAUB), DIE GEFÄHRLICHE STOFFE ENTHALTEN	
10 03 22	OTHER PARTICULATES AND DUST (INCLUDING BALL-MILL DUST) OTHER THAN THOSE MENTIONED IN 10 03 21	TEILCHEN UND STAUB (EINSCHLIEßLICH KUGELMÜHLENSTAUB) MIT AUSNAHME DERIENGEN, DIE UNTER 100321 FALLEN	
10 03 23*	SOLID WASTES FROM GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN	
10 03 24	SOLID WASTES FROM GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 03 23	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERIENGEN, DIE UNTER 100323 FALLEN	
10 03 25*	SLUDGES AND FILTER CAKES FROM GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN	
10 03 26	SLUDGES AND FILTER CAKES FROM GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 03 25	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERIENGEN, DIE UNTER 100325 FALLEN	
10 03 27*	WASTES FROM COOLING-WATER TREATMENT CONTAINING OIL	ÖLHALTIGE ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG	
10 03 28	WASTES FROM COOLING-WATER TREATMENT OTHER THAN THOSE MENTIONED IN 10 03 27	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG MIT AUSNAHME DERIENGEN, DIE UNTER 100327 FALLEN	
10 03 29*	DANGEROUS SUBSTANCES	GEFAHRLICHE STOFFE ENTHALTENDE ABFÄLLE AUS DER BEHANDLUNG VON SALZSCHLACKEN UND SCHWARZEN KRÄTZEN	
10 03 30	WASTES FROM TREATMENT OF SALT SLAGS AND BLACK DROSES OTHER THAN THOSE MENTIONED IN 10 03 29	ABFÄLLE AUS DER BEHANDLUNG VON SALZSCHLACKEN UND SCHWARZEN KRÄTZEN MIT AUSNAHME DERIENGEN, DIE UNTER 100329 FALLEN	
10 03 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT	

10 04 01*	SLAGS FROM PRIMARY AND SECONDARY PRODUCTION	SCHLACKEN (ERST- UND ZWEITSCHMELZE)
10 04 02*	DROSS AND SKIMMINGS FROM PRIMARY AND SECONDARY PRODUCTION	KRÄTZEN UND ABSCHAUM (ERST- UND ZWEITSCHMELZE)
10 04 03*	CALCIUM ARSENATE	CALCIUMARSENAT
10 04 04*	FLUE-GAS DUST	FILTERSTAUB
10 04 05*	OTHER PARTICULATES AND DUST	ANDERE TEILCHEN UND STAUB
10 04 06*	SOLID WASTES FROM GAS TREATMENT	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG
10 04 07*	SLUDGES AND FILTER CAKES FROM GAS TREATMENT	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG
10 04 09*	WASTES FROM COOLING-WATER TREATMENT CONTAINING OIL	ÖLHALTIGE ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG
10 04 10	WASTES FROM COOLING-WATER TREATMENT OTHER THAN THOSE MENTIONED IN 10	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG MIT AUSNAHME DER JENIGEN, DIE UNTER 100409
04 09	WASTES NOT OTHERWISE SPECIFIED	FALLEN ABFÄLLE ANDERS NICHT GENANNT
10 05 01	SLAGS FROM PRIMARY AND SECONDARY PRODUCTION	SCHLACKEN (ERST- UND ZWEITSCHMELZE)
10 05 03*	FLUE-GAS DUST	FILTERSTAUB
10 05 04	OTHER PARTICULATES AND DUST	ANDERE TEILCHEN UND STAUB
10 05 05*	SOLID WASTE FROM GAS TREATMENT	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG
10 05 06*	SLUDGES AND FILTER CAKES FROM GAS TREATMENT	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG
10 05 08*	WASTES FROM COOLING-WATER TREATMENT CONTAINING OIL	ÖLHALTIGE ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG
10 05 09	WASTES FROM COOLING-WATER TREATMENT OTHER THAN THOSE MENTIONED IN 10	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG MIT AUSNAHME DER JENIGEN, DIE UNTER 100508
05 08	WASTES NOT OTHERWISE SPECIFIED	FALLEN KRÄTZEN UND ABSCHAUM, DIE ENTZÜNDLICH SIND ODER IN KONTAKT MIT WASSER ENTZÜNDLICHE GASE IN GEFAHRLICHER MENGЕ ABGEBEN
10 05 10*	DROSS AND SKIMMINGS THAT ARE FLAMMABLE OR EMIT, UPON CONTACT WITH WATER, FLAMMABLE GASES IN DANGEROUS QUANTITIES	KRÄTZEN UND ABSCHAUM MIT AUSNAHME DER JENIGEN, DIE UNTER 100510 FALLEN
10 05 11	DROSS AND SKIMMINGS OTHER THAN THOSE MENTIONED IN 10 05 10	ABFÄLLE ANDERS NICHT GENANNT
10 05 99	WASTES NOT OTHERWISE SPECIFIED	
10 06 01	SLAGS FROM PRIMARY AND SECONDARY PRODUCTION	SCHLACKEN (ERST- UND ZWEITSCHMELZE)
10 06 02	DROSS AND SKIMMINGS FROM PRIMARY AND SECONDARY PRODUCTION	KRÄTZEN UND ABSCHAUM (ERST- UND ZWEITSCHMELZE)
10 06 03*	FLUE-GAS DUST	FILTERSTAUB
10 06 04	OTHER PARTICULATES AND DUST	ANDERE TEILCHEN UND STAUB
10 06 06*	SOLID WASTES FROM GAS TREATMENT	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG
10 06 07*	SLUDGES AND FILTER CAKES FROM GAS TREATMENT	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG
10 06 09*	WASTES FROM COOLING-WATER TREATMENT CONTAINING OIL	ÖLHALTIGE ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG
10 06 10	WASTES FROM COOLING-WATER TREATMENT OTHER THAN THOSE MENTIONED IN 10	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG MIT AUSNAHME DER JENIGEN, DIE UNTER 100609
06 09	WASTES NOT OTHERWISE SPECIFIED	FALLEN ABFÄLLE ANDERS NICHT GENANNT
10 07 01	SLAGS FROM PRIMARY AND SECONDARY PRODUCTION	SCHLACKEN (ERST- UND ZWEITSCHMELZE)
10 07 02	DROSS AND SKIMMINGS FROM PRIMARY AND SECONDARY PRODUCTION	KRÄTZEN UND ABSCHAUM (ERST- UND ZWEITSCHMELZE)
10 07 03	SOLID WASTES FROM GAS TREATMENT	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG
10 07 04	OTHER PARTICULATES AND DUST	ANDERE TEILCHEN UND STAUB
10 07 05	SLUDGES AND FILTER CAKES FROM GAS TREATMENT	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG
10 07 07*	WASTES FROM COOLING-WATER TREATMENT CONTAINING OIL	ÖLHALTIGE ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG
10 07 08	WASTES FROM COOLING-WATER TREATMENT OTHER THAN THOSE MENTIONED IN 10	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG MIT AUSNAHME DER JENIGEN, DIE UNTER 100707
07 07	WASTES NOT OTHERWISE SPECIFIED	FALLEN ABFÄLLE ANDERS NICHT GENANNT
10 07 99	WASTES NOT OTHERWISE SPECIFIED	

	PARTICULATES AND DUST	TEILCHEN UND STAUB
10 08 04	SALT SLAG FROM PRIMARY AND SECONDARY PRODUCTION	SALZSCHLACKEN (ERST- UND ZWEITSCHMELZE)
10 08 08*	OTHER SLAGS	ANDERE SCHLACKEN
10 08 09	DROSS AND SKIMMINGS THAT ARE FLAMMABLE OR EMIT, UPON CONTACT WITH	KRÄTZEN UND ABSCHAUM, DIE ENTZÜNDLICH SIND ODER IN KONTAKT MIT WASSER ENTZÜNDLICHE
10 08 10*	WATER, FLAMMABLE GASES IN DANGEROUS QUANTITIES	GASE IN GEFÄHRLICHER MENGE ABGEBEN
10 08 11	DROSS AND SKIMMINGS OTHER THAN THOSE MENTIONED IN 10 08 10	KRÄTZEN UND ABSCHAUM MIT AUSNAHME DERJENIGEN, DIE UNTER 100810 FÄLLEN
10 08 12*	TAR-CONTAINING WASTES FROM ANODE MANUFACTURE	TEERHALTIGE ABFÄLLE FE68AUS DER ANODENHERSTELLUNG
10 08 13	CARBON-CONTAINING WASTES FROM ANODE MANUFACTURE OTHER THAN THOSE MENTIONED IN 10 08 12	KOHLENSTOFFHALTIGE ABFÄLLE AUS DER ANODENHERSTELLUNG, MIT AUSNAHME DERJENIGEN, DIE UNTER 10 08 12 FÄLLEN
10 08 14	ANODE SCRAP	ANODENSCHROTT
10 08 15*	FLUE-GAS DUST CONTAINING DANGEROUS SUBSTANCES	FILTERSTAUB, DER GEFÄHRLICHE STOFFE ENTHÄLT
10 08 16	FLUE-GAS DUST OTHER THAN THOSE MENTIONED IN 10 08 15	FILTERSTAUB MIT AUSNAHME DESJENIGEN, DER UNTER 100815 FÄLLT
10 08 17*	SLUDGES AND FILTER CAKES FROM FLUE-GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 08 18	SLUDGES AND FILTER CAKES FROM FLUE-GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 08 17	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 100817 FÄLLEN
10 08 19*	WASTES FROM COOLING-WATER TREATMENT CONTAINING OIL	ÖLHALTIGE ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG
10 08 20	WASTES FROM COOLING-WATER TREATMENT OTHER THAN THOSE MENTIONED IN 10 08 19	ABFÄLLE AUS DER KÜHLWASSERBEHANDLUNG MIT AUSNAHME DERJENIGEN, DIE UNTER 100819 FÄLLEN
10 08 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
10 09 03	FURNACE SLAG	OFFENSCHLACKE
10 09 05*	CASTING CORES AND MOULDS WHICH HAVE NOT UNDERGONE POURING CONTAINING DANGEROUS SUBSTANCES	GEFÄHRLICHE STOFFE ENTHALTENDE GIEßFORMEN UND -SANDE VOR DEM GIËREN
10 09 06	CASTING CORES AND MOULDS WHICH HAVE NOT UNDERGONE POURING OTHER THAN THOSE MENTIONED IN 10 09 05	GEIßFORMEN UND -SANDE VOR DEM GIËREN MIT AUSNAHME DERJENIGEN, DIE UNTER 100905 FÄLLEN
10 09 07*	CASTING CORES AND MOULDS WHICH HAVE UNDERGONE POURING CONTAINING DANGEROUS SUBSTANCES	GEIßFORMEN UND -SANDE NACH DEM GIËREN
10 09 08	CASTING CORES AND MOULDS WHICH HAVE UNDERGONE POURING OTHER THAN THOSE MENTIONED IN 10 09 07	GEIßFORMEN UND -SANDE NACH DEM GIËREN MIT AUSNAHME DERJENIGEN, DIE UNTER 100907 FÄLLEN
10 09 09*	FLUE-GAS DUST CONTAINING DANGEROUS SUBSTANCES	FILTERSTAUB, DER GEFÄHRLICHE STOFFE ENTHÄLT
10 09 10	FLUE-GAS DUST OTHER THAN THOSE MENTIONED IN 10 09 09	FILTERSTAUB MIT AUSNAHME DESJENIGEN, DER UNTER 100909 FÄLLT
10 09 11*	OTHER PARTICULATES CONTAINING DANGEROUS SUBSTANCES	ANDERE TEILCHEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 09 12	OTHER PARTICULATES OTHER THAN THOSE MENTIONED IN 10 09 11	TEILCHEN MIT AUSNAHME DERJENIGEN, DIE UNTER 100911 FÄLLEN
10 09 13*	WASTE BINDERS CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE VON BINDEMITTELN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 09 14	WASTE BINDERS OTHER THAN THOSE MENTIONED IN 10 09 13	ABFÄLLE VON BINDEMITTELN MIT AUSNAHME DERJENIGEN, DIE UNTER 100913 FÄLLEN
10 09 15*	WASTE CRACK-INDICATING AGENT CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE AUS RISSANZEIGENDEN SUBSTANZEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 09 16	WASTE CRACK-INDICATING AGENT OTHER THAN THOSE MENTIONED IN 10 09 15	ABFÄLLE AUS RISSANZEIGENDEN SUBSTANZEN MIT AUSNAHME DERJENIGEN, DIE UNTER 100915 FÄLLEN
10 09 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
10 10 03	FURNACE SLAG	OFFENSCHLACKE
10 10 05*	CASTING CORES AND MOULDS WHICH HAVE NOT UNDERGONE POURING CONTAINING DANGEROUS SUBSTANCES	GEFÄHRLICHE STOFFE ENTHALTENDE GIEßFORMEN UND -SANDE VOR DEM GIËREN

10 10 06	CASTING CORES AND MOULDS WHICH HAVE NOT UNDERGONE POURING OTHER THAN THOSE MENTIONED IN 10 10 05	GIEßFORMEN UND -SANDE VOR DEM GIEßen MIT AUSNAHME DERIENIGEN, DIE UNTER 101005 FÄLLEN
10 10 07*	CASTING CORES AND MOULDS WHICH HAVE UNDERGONE POURING OTHER THAN DANGEROUS SUBSTANCES	GEFÄHRLICHE STOFFE ENTHALTENDE GIEßFORMEN UND -SANDE NACH DEM GIEßen GIEßFORMEN UND -SANDE NACH DEM GIEßen MIT AUSNAHME DERIENIGEN, DIE UNTER 101007 FÄLLEN
10 10 08	CASTING CORES AND MOULDS WHICH HAVE UNDERGONE POURING OTHER THAN THOSE MENTIONED IN 10 10 07	FILTERSTAUB, DER GEFÄHRLICHE STOFFE ENTHÄLT FILTERSTAUB MIT AUSNAHME DERIENIGEN DER UNTER 101009 FÄLLT ANDERE TEILCHEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 10 09*	FLUE-GAS DUST CONTAINING DANGEROUS SUBSTANCES	TEILCHEN MIT AUSNAHME DERIENIGEN, DIE UNTER 101011 FÄLLEN ABFÄLLE VON BINDEMITTELN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 10 10	FLUE-GAS DUST OTHER THAN THOSE MENTIONED IN 10 10 09	ABFÄLLE VON BINDEMITTELN MIT AUSNAHME DERIENIGEN, DIE UNTER 101013 FÄLLEN
10 10 11*	OTHER PARTICULATES CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE AUS RISANZEIGENDEN SUBSTANZEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 10 12	OTHER PARTICULATES OTHER THAN THOSE MENTIONED IN 10 10 11	ABFÄLLE AUS RISANZEIGENDEN SUBSTANZEN MIT AUSNAHME DERIENIGEN, DIE UNTER 101015 FÄLLEN
10 10 13*	WASTE BINDERS CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE ANDERS NICHT GENANNT
10 10 14	WASTE BINDERS OTHER THAN THOSE MENTIONED IN 10 10 13	GLASFASERABFALL
10 10 15*	WASTE CRACK-INDICATING AGENT CONTAINING DANGEROUS SUBSTANCES	TEILCHEN UND STAUB
10 10 16	WASTE CRACK-INDICATING AGENT OTHER THAN THOSE MENTIONED IN 10 10 15	GEMENGEABFALL MIT GEFÄHRLICHEN STOFFEN VOR DEM SCHMELZEN GEMENGEABFALL VOR DEM SCHMELZEN MIT AUSNAHME DESJENIGEN, DER UNTER 101109 FÄLLT GLASABFALL IN KLEINEN TEILCHEN UND GLASSTAUB, DIE SCHWERMETALLE ENTHALTEN (Z.B. AUS ELEKTRONENSTRÄHLRÖHREN)
10 10 99	WASTES NOT OTHERWISE SPECIFIED	GLASABFALL MIT AUSNAHME DESJENIGEN, DAS UNTER 101111 FÄLLT
10 11 03	WASTE GLASS-BASED FIBROUS MATERIALS	GLASPOLIER- UND GLASSCHLEIFSCHLÄMME, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 11 05	PARTICULATES AND DUST	GLASPOLIER- UND GLASSCHLEIFSCHLÄMME MIT AUSNAHME DERIENIGEN, DIE UNTER 101113 FÄLLEN
10 11 09*	WASTE PREPARATION MIXTURE BEFORE THERMAL PROCESSING CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 11 10	WASTE PREPARATION MIXTURE BEFORE THERMAL PROCESSING OTHER THAN THOSE MENTIONED IN 10 11 09	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERIENIGEN, DIE UNTER 101115 FÄLLEN
10 11 11*	WASTE GLASS IN SMALL PARTICLES AND GLASS POWDER CONTAINING HEAVY METALS (E.G. FROM CATHODE RAY TUBES)	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 11 12	WASTE GLASS OTHER THAN THOSE MENTIONED IN 10 11 11	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERIENIGEN, DIE UNTER 101117 FÄLLEN
10 11 13*	GLASS-POLISHING AND -GRINDING SLUDGE CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 11 14	GLASS-POLISHING AND -GRINDING SLUDGE OTHER THAN THOSE MENTIONED IN 10 11 13	FESTE ABFÄLLE AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERIENIGEN, DIE UNTER 101119 FÄLLEN
10 11 15*	SOLID WASTES FROM FLUE-GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE ANDERS NICHT GENANNT
10 11 16	SOLID WASTES FROM FLUE-GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 11 15	ROHMISCHUNGEN VOR DEM BRENNEN
10 11 17*	SLUDGES AND FILTER CAKES FROM FLUE-GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	TEILCHEN UND STAUB
10 11 18	SLUDGES AND FILTER CAKES FROM FLUE-GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 11 17	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERIENIGEN, DIE UNTER 101117 FÄLLEN
10 11 19*	SOLID WASTES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 11 20	SOLID WASTES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 10 11 19	FESTE ABFÄLLE AUS DER BETRIESEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DERIENIGEN, DIE UNTER 101119 FÄLLEN
10 11 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
10 12 01	WASTE PREPARATION MIXTURE BEFORE THERMAL PROCESSING	ROHMISCHUNGEN VOR DEM BRENNEN
10 12 03	PARTICULATES AND DUST	TEILCHEN UND STAUB
10 12 05	SLUDGES AND FILTER CAKES FROM GAS TREATMENT	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG
10 12 06	DISCARDED MOULDS	VERWORFENE FORMEN

		WASTE CERAMICS, BRICKS, TILES AND CONSTRUCTION PRODUCTS (AFTER THERMAL PROCESSING)	ABFÄLLE AUS KERAMIKERZEUGNISSEN, ZIEGELN, FLIESEN UND STEINZEUG (NACH DEM BRENNEN)
10 12 08	10 12 09*	SOLID WASTES FROM GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 12 10		SOLID WASTES FROM GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 12 09	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERENIGEN, DIE UNTER 101209 FALLEN
10 12 11*		WASTES FROM GLAZING CONTAINING HEAVY METALS	GLASURABFÄLLE, DIE SCHWERMETALLE ENTHALTEN
10 12 12		WASTES FROM GLAZING OTHER THAN THOSE MENTIONED IN 10 12 11	GLASURABFÄLLE MIT AUSNAHME DERENIGEN, DIE UNTER 101211 FALLEN
10 12 13		SLUDGE FROM ON-SITE EFFLUENT TREATMENT	SCHLÄMME AUS DER BETRIEBSSEIGENEN ABWASSERBEHANDLUNG
10 12 99		WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
10 13 01		WASTE PREPARATION MIXTURE BEFORE THERMAL PROCESSING	ABFÄLLE VON ROHGERMENGE VOR DEM BRENNEN
10 13 04		WASTES FROM CALCINATION AND HYDRATION OF LIME	ABFÄLLE AUS DER KALZINIERUNG UND HYDRATISIERUNG VON BRANNTKALK
10 13 06		PARTICULATES AND DUST (EXCEPT 10 13 12 AND 10 13 13)	TEILCHEN UND STAUB (AUßER 101312 UND 101313)
10 13 07		SLUDGES AND FILTER CAKES FROM GAS TREATMENT	SCHLÄMME UND FILTERKUCHEN AUS DER ABGASBEHANDLUNG
10 13 09*		WASTES FROM ASBESTOS-CEMENT MANUFACTURE CONTAINING ASBESTOS	ASBESTHALTIGE ABFÄLLE AUS DER HERSTELLUNG VON ASBESTZEMENT
10 13 10		WASTES FROM ASBESTOS-CEMENT MANUFACTURE OTHER THAN THOSE MENTIONED IN 10 13 09	ABFÄLLE AUS DER HERSTELLUNG VON ASBESTZEMENT MIT AUSNAHME DERENIGEN, DIE UNTER 101309 FALLEN
10 13 11		WASTES FROM CEMENT-BASED COMPOSITE MATERIALS OTHER THAN THOSE MENTIONED IN 10 13 09 AND 10 13 10	ABFÄLLE AUS DER HERSTELLUNG ANDERER VERBUNDSTOFFE AUF ZEMENTBASIS MIT AUSNAHME DERENIGEN, DIE UNTER 101309 UND 101310 FALLEN
10 13 12*		SOLID WASTES FROM GAS TREATMENT CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
10 13 13		SOLID WASTES FROM GAS TREATMENT OTHER THAN THOSE MENTIONED IN 10 13 12	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG MIT AUSNAHME DERENIGEN, DIE UNTER 101312 FALLEN
10 13 14		WASTE CONCRETE AND CONCRETE SLUDGE	BETONABFÄLLE UND BETONSCHLÄMME
10 13 99		WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
10 14 01*		WASTE FROM GAS CLEANING CONTAINING MERCURY	QUECKSILBERHALTIGE ABFÄLLE AUS DER GASREINIGUNG
		Inorganic metal-containing wastes from metal treatment and the coating of metals, and non-ferrous hydrometallurgy	
11 01 05*		PICKLING ACIDS	SAURE BEIZLÖSUNGEN
11 01 06*		ACIDS NOT OTHERWISE SPECIFIED	SÄUREN ANDERS NICHT GENANNT
11 01 07*		PICKLING BASES	ALKALISCHE BEIZLÖSUNGEN
11 01 08*		PHOSPHATISING SLUDGES	PHOSPHATIERSCHLÄMME
11 01 09*		SLUDGES AND FILTER CAKES CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME UND FILTERKUCHEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
11 01 10		SLUDGES AND FILTER CAKES OTHER THAN THOSE MENTIONED IN 11 01 09	SCHLÄMME UND FILTERKUCHEN MIT AUSNAHME DERENIGEN, DIE UNTER 110109 FALLEN
11 01 11*		AQUEOUS RINSING LIQUIDS CONTAINING DANGEROUS SUBSTANCES	WÄSSRIGE SPÜLFÄLLE MIT AUSNAHME DERENIGEN, DIE UNTER 110111 FALLEN
11 01 12		AQUEOUS RINSING LIQUIDS OTHER THAN THOSE MENTIONED IN 11 01 11	ABFÄLLE AUS DER ENTFETTUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
11 01 13*		DEGREASING WASTES CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE AUS DER ENTFETTUNG MIT AUSNAHME DERENIGEN, DIE UNTER 110113 FALLEN
11 01 14		DEGREASING WASTES OTHER THAN THOSE MENTIONED IN 11 01 13	ELUATE AND SLUDGES FROM MEMBRANE SYSTEMS OR ION EXCHANGE SYSTEMS
11 01 15*		CONTAINING DANGEROUS SUBSTANCES	GEFÄHRLICHE STOFFE ENTHALTEN
11 01 16*		SATURATED OR SPENT ION EXCHANGE RESINS	GESÄTTIGTE ODER VERBAUCHTE IONENAUSTAUSCHERHARZE
11 01 98*		OTHER WASTES CONTAINING DANGEROUS SUBSTANCES	ANDERE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
11 01 99		WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
11 02 02*		SLUDGES FROM ZINC HYDROMETALLURGY (INCL. JAROSITE, GOETHITE)	SCHLÄMME AUS DER ZINK-HYDROMETALLURGIE (EINSCHLÜBLICH JAROSIT, GOETHIT)

11 02 03	WASTES FROM THE PRODUCTION OF ANODES FOR AQUEOUS ELECTROLYTICAL PROCESSES	ABFÄLLE AUS DER HERSTELLUNG VON ANODEN FÜR WÄSSRIGE ELEKTROLYTISCHE PROZESSE
11 02 05*	WASTES FROM COPPER HYDROMETALLURGICAL PROCESSES CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE AUS PROZESSEN DER KUPFER-HYDROMETALLURGIE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
11 02 06	WASTES FROM COPPER HYDROMETALLURGICAL PROCESSES OTHER THAN THOSE MENTIONED IN 11 02 05	ABFÄLLE AUS PROZESSEN DER KUPFER-HYDROMETALLURGIE MIT AUSNAHME DERENIGEN, DIE UNTER 110205 ALLEN ANDERE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
11 02 07*	OTHER WASTES CONTAINING DANGEROUS SUBSTANCES	ABFÄLLE ANDERS NICHT GENANNT
11 02 99	WASTES NOT OTHERWISE SPECIFIED	
11 03 01*	WASTES CONTAINING CYANIDE	CYANIDHALTIGE ABFÄLLE
11 03 02*	OTHER WASTES	ANDERE ABFÄLLE
11 05 01	HARD ZINC	HARTZINK
11 05 02	ZINC ASH	ZINKASCHE
11 05 03*	SOLID WASTES FROM GAS TREATMENT	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG
11 05 04*	SPENT FLUX	GE BRAUCHTE FLUSSMITTEL
11 05 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
12	<b>TREATMENT OF METALS AND PLASTICS</b>	
	wastes from shaping and physical and mechanical surface treatment of metals and plastics	
12 01	FERROUS METAL FILINGS AND TURNINGS	EISENFEIL- UND -DREHSPÄNE
12 01 01	FERROUS METAL DUST AND PARTICLES	EISENSTAUB UND -TEILE
12 01 02	NON-FERROUS METAL FILINGS AND TURNINGS	NE-METALLFEIL- UND -DREHSPÄNE
12 01 03	NON-FERROUS METAL DUST AND PARTICLES	NE-METALLSTAUB UND -TEILCHEN
12 01 04	PLASTICS SHAVINGS AND TURNINGS	KUNSTSTOFFSPÄNE UND -DREHSPÄNE
12 01 05	MINERAL-BASED MACHINING OILS CONTAINING HALOGENS (EXCEPT EMULSIONS AND SOLUTIONS)	HALOGENHALTIGE BEARBEITUNGÖLE AUF MINERALÖLBASIS (AUßER EMULSIONEN UND LÖSUNGEN)
12 01 06*	MINERAL-BASED MACHINING OILS FREE OF HALOGENS (EXCEPT EMULSIONS AND SOLUTIONS)	HALOGENFREIE BEARBEITUNGÖLE AUF MINERALÖLBASIS (AUßER EMULSIONEN UND LÖSUNGEN)
12 01 07*	MACHINING EMULSIONS AND SOLUTIONS CONTAINING HALOGENS	HALOGENHALTIGE BEARBEITUNGSEMULSIONEN UND -LÖSUNGEN
12 01 08*	MACHINING EMULSIONS AND SOLUTIONS FREE OF HALOGENS	HALOGENFREIE BEARBEITUNGSEMULSIONEN UND -LÖSUNGEN
12 01 09*	SYNTHETIC MACHINING OILS	SYNTETISCHE BEARBEITUNGSSÖLE
12 01 10*	SPENT WAXES AND FATS	GE BRAUCHTE WACHSE UND FETTE
12 01 12*	WELDING WASTES	SCHWEISSABFÄLLE
12 01 13	MACHINING SLUDGES CONTAINING DANGEROUS SUBSTANCES	BEARBEITUNGSSCHLÄMME, DIE GEFÄHRLICHE STOFFE ENTHALTEN
12 01 14*	MACHINING SLUDGES OTHER THAN THOSE MENTIONED IN 12 01 14	BEARBEITUNGSSCHLÄMME MIT AUSNAHME DERENIGEN, DIE UNTER 120114 FALLEN
12 01 15	WASTE BLASTING MATERIAL CONTAINING DANGEROUS SUBSTANCES	STRAHLMITTELABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
12 01 16*	WASTE BLASTING MATERIAL OTHER THAN THOSE MENTIONED IN 12 01 16	STRAHLMITTELABFÄLLE MIT AUSNAHME DERENIGEN, DIE UNTER 120116 FALLEN
12 01 17	METAL SLUDGE (GRINDING, HONING AND LAPPING SLUDGE) CONTAINING OIL	ÖLHALTIGE METALLSCHLÄMME (SCHLEIF-, HON- UND LÄPPSCHLÄMME)
12 01 18*	READILY BIODEGRADABLE MACHINING OIL	BIOLOGISCH LEICHT ABBAUBARE BEARBEITUNGSSÖLE
12 01 19*	SPENT GRINDING BODIES AND GRINDING MATERIALS CONTAINING DANGEROUS SUBSTANCES	GE BRAUCHTE HON- UND SCHLEIFMITTEL, DIE GEFÄHRLICHE STOFFE ENTHALTEN
12 01 20*	SPENT GRINDING BODIES AND GRINDING MATERIALS OTHER THAN THOSE MENTIONED IN 12 01 20	GE BRAUCHTE HON- UND SCHLEIFMITTEL MIT AUSNAHME DERENIGEN, DIE UNTER 120120 FALLEN
12 01 21	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT

		WÄSSRIGE WASCHFLÜSSIGKEITEN ABFÄLLE AUS DER DAMPFENTFETTUNG
12 03 01*	AQUEOUS WASHING LIQUIDS	
12 03 02*	STEAM DEGREASING WASTES	
<b>13 Oil wastes (except edible oils, 05 anbd 12)</b>		
<b>13 01 waste hydraulic oils</b>		HYDRAULIKÖLE, DIE PCB (1) ENTHALTEN CHLORIERTE EMULSIONEN NICHTCHLORIERTE EMULSIONEN
13 01 01*	HYDRAULIC OILS, CONTAINING PCBS	CHLORIERTE HYDRAULIKÖLE AUF MINERALÖLBASIS NICHTCHLORIERTE HYDRAULIKÖLE AUF MINERALÖLBASIS SYNTETISCHE HYDRAULIKÖLE BIOLOGISCH LEICHT ABBAUBARE HYDRAULIKÖLE ANDERE HYDRAULIKÖLE
13 01 04*	CHLORINATED EMULSIONS	
13 01 05*	NON-CHLORINATED EMULSIONS	
13 01 09*	MINERAL-BASED CHLORINATED HYDRAULIC OILS	
13 01 10*	MINERAL BASED NON-CHLORINATED HYDRAULIC OILS	
13 01 11*	SYNTHETIC HYDRAULIC OILS	
13 01 12*	READILY BIODEGRADABLE HYDRAULIC OILS	
13 01 13*	OTHER HYDRAULIC OILS	
<b>13 02 waste engine, gear and lubricating oils</b>		CHLORIERTE MASCHINEN-, GETRIEBE- UND SCHMIERÖLE AUF MINERALÖLBASIS NICHTCHLORIERTE MASCHINEN-, GETRIEBE- UND SCHMIERÖLE AUF MINERALÖLBASIS SYNTETISCHE MASCHINEN-, GETRIEBE- UND SCHMIERÖLE BIOLOGISCH LEICHT ABBAUBARE MASCHINEN-, GETRIEBE- UND SCHMIERÖLE ANDERE MASCHINEN-, GETRIEBE- UND SCHMIERÖLE
13 02 04*	MINERAL-BASED CHLORINATED ENGINE, GEAR AND LUBRICATING OILS	
13 02 05*	MINERAL-BASED NON-CHLORINATED ENGINE, GEAR AND LUBRICATING OILS	
13 02 06*	SYNTHETIC ENGINE, GEAR AND LUBRICATING OILS	
13 02 07*	READILY BIODEGRADABLE ENGINE, GEAR AND LUBRICATING OILS	
13 02 08*	OTHER ENGINE, GEAR AND LUBRICATING OILS	
<b>13 03 waste insulating and heat transmission oils</b>		ISOIERT- UND WÄRMEÜBERTRAGUNGSÖLE, DIE PCB (1) ENTHALTEN CHLORIERTE ISOLIER- UND WÄRMEÜBERTRAGUNGSÖLE AUF MINERALÖLBASIS MIT AUSNAHME DERENIGEN, DIE UNTER 130301 FALLEN
13 03 01*	INSULATING OR HEAT TRANSMISSION OILS CONTAINING PCBS	
13 03 06*	MINERAL-BASED CHLORINATED INSULATING AND HEAT TRANSMISSION OILS OTHER THAN THOSE MENTIONED IN 13 03 01	NICHTCHLORIERTE ISOLIER- UND WÄRMEÜBERTRAGUNGSÖLE AUF MINERALÖLBASIS SYNTETISCHE ISOLIER- UND WÄRMEÜBERTRAGUNGSÖLE BIOLOGISCH LEICHT ABBAUBARE ISOLIER- UND WÄRMEÜBERTRAGUNGSÖLE ANDERE ISOLIER- UND WÄRMEÜBERTRAGUNGSÖLE
13 03 07*	MINERAL-BASED NON-CHLORINATED INSULATING AND HEAT TRANSMISSION OILS	
13 03 08*	SYNTHETIC INSULATING AND HEAT TRANSMISSION OILS	
13 03 09*	READILY BIODEGRADABLE INSULATING AND HEAT TRANSMISSION OILS	
13 03 10*	OTHER INSULATING AND HEAT TRANSMISSION OILS	
<b>13 04 bilge oils</b>		BILGENÖLE AUS DER BINNENSCHIFFFAHRT BILGENÖLE AUS MOLENABLÄUFKANÄLEN BILGENÖLE AUS DER ÜBRIGEN SCHIFFFAHRT
13 04 01*	BILGE OILS FROM INLAND NAVIGATION	
13 04 02*	BILGE OILS FROM JETTY SEWERS	
13 04 03*	BILGE OILS FROM OTHER NAVIGATION	
<b>13 05 oil/water separator contents</b>		FESTE ABFÄLLE AUS SANDEANGANLAGEN UND ÖL-/WASSERABSCHIEDERN SCHLÄMME AUS ÖL-/WASSERABSCHIEDERN SCHLÄMME AUS EINLAUFSCÄHTEN ÖLE AUS ÖL-/WASSERABSCHIEDERN ÖLIGES WASSER AUS ÖL-/WASSERABSCHIEDERN ABFALLGEMISCHE AUS SANDFANGANLAGEN UND ÖL-/WASSERABSCHIEDERN
13 05 01*	SOLIDS FROM GRIT CHAMBERS AND OIL/WATER SEPARATORS	
13 05 02*	SLUDGES FROM OIL/WATER SEPARATORS	
13 05 03*	INTERCEPTOR SLUDGES	
13 05 06*	OIL FROM OIL/WATER SEPARATORS	
13 05 07*	OILY WATER FROM OIL/WATER SEPARATORS	
13 05 08*	MIXTURES OF WASTES FROM GRIT CHAMBERS AND OIL/WATER SEPARATORS	
<b>13 07 wastes of liquid fuels</b>		HEIZÖL UND DIESEL BENZIN ANDERE BRENNSTOFFE (EINSCHLIEßLICH GEMISCHE)
13 07 01*	FUEL OIL AND DIESEL	
13 07 02*	PETROL	
13 07 03*	OTHER FUELS (INCLUDING MIXTURES)	
<b>13 08 oil wastes not otherwise specified</b>		
13 08 01*	DESLALTER SLUDGES OR EMULSIONS	SCHLÄMME ODER EMULSIONEN AUS ENTSAZERN ANDERE EMULSIONEN
13 08 02*	OTHER EMULSIONS	ABFÄLLE ANDERS NICHT GENANNT
13 08 99*	WASTES NOT OTHERWISE SPECIFIED	
<b>14 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except</b>		

<b>14 06</b>	<b>waste organic solvents, refrigerants and foam/aerosol propellants</b>	FLUORCHLORKOHLENWASSERSTOFFE, H-FCKW, H-FKW ANDERE HALOGENIERTE LÖSEMITTEL UND LÖSEMITTELGEMISCHE ANDERE LÖSEMITTEL UND LÖSEMITTELGEMISCHE SCHLÄMME ODER FESTE ABFÄLLE, DIE HALOGENIERTE LÖSEMITTEL ENTHALTEN SCHLÄMME ODER FESTE ABFÄLLE, DIE ANDERE LÖSEMITTEL ENTHALTEN
14 06 01*	CHLOROFLUOROCARBONS, HCFC, HFC	
14 06 02*	OTHER HALOGENATED SOLVENTS AND SOLVENT MIXTURES	
14 06 03*	OTHER SOLVENTS AND SOLVENT MIXTURES	
14 06 04*	SLUDGES OR SOLID WASTES CONTAINING HALOGENATED SOLVENTS	
14 06 05*	SLUDGES OR SOLID WASTES CONTAINING OTHER SOLVENTS	
<b>15</b>	<b>Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified</b>	
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>	
15 01 01	PAPER AND CARDBOARD PACKAGING	VERPACKUNGEN AUS PAPIER UND PAPPE
15 01 02	PLASTIC PACKAGING	VERPACKUNGEN AUS KUNSTSTOFF
15 01 03	WOODEN PACKAGING	VERPACKUNGEN AUS HOLZ
15 01 04	METALLIC PACKAGING	VERPACKUNGEN AUS METALL
15 01 05	COMPOSITE PACKAGING	VERBUNDVERPACKUNGEN
15 01 06	MIXED PACKAGING	GEMISCHTE VERPACKUNGEN
15 01 07	GLASS PACKAGING	VERPACKUNGEN AUS GLAS
15 01 09	TEXTILE PACKAGING	VERPACKUNGEN AUS TEXTILIEN
15 01 10*	PACKAGING CONTAINING RESIDUES OF OR CONTAMINATED BY DANGEROUS SUBSTANCES	VERPACKUNGEN, DIE RÜCKSTÄNDE GEFÄHRLICHER STOFFE ENTHALTEN ODER DURCH GEFÄHRLICHE STOFFE VERUNREINIGT SIND
15 01 11*	METALLIC PACKAGING CONTAINING A DANGEROUS SOLID POROUS MATRIX (E.G. ASBESTOS), INCLUDING EMPTY PRESSURE CONTAINERS	VERPACKUNGEN AUS METALL, DIE EINE GEFÄHRLICHE FESTE PORÖSE MATRIX (Z.B. ASBEST) ENTHALTEN. EINSCHLIESSLICH GELEERTER DRUCKBEHÄLTNISSE
<b>15 02</b>	<b>absorbents, filter materials, wiping cloths and protective clothing</b>	
15 02 02*	ABSORBENTS, FILTER MATERIALS (INCLUDING OIL FILTERS NOT OTHERWISE SPECIFIED), WIPI NG CLOTHS, PROTECTIVE CLOTHING CONTAMINATED BY DANGEROUS SUBSTANCES	AUFSAUG- UND FILTERMATERIALIEN (EINSCHLIESSLICH ÖLFILTER A.N.G.) WISCHTÜCHER UND SCHUTZKLEIDUNG, DIE DURCH GEFÄHRLICHE STOFFE VERUNREINIGT SIND
15 02 03	ABSORBENTS, FILTER MATERIALS, WIPI NG CLOTHS AND PROTECTIVE CLOTHING OTHER THAN THOSE MENTIONED IN 15 02 02	AUFSAUG- UND FILTERMATERIALIEN, WISCHTÜCHER UND SCHUTZKLEIDUNG MIT AUSNAHME DERENIGEN, DIE UNTER 150202 FALLEN
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>	
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>	
16 01 03	END-OFF-LIFE TYRES	ALTRIEFEN
16 01 04*	END-OFF-LIFE VEHICLES	ALTFahrzeuge
16 01 06	END-OFF-LIFE VEHICLES, CONTAINING NEITHER LIQUIDS NOR OTHER HAZARDOUS COMPONENTS	ALTFahrzeuge, die WEDER FLÜSSIGKEITEN NOCH ANDERE GEFÄHRLICHE BESTANDTEILE ENTHALTEN
16 01 07*	OIL FILTERS	ÖLFILTER
16 01 08*	COMPONENTS CONTAINING MERCURY	QUECKSILBERHALTIGE BESTANDTEILE
16 01 09*	COMPONENTS CONTAINING PCB'S	BESTANDTEILE, DIE PCB ENTHALTEN
16 01 10*	EXPLOSIVE COMPONENTS (E.G. AIR BAGS)	EXPLOSIVE BAUTEILE (Z.B. AUS AIRBAGS)
16 01 11*	BRAKE PADS CONTAINING ASBESTOS	ASBESTHALTIGE BREMSBELÄGE
16 01 12	BRAKE PADS OTHER THAN THOSE MENTIONED IN 16 01 11	BREMSEFLÜSSIGKEITEN
16 01 13*	BRAKE FLUIDS	FROSTSCHUTZMITTEL, DIE GEFÄHRLICHE STOFFE ENTHALTEN
16 01 14*	ANTIFREEZE FLUIDS CONTAINING DANGEROUS SUBSTANCES	FROSTSCHUTZMITTEL MIT AUSNAHME DERENIGEN, DIE UNTER 160114 FALLEN
16 01 15	ANTIFREEZE FLUIDS OTHER THAN THOSE MENTIONED IN 16 01 14	FLÜSSIGGASBEHÄLTER
16 01 16	TANKS FOR LIQUEFIED GAS	EISENMETALLE
16 01 17	FERROUS METAL	

16 01 18	NON-FERROUS METAL	NICHTEISENMETALLE
16 01 19	PLASTIC	KUNSTSTOFFE
16 01 20	GLASS	GLAS
16 01 21*	HAZARDOUS COMPONENTS OTHER THAN THOSE MENTIONED IN 16 01 07 TO 16 01 11 AND 16 01 13 AND 16 01 14	GEFÄHRLICHE BAUTEILE MIT AUSNAHME DERIENIGEN, DIE UNTER 160107 BIS 160111, 160113 UND 160114 FALLEN
16 01 22	COMPONENTS NOT OTHERWISE SPECIFIED	BAUTEILE ANDERS NICHT GENANNT
16 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>	
16 02 09*	TRANSFORMERS AND CAPACITORS CONTAINING PCB'S	TRANSFORMATOREN UND KONDENSATOREN, DIE PCB ENTHALTEN
16 02 10*	DISCARDED EQUIPMENT CONTAINING OR CONTAMINATED BY PCB'S OTHER THAN THOSE MENTIONED IN 16 02 09	GEFÄHRTE GERÄTE, DIE PCB ENTHALTEN ODER DAMIT VERUNREINIGT SIND, MIT AUSNAHME DERIENIGEN, DIE UNTER 160209 FALLEN
16 02 11*	DISCARDED EQUIPMENT CONTAINING CHLOROFLUOROCARBONS, HCFC, HFC	GEFÄHRTE GERÄTE, DIE TEIL- UND VOLLAUFGEGENIERTE FLUORCHLORKOHLENWASSERSTOFFE ENTHALTEN
16 02 12*	DISCARDED EQUIPMENT CONTAINING FREE ASBESTOS	GEFÄHRLICHE BESTANDTEILE (2) ENTHALTENDE GEBRAUCHTE GERÄTE MIT AUSNAHME DERIENIGEN, DIE UNTER 160209 BIS 160212 FALLEN
16 02 13*	DISCARDED EQUIPMENT CONTAINING HAZARDOUS COMPONENTS OTHER THAN THOSE MENTIONED IN 16 02 09 TO 16 02 12	GEFÄHRTE GERÄTE MIT AUSNAHME DERIENIGEN, DIE UNTER 160209 BIS 160213 FALLEN
16 02 14	DISCARDED EQUIPMENT OTHER THAN THOSE MENTIONED IN 16 02 09 TO 16 02 13	AUS GEBRAUCHTEN GERÄTEN ENTERNIETE GEFÄHRLICHE BESTANDTEILE
16 02 15*	HAZARDOUS COMPONENTS REMOVED FROM DISCARDED EQUIPMENT	AUS GEBRAUCHTEN GERÄTEN ENTERNIETE BESTANDTEILE MIT AUSNAHME DERIENIGEN, DIE UNTER 160215 FALLEN
16 02 16	COMPONENTS REMOVED FROM DISCARDED EQUIPMENT OTHER THAN THOSE MENTIONED IN 16 02 15	
<b>16 03</b>	<b>off-specification batches and unused products</b>	
16 03 03*	INORGANIC WASTES CONTAINING DANGEROUS SUBSTANCES	ANORGANISCHE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
16 03 04	INORGANIC WASTES OTHER THAN THOSE MENTIONED IN 16 03 03	ANORGANISCHE ABFÄLLE MIT AUSNAHME DERIENIGEN, DIE UNTER 160303 FALLEN
16 03 05*	ORGANIC WASTES CONTAINING DANGEROUS SUBSTANCES	ORGANISCHE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
16 03 06	ORGANIC WASTES OTHER THAN THOSE MENTIONED IN 16 03 05	ORGANISCHE ABFÄLLE MIT AUSNAHME DERIENIGEN, DIE UNTER 160305 FALLEN
<b>16 04</b>	<b>waste explosives</b>	
16 04 01*	WASTE AMMUNITION	MUNITION
16 04 02*	FIREWORKS WASTES	FEUERWERKSKÖRPERABFÄLLE
16 04 03*	OTHER WASTE EXPLOSIVES	ANDERE EXPLOSIVABFÄLLE
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>	
16 05 04*	GASES IN PRESSURE CONTAINERS (INCLUDING HALONS) CONTAINING DANGEROUS SUBSTANCES	GEFÄHRLICHE STOFFE ENTHALTEND GASE IN DRUCKBEHÄLTERN (EINSCHLIEßLICH HALONEN)
16 05 05	GASES IN PRESSURE CONTAINERS OTHER THAN THOSE MENTIONED IN 16 05 04	GASE IN DRUCKBEHÄLTERN MIT AUSNAHME DERIENIGEN, DIE UNTER 160504 FALLEN
16 05 06*	LABORATORY CHEMICALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES INCLUDING MIXTURES OF LABORATORY CHEMICALS	LABORCHEMIKALIEN, DIE AUS GEFÄHRLICHEN STOFFEN BESTEHEN ODER SOLCHE ENTHALTEN, EINSCHLIEßLICH GEMISCHE VON LABORCHEMIKALIEN
16 05 07*	DISCARDED INORGANIC CHEMICALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES	GEFÄHRTE ANORGANISCHE CHEMIKALIEN, DIE AUS GEFÄHRLICHEN STOFFEN BESTEHEN ODER SOLCHE ENTHALTEN
16 05 08*	DISCARDED ORGANIC CHEMICALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES	GEFÄHRTE ORGANISCHE CHEMIKALIEN, DIE AUS GEFÄHRLICHEN STOFFEN BESTEHEN ODER SOLCHE ENTHALTEN
16 05 09	DISCARDED CHEMICALS OTHER THAN THOSE MENTIONED IN 16 05 06, 16 05 07 OR 16 05 08	GEFÄHRTE CHEMIKALIEN MIT AUSNAHME DERIENIGEN, DIE UNTER 160507 ODER 160508 FALLEN
<b>16 06</b>	<b>batteries and accumulators</b>	
16 06 01*	LEAD BATTERIES	BLEIBATTERIEN
16 06 02*	NI-CD BATTERIES	NI-CD-BATTERIEN
16 06 03*	MERCURY-CONTAINING BATTERIES	QUECKSILBER ENTHALTENDE BATTERIEN

16 06 04	ALKALINE BATTERIES (EXCEPT 16 06 03)	ALKALIBATTERIEN (AUßER 160603)
16 06 05	OTHER BATTERIES AND ACCUMULATORS	ANDERE BATTERIEN UND AKKUMULATOREN
16 06 06*	SEPARATELY COLLECTED ELECTROLYTE FROM BATTERIES AND ACCUMULATORS	GETRENNT GESAMMELTE ELEKTROLYTE AUS BATTERIEN UND AKKUMULATOREN
<b>16 07</b>	<b>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</b>	
16 07 08*	WASTES CONTAINING OIL	ÖLHALTIGE ABFÄLLE
16 07 09*	WASTES CONTAINING OTHER DANGEROUS SUBSTANCES	ABFÄLLE, DIE SONSTIGE GEFAHRLICHE STOFFE ENTHALTEN
16 07 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
<b>16 08</b>	<b>spent catalysts</b>	
16 08 01	SPENT CATALYSTS CONTAINING GOLD, SILVER, RHENIUM, PALLADIUM, IRIDIUM OR PLATINUM (EXCEPT 16 08 07)	GEbrauchte Katalysatoren, die Gold, Silber, Rhenium, Palladium, Iridium oder Platin enthalten (außer 160807)
16 08 02*	SPENT CATALYSTS CONTAINING DANGEROUS TRANSITION METALS OR DANGEROUS TRANSITION METAL COMPOUNDS	GEbrauchte Katalysatoren, die gefährliche Übergangsmetalle (3) oder deren Verbindungen enthalten
16 08 03	SPENT CATALYSTS CONTAINING TRANSITION METALS OR TRANSITION METAL COMPOUNDS NOT OTHERWISE SPECIFIED	GEbrauchte Katalysatoren, die Übergangsmetalle oder deren Verbindungen enthalten, anders nicht genannt
16 08 04	SPENT FLUID CATALYTIC CRACKING CATALYSTS (EXCEPT 16 08 07)	GEbrauchte Katalysatoren von Crackprozessen (außer 160807)
16 08 05*	SPENT CATALYSTS CONTAINING PHOSPHORIC ACID	GEbrauchte Katalysatoren, die Phosphorsäure enthalten
16 08 06*	SPENT LIQUIDS USED AS CATALYSTS	GEbrauchte Flüssigkeiten, die als Katalysatoren verwendet wurden
16 08 07*	SPENT CATALYSTS CONTAMINATED WITH DANGEROUS SUBSTANCES	GEbrauchte Katalysatoren, die durch gefährliche Stoffe verunreinigt sind
<b>16 09</b>	<b>oxidising substances</b>	
16 09 01*	PERMANGANATES, E.G. POTASSIUM PERMANGANATE	PERMANGANATE, z.B. KALIUMPERMANGANAT
16 09 02*	CHROMATES, E.G. POTASSIUM CHROMATE, POTASSIUM OR SODIUM DICHLROMATE	CHROMATE, z.B. KALIUMCHROMAT, KALIUM- ODER Natrium dichromat
16 09 03*	PEROXIDES, E.G. HYDROGEN PEROXIDE	PEROXYDE, z.B. WASSERSTOFFPEROXID
16 09 04*	OXIDISING SUBSTANCES, NOT OTHERWISE SPECIFIED	OXIDIERENDE STOFFE ANDERS NICHT GENANNT
<b>16 10</b>	<b>aqueous liquid wastes destined for off-site treatment</b>	
16 10 01*	AQUEOUS LIQUID WASTES CONTAINING DANGEROUS SUBSTANCES	WÄSSRIGE FLÜSSIGE ABFÄLLE, DIE GEFAHRLICHE STOFFE ENTHALTEN
16 10 02	AQUEOUS LIQUID WASTES OTHER THAN THOSE MENTIONED IN 16 10 01	WÄSSRIGE FLÜSSIGE ABFÄLLE MIT AUSNAHME DERjenigen, die unter 161001 fallen
16 10 03*	AQUEOUS CONCENTRATES CONTAINING DANGEROUS SUBSTANCES	WÄSSRIGE KONZENTRATE, DIE GEFAHRLICHE STOFFE ENTHALTEN
16 10 04	AQUEOUS CONCENTRATES OTHER THAN THOSE MENTIONED IN 16 10 03	WÄSSRIGE KONZENTRATE MIT AUSNAHME DERjenigen, die unter 161003 fallen
<b>16 11</b>	<b>waste linings and refractories</b>	
16 11 01*	CARBON-BASED LININGS AND REFRactories FROM METALLURGICAL PROCESSES CONTAINING DANGEROUS SUBSTANCES	AUSKLEIDUNGEN UND FEUERFESTE MATERIALIEN AUF KOHLENSTOFFBASIS AUS METALLURGISCHEN PROZessen, die gefährliche Stoffe enthalten
16 11 02	CARBON-BASED LININGS AND REFRactories FROM METALLURGICAL PROCESSES OTHERS THAN THOSE MENTIONED IN 16 11 01	AUSKLEIDUNGEN UND FEUERFESTE MATERIALIEN AUF KOHLENSTOFFBASIS AUS METALLURGISCHEN PROZessen mit ausnahme derjenigen, die unter 161101 fallen
16 11 03*	OTHER LININGS AND REFRactories FROM METALLURGICAL PROCESSES CONTAINING DANGEROUS SUBSTANCES	ANDERE AUSKLEIDUNGEN UND FEUERFESTE MATERIALIEN AUS METALLURGISCHEN PROZessen,
16 11 04	OTHER LININGS AND REFRactories FROM METALLURGICAL PROCESSES OTHER THAN THOSE MENTIONED IN 16 11 03	DIE GEFAHRLICHE STOFFE ENTHALTEN
16 11 05*	DANGEROUS SUBSTANCES LININGS AND REFRactories FROM NON-METALLURGICAL PROCESSES CONTAINING DANGEROUS SUBSTANCES	AUSKLEIDUNGEN UND FEUERFESTE MATERIALIEN AUS METALLURGISCHEN PROZessen mit ausnahme derjenigen, die unter 161103 fallen
16 11 06	THOSE MENTIONED IN 16 11 05	GEFAHRLICHE STOFFE ENTHALTEN
<b>17</b>	<b>Construction and demolition wastes (including road construction)</b>	AUSKLEIDUNGEN UND FEUERFESTE MATERIALIEN AUS NICHTMETALLURGISCHEN PROZessen mit ausnahme derjenigen, die unter 161105 fallen
17 01	concrete, bricks, tiles and ceramics	BETON ZIEGEL
17 01 01	CONCRETE	
17 01 02	BRICKS	

17 01 03	TILES AND CERAMICS	FLIESEN, ZIEGEL UND KERAMIK
17 01 06*	MIXTURES OF, OR SEPARATE FRACTIONS OF CONCRETE, BRICKS, TILES AND CERAMICS CONTAINING DANGEROUS SUBSTANCES	GEMISCHEN AUS ODER GETRENNTE FRAKTIONEN VON BETON, ZIEGELN, FLIESEN UND KERAMIK, DIE GEFÄHRLICHE STOFFE ENTHALTEN
17 01 07	MIXTURES OF CONCRETE, BRICKS, TILES AND CERAMICS OTHER THAN THOSE MENTIONED IN 17 01 06	GEMISCHEN AUS BETON, ZIEGELN, FLIESEN UND KERAMIK MIT AUSNAHME DERIENIGEN, DIE UNTER 170106 FALLEN
<b>17 02</b>	<b>wood, glass and plastic</b>	
17 02 01	WOOD	HOLZ
17 02 02	GLASS	GLAS
17 02 03	PLASTIC	KUNSTSTOFF
17 02 04*	GLASS, PLASTIC AND WOOD CONTAINING OR CONTAMINATED WITH DANGEROUS SUBSTANCES	GLAS, KUNSTSTOFF UND HOLZ, DIE GEFÄHRLICHE STOFFE ENTHALTEN ODER DURCH GEFAHRLICHE STOFFE VERUNREINIGT SIND
<b>17 03</b>	<b>bituminous mixtures, coal tar and tared products</b>	
17 03 01*	BITUMINOUS MIXTURES CONTAINING COAL TAR	KOHLENTEERHALTIGE BITUMENGEMISCHE
17 03 02	BITUMINOUS MIXTURES OTHER THAN THOSE MENTIONED IN 17 03 01	BITUMENGEMISCHE MIT AUSNAHME DERIENIGEN, DIE UNTER 170301 FALLEN
17 03 03*	COAL TAR AND TARRED PRODUCTS	KOHLENTEER UND TEERHALTIGE PRODUKTE
<b>17 04</b>	<b>metals (including their alloys)</b>	
17 04 01	COPPER, BRONZE, BRASS	KUPFER, BRONZE, MESSING
17 04 02	ALUMINIUM	ALUMINIUM
17 04 03	LEAD	BLEI
17 04 04	ZINC	ZINK
17 04 05	IRON AND STEEL	EISEN UND STAHL
17 04 06	TIN	ZINN
17 04 07	MIXED METALS	GEMISCHTE METALLE
17 04 09*	METAL WASTE CONTAMINATED WITH DANGEROUS SUBSTANCES	METALLABFÄLLE, DIE DURCH GEFAHRLICHE STOFFE VERUNREINIGT SIND
17 04 10*	CABLES CONTAINING OIL, COAL TAR AND OTHER DANGEROUS SUBSTANCES	KABEL, DIE ÖL, KOHLENTEER ODER ANDERE GEFÄHRLICHE STOFFE ENTHALTEN
17 04 11	CABLES OTHER THAN THOSE MENTIONED IN 17 04 10	KABEL MIT AUSNAHME DERIENIGEN, DIE UNTER 170410 FALLEN
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>	
17 05 03*	SOIL AND STONES CONTAINING DANGEROUS SUBSTANCES	BODEN UND STEINE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
17 05 04	SOIL AND STONES OTHER THAN THOSE MENTIONED IN 17 05 03	BODEN UND STEINE MIT AUSNAHME DERIENIGEN, DIE UNTER 170503 FALLEN
17 05 05*	DREDGING SPOIL CONTAINING DANGEROUS SUBSTANCES	BAGGERGUT, DAS GEFÄHRLICHE STOFFE ENTHÄLT
17 05 06	DREDGING SPOIL OTHER THAN THOSE MENTIONED IN 17 05 05	BAGGERGUT MIT AUSNAHME DERIENIGEN, DAS UNTER 170505 FÄLLT
17 05 07*	TRACK BALLAST CONTAINING DANGEROUS SUBSTANCES	GLEISSCHOTTER, DER GEFÄHRLICHE STOFFE ENTHÄLT
17 05 08	TRACK BALLAST OTHER THAN THOSE MENTIONED IN 17 05 07	GLEISSCHOTTER MIT AUSNAHME DERIENIGEN, DER UNTER 170507 FÄLLT
<b>17 06</b>	<b>insulation materials and asbestos-containing construction materials</b>	
17 06 01*	INSULATION MATERIALS CONTAINING ASBESTOS	DÄMMMATERIAL, DAS ASBEST ENTHÄLT
17 06 03*	OTHER INSULATION MATERIALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES	ANDERES DÄMMMATERIAL MIT AUSNAHME DERIENIGEN, DAS UNTER 170601 UND 170603 FÄLLT
17 06 04	INSULATION MATERIALS OTHER THAN THOSE MENTIONED IN 17 06 01 AND 17 06 03	DÄMMMATERIAL MIT AUSNAHME DERIENIGEN, DAS UNTER 170601 UND 170603 FÄLLT
17 06 05*	CONSTRUCTION MATERIALS CONTAINING ASBESTOS	ASBESTHALTIGE BAUSTOFFE(1)+F1287
<b>17 08</b>	<b>GYPSUM-based construction material</b>	
17 08 01*	GYPSUM-BASED CONSTRUCTION MATERIALS CONTAMINATED WITH DANGEROUS SUBSTANCES	BAUSTOFFE AUF GIPSBAESIS, DIE DURCH GEFAHRLICHE STOFFE VERUNREINIGT SIND
17 08 02	GYPSUM-BASED CONSTRUCTION MATERIALS OTHER THAN THOSE MENTIONED IN 17 08 01	BAUSTOFFE AUF GIPSBAESIS MIT AUSNAHME DERIENIGEN, DIE UNTER 170801 FALLEN
<b>17 09</b>	<b>other construction and demolition waste</b>	

17 09 01*	CONSTRUCTION AND DEMOLITION WASTES CONTAINING MERCURY SEALANTS, PCB-CONTAINING RESIN-BASED FLOORINGS, PCB-CONTAINING CAPACITORS)	BAU- UND ABBRUCHABFÄLLE, DIE QUECKSILBER ENTHALTEN BAU- UND ABBRUCHABFÄLLE, DIE PCB ENTHALTEN (Z.B. PCB-HALTIGE DICHTUNGSMASSEN, PCB-HALTIGE BODENBELÄGE AUF HARZBASIS, PCB-HALTIGE ISOLIERVERGLASUNGEN, PCB-HALTIGE KONDENSATOREN)
17 09 02*	OTHER CONSTRUCTION AND DEMOLITION WASTES (INCLUDING MIXED WASTES)	SONSTIGE BAU- UND ABBRUCHABFÄLLE (EINSCHLIEßLICH GEMISCHTE ABFÄLLE), DIE GEFAHRLICHE STOFFE ENTHALTEN
17 09 03*	CONTAINING DANGEROUS SUBSTANCES	GEMISCHTE BAU- UND ABBRUCHABFÄLLE MIT AUSNAHME DERIENIGEN, DIE UNTER 170901, MIXED CONSTRUCTION AND DEMOLITION WASTES OTHER THAN THOSE MENTIONED IN 17 09 01, 17 09 02 AND 17 09 03
17 09 04	Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)	170902 UND 170903 FALLEN
<b>18 01</b>	<b>wastes from natal care, diagnosis, treatment or prevention of disease in humans</b>	
18 01 01	SHARPS (EXCEPT 18 01 03)	SPITZE ODER SCHARFE GEGENSTÄNDE (AUßER 180103)
18 01 02	BODY PARTS AND ORGANS INCLUDING BLOOD BAGS AND BLOOD PRESERVES (EXCEPT 18 01 03)	KÖRPERTEILE UND ORGANE, EINSCHLIEßLICH BLUTBEUTEL UND BLUTKONSERVEN (AUßER 180103)
18 01 03*	WASTES WHOSE COLLECTION AND DISPOSAL IS SUBJECT TO SPECIAL REQUIREMENTS IN ORDER TO PREVENT INFECTION	ABFÄLLE, AN DEREN SAMMLUNG UND ENTSORGUNG AUS INFektionspräVENTIVer SICHT BESONdere ANFORDERUNGEN GESTELLT VERDEN
18 01 04	WASTES WHOSE COLLECTION AND DISPOSAL IS NOT SUBJECT TO SPECIAL REQUIREMENTS IN ORDER TO PREVENT INFECTION (E.G. DRESSINGS, PLASTER CASTS, LINEN, DISPOSABLE CLOTHING, DIAPERS)	ABFÄLLE, AN DEREN SAMMLUNG UND ENTSORGUNG AUS INFektionspräVENTIVer SICHT KEINE BESONdere ANFORDERUNGEN GESTELLT VERDEN (Z.B. WUND- UND GIPSVERBÄNDE, WÄSCHE, EINWEGKLEIDUNG, WINDELN)
18 01 06*	CHEMICALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES	CHEMIkALIEN, DIE AUS GEFAHRlichen STOFFEN BESTEHEN ODER SOLCHE ENTHALTEN
18 01 07	CHEMICALS OTHER THAN THOSE MENTIONED IN 18 01 06	CHEMIkALIEN MIT AUSNAHME DERIENIGEN, DIE UNTER 180106 FALLEN
18 01 08*	CYTOTOXIC AND CYTOSTATIC MEDICINES	ZYTOTOXISCHE UND ZYTOSTATISCHE ARzNEIMITTEL
18 01 09	MEDICINES OTHER THAN THOSE MENTIONED IN 18 01 08	ARzNEIMITTEL MIT AUSNAHME DERIENIGEN, DIE UNTER 180108 FALLEN
18 01 10*	AMALGAM WASTE FROM DENTAL CARE	AMALGAMABFÄLLE AUS DER ZAHNMEDIZIN
<b>18 02</b>	<b>wastes from research, diagnosis, treatment or prevention of disease involving animals</b>	
18 02 01	SHARPS (EXCEPT 18 02 02)	SPITZE ODER SCHARFE GEGENSTÄNDE MIT AUSNAHME DERIENIGEN, DIE UNTER 180202 FALLEN
18 02 02*	WASTES WHOSE COLLECTION AND DISPOSAL IS SUBJECT TO SPECIAL REQUIREMENTS IN ORDER TO PREVENT INFECTION	ABFÄLLE, AN DEREN SAMMLUNG UND ENTSORGUNG AUS INFektionspräVENTIVer SICHT BESONdere ANFORDERUNGEN GESTELLT VERDEN
18 02 03	WASTES WHOSE COLLECTION AND DISPOSAL IS NOT SUBJECT TO SPECIAL REQUIREMENTS IN ORDER TO PREVENT INFECTION	ABFÄLLE, AN DEREN SAMMLUNG UND ENTSORGUNG AUS INFektionspräVENTIVer SICHT KEINE BESONdere ANFORDERUNGEN GESTELLT VERDEN
18 02 05*	CHEMICALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES	CHEMIkALIEN, DIE AUS GEFAHRlichen STOFFEN BESTEHEN ODER SOLCHE ENTHALTEN
18 02 06	CHEMICALS OTHER THAN THOSE MENTIONED IN 18 02 05	CHEMIkALIEN MIT AUSNAHME DERIENIGEN, DIE UNTER 180205 FALLEN
18 02 07*	CYTOTOXIC AND CYTOSTATIC MEDICINES	ZYTOTOXISCHE UND ZYTOSTATISCHE ARzNEIMITTEL
18 02 08	MEDICINES OTHER THAN THOSE MENTIONED IN 18 02 07	ARzNEIMITTEL MIT AUSNAHME DERIENIGEN, DIE UNTER 180207 FALLEN
	<b>Wastes from waste treatment facilities, off-site waste water treatment plants and the water industry</b>	
19 01 02	FERROUS MATERIALS REMOVED FROM BOTTOM ASH	EISENTTELLE, AUS DER ROST- UND KESSELASche ENTFERNt
19 01 05*	FILTER CAKE FROM GAS TREATMENT	FILTERKUCHEN AUS DER ABGASBEHANDLUNG
19 01 06*	AQUEOUS LIQUID WASTES FROM GAS TREATMENT AND OTHER AQUEOUS LIQUID WASTES	WÄSSRIGE FLÜSSIGE ABFÄLLE AUS DER ABGASBEHANDLUNG UND ANDERE WÄSSRIGE FLÜSSIGE ABFÄLLE
19 01 07*	SOLID WASTES FROM GAS TREATMENT	FESTE ABFÄLLE AUS DER ABGASBEHANDLUNG
19 01 10*	SPENT ACTIVATED CARBON FROM FLUE-GAS TREATMENT	GEbrauchte AKtIVKOHLE AUS DER ABGASBEHANDLUNG
19 01 11*	BOTTOM ASH AND SLAG CONTAINING DANGEROUS SUBSTANCES	ROST- UND KESSELASchen SOWIE SCHLACKEN, DIE GEFAHRliche STOFFE ENTHALTEN
19 01 12	BOTTOM ASH AND SLAG OTHER THAN THOSE MENTIONED IN 19 01 11	ROST- UND KESSELASchen SOWIE SCHLACKEN MIT AUSNAHME DERIENIGEN, DIE UNTER 190111 FALLEN
19 01 13*	FLY ASH CONTAINING DANGEROUS SUBSTANCES	FILTERSTAUB, DER GEFAHRliche STOFFE ENTHALT
19 01 14	FLY ASH OTHER THAN THOSE MENTIONED IN 19 01 13	FILTERSTAUB MIT AUSNAHME DESIENIGEN, DIE UNTER 190113 FALLEN
19 01 15*	BOILER DUST CONTAINING DANGEROUS SUBSTANCES	KESSELSTAUB, DER GEFAHRliche STOFFE ENTHALT

19 01 16	BOILER DUST OTHER THAN THOSE MENTIONED IN 19 01 15	KESSELSTAUB MIT AUSNAHME DESJENIGEN, DER UNTER 190115 FÄLLT
19 01 17*	PYROLYSIS WASTES CONTAINING DANGEROUS SUBSTANCES	PYROLYSEABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 01 18	PYROLYSIS WASTES OTHER THAN THOSE MENTIONED IN 19 01 17	PYROLYSEABFÄLLE MIT AUSNAHME DERjenigen, die unter 190117 FÄLLEN SANDE AUS DER WIRBELSCHICHTFEUERUNG
19 01 19	SANDS FROM FLUIDISED BEDS	ABFÄLLE A.N.G.
19 01 99	WASTES NOT OTHERWISE SPECIFIED	VORGEMISCHTE ABFÄLLE, DIE AUSSCHLIESSLICH AUS NICHTGEFÄHRLICHEN ABFÄLLEN BESTEHEN
19 02 03	PREMIXED WASTES COMPOSED ONLY OF NON-HAZARDOUS WASTES	VORGEMISCHTE ABFÄLLE, DIE WENIGSTENS EINEN GEFAHRLICHEN ABFALL ENTHALTEN
19 02 04*	PREMIXED WASTES COMPOSED OF AT LEAST ONE HAZARDOUS WASTE	SCHLÄMME AUS DER PHYSIKALISCH-CHEMISCHEM BEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 02 05*	SLUDGES FROM PHYSICO/CHEMICAL TREATMENT CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER PHYSIKALISCH-CHEMISCHEN BEHANDLUNG MIT AUSNAHME DERjenigen, die UNTER 190205 FÄLLEN
19 02 06	SLUDGES FROM PHYSICO/CHEMICAL TREATMENT OTHER THAN THOSE MENTIONED IN 19 02 05	ÖL UND KONZENTRATE AUS ABTRENNPROZESSEN
19 02 07*	OIL AND CONCENTRATES FROM SEPARATION	FLÜSSIGE BRENNBARE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 02 08*	LIQUID COMBUSTIBLE WASTES CONTAINING DANGEROUS SUBSTANCES	FESTE BRENNBARE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 02 09*	SOLID COMBUSTIBLE WASTES CONTAINING DANGEROUS SUBSTANCES	BRENNBARE ABFÄLLE MIT AUSNAHME DERjenigen, die unter 190208 UND 190209 FÄLLEN SONSTIGE ABFÄLLE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 02 10	COMBUSTIBLE WASTES OTHER THAN THOSE MENTIONED IN 19 02 08 AND 19 02 09	ABFÄLLE ANDERS NICHT GENANNT
19 02 11*	OTHER WASTES CONTAINING DANGEROUS SUBSTANCES	ALS GEFÄHRLICH EINGESTUFTE TEILWEISE STABILISIERTE (5) ABFÄLLE
19 02 99	WASTES NOT OTHERWISE SPECIFIED	STABILISIERTE ABFÄLLE MIT AUSNAHME DERjenigen, die unter 190304 FÄLLEN
19 03 04*	WASTES MARKED AS HAZARDOUS, PARTLY STABILISED	ALS GEFÄHRLICH EINGESTUFTE VERFESTIGTE ABFÄLLE
19 03 05	STABILISED WASTES OTHER THAN THOSE MENTIONED IN 19 03 04	VERFESTIGTE/F1352 ABFÄLLE MIT AUSNAHME DERjenigen, die unter 190306 FÄLLEN
19 03 06*	WASTES MARKED AS HAZARDOUS, SOLIDIFIED	VERGLASTE ABFÄLLE
19 03 07	SOLIDIFIED WASTES OTHER THAN THOSE MENTIONED IN 19 03 06	FILTERSTAUB UND ANDERE ABFÄLLE AUS DER ARGASBEHANDLUNG
19 04 01	VITRIFIED WASTE	NICHT VERGLASTE FESTPHASE
19 04 02*	FLY ASH AND OTHER FLUE-GAS TREATMENT WASTES	WÄSSRIGE FLÜSSIGE ABFÄLLE AUS DEM TEMPERN
19 04 03*	NON-VITRIFIED SOLID PHASE	NICHT KOMPOSTIERTE FRAKTION VON SIEDLUNGS- UND ÄHNLICHEN ABFÄLLEN
19 04 04	AQUEOUS LIQUID WASTES FROM VITRIFIED WASTE TEMPERING	NICHT KOMPOSTIERTE FRAKTION VON TIERISCHEN UND PFLANZLICHEN ABFÄLLEN
19 05 01	NON-COMPOSTED FRACTION OF MUNICIPAL AND SIMILAR WASTES	NICHT SPEZIFIKATIONSGERECHTER KOMPOST
19 05 02	NON-COMPOSTED FRACTION OF ANIMAL AND VEGETABLE WASTE	ABFÄLLE ANDERS NICHT GENANNT
19 05 03	OFF-SPECIFICATION COMPOST	FLÜSSIGKEITEN AUS DER ANAEROBEN BEHANDLUNG VON SIEDLUNGSABFÄLLEN
19 05 99	WASTES NOT OTHERWISE SPECIFIED	GÄRRÜCKSTAND/-SCHLAMM AUS DER ANAEROBEN BEHANDLUNG VON TIERISCHEN UND PFLANZLICHEN ABFÄLLEN
19 06 03	LIQUOR FROM ANAEROBIC TREATMENT OF MUNICIPAL WASTE	FLÜSSIGKEITEN AUS DER ANAEROBEN BEHANDLUNG VON SIEDLUNGSABFÄLLEN
19 06 04	DIGESTATE FROM ANAEROBIC TREATMENT OF MUNICIPAL WASTE	GÄRRÜCKSTAND/-SCHLAMM AUS DER ANAEROBEN BEHANDLUNG VON TIERISCHEN UND PFLANZLICHEN ABFÄLLEN
19 06 05	LIQUOR FROM ANAEROBIC TREATMENT OF ANIMAL AND VEGETABLE WASTE	ABFÄLLE
19 06 06	DIGESTATE FROM ANAEROBIC TREATMENT OF ANIMAL AND VEGETABLE WASTE	ABFÄLLE ANDERS NICHT GENANNT
19 06 99	WASTES NOT OTHERWISE SPECIFIED	DEPONIESICKERWASSER, DAS GEFÄHRLICHE STOFFE ENTHALT
19 07 02*	LANDFILL LEACHATE CONTAINING DANGEROUS SUBSTANCES	DEPONIESICKERWASSER MIT AUSNAHME DESJENIGEN, DAS UNTER 190702 FÄLLT
19 07 03	LANDFILL LEACHATE OTHER THAN THOSE MENTIONED IN 19 07 02	SIEB- UND RECHENRÜCKSTÄNDE
19 08 01	SCREENINGS	SANDFANGRÜCKSTÄNDE
19 08 02	WASTE FROM DESANDING	SCHLÄMME AUS DER BEHANDLUNG VON KOMMUNALEM ABWASSER
19 08 05	SLUDGES FROM TREATMENT OF URBAN WASTE WATER	GESÄTTIGTE ODER VERBRAUCHTE IONENAUSTAUSCHERHARZE
19 08 06*	SATURATED OR SPENT ION EXCHANGE RESINS	LÖSUNGEN UND SCHLÄMME AUS DER REGENERATION VON IONENAUSTAUSCHERN
19 08 07*	SOLUTIONS AND SLUDGES FROM REGENERATION OF ION EXCHANGERS	SCHWERMETALLHALTIGE ABFÄLLE AUS MEMBRANSYSTEMEN
19 08 08*	MEMBRANE SYSTEM WASTE CONTAINING HEAVY METALS	FETT- UND ÖLMISCHUNGEN AUS ÖLABSCHEIDERN, DIE AUSCHLIEßLICH SPEISEÖLLE UND -FETTE ENTHALTEN
19 08 09	GREASE AND OIL MIXTURE FROM OIL/WATER SEPARATION CONTAINING ONLY EDIBLE OIL AND FATS	

		FETT- UND ÖL MISCHUNGEN AUS ÖLABSCHEIDERN MIT AUSNAHME DER JENIGEN, DIE UNTER 190809 FÄLLEN
19 08 10*	GREASE AND OIL MIXTURE FROM OIL/WATER SEPARATION OTHER THAN THOSE MENTIONED IN 19 08 09	SCHLÄMME AUS DER BIOLOGISCHEN BEHANDLUNG VON INDUSTRIELLEM ABWASSER, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 08 11*	SLUDGES CONTAINING DANGEROUS SUBSTANCES FROM BIOLOGICAL TREATMENT OF INDUSTRIAL WASTE WATER	SCHLÄMME AUS DER BIOLOGISCHEN BEHANDLUNG VON INDUSTRIELLEM ABWASSER MIT AUSNAHME DER JENIGEN, DIE UNTER 190811 FÄLLEN
19 08 12	SLUDGES FROM BIOLOGICAL TREATMENT OF INDUSTRIAL WASTE WATER OTHER THAN THOSE MENTIONED IN 19 08 11	SCHLÄMME, DIE GEFÄHRLICHE STOFFE AUS EINER ANDEREN BEHANDLUNG VON INDUSTRIELLEM ABWASSER ENTHALTEN
19 08 13*	SLUDGES CONTAINING DANGEROUS SUBSTANCES FROM OTHER TREATMENT OF INDUSTRIAL WASTE WATER	SCHLÄMME AUS EINER ANDEREN BEHANDLUNG VON INDUSTRIELLEM ABWASSER MIT AUSNAHME DER JENIGEN, DIE UNTER 190813 FÄLLEN ABFÄLLE ANDERS NICHT GENANNT
19 08 14	SLUDGES FROM OTHER TREATMENT OF INDUSTRIAL WASTE WATER OTHER THAN THOSE MENTIONED IN 19 08 13	FESTE ABFÄLLE AUS DER ERSTFILTRATION UND SIEBRÜCKSTÄNDE
19 08 99	WASTES NOT OTHERWISE SPECIFIED	SCHLÄMME AUS DER WASSERKLÄRUNG
19 09 01	SOLID WASTE FROM PRIMARY FILTRATION AND SCREENINGS	SCHLÄMME AUS DER DEKARBONATISIERUNG
19 09 02	SLUDGES FROM WATER CLARIFICATION	GEbrauchte Aktivkohle
19 09 03	SLUDGES FROM DECARBONATION	GESÄTTIGTE ODER GEbrauchte IONENAUSTAUSCHERHARZE
19 09 04	SPENT ACTIVATED CARBON	LÖSUNGEN UND SCHLÄMME AUS DER REGENERATION VON IONENAUSTAUSCHERN
19 09 05	SATURATED OR SPENT ION EXCHANGE RESINS	ABFÄLLE ANDERS NICHT GENANNT
19 09 06	SOLUTIONS AND SLUDGES FROM REGENERATION OF ION EXCHANGERS	EISEN UND STAHLABFÄLLE
19 09 99	WASTES NOT OTHERWISE SPECIFIED	NE-METALL-ABFÄLLE
19 10 01	IRON AND STEEL WASTE	SCHREDDERLEICHTFRAKTIONEN UND STAUB, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 10 02	NON-FERROUS WASTE	SCHREDDERLEICHTFRAKTIONEN UND STAUB MIT AUSNAHME DER JENIGEN, DIE UNTER 191003 FÄLLEN
19 10 03*	FLUFF-LIGHT FRACTION AND DUST CONTAINING DANGEROUS SUBSTANCES	ANDERE FRAKTIONEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 10 04	LUFF-LIGHT FRACTION AND DUST OTHER THAN THOSE MENTIONED IN 19 10 03	ANDERE FRAKTIONEN MIT AUSNAHME DER JENIGEN, DIE UNTER 191005 FÄLLEN
19 10 05*	OTHER FRACTIONS CONTAINING DANGEROUS SUBSTANCES	GEbrauchte Filtertöne
19 10 06	OTHER FRACTIONS OTHER THAN THOSE MENTIONED IN 19 10 05	SÄURETEERE
19 11 01*	SPENT FILTER CLAYS	WÄSSRIGE FLÜSSIGE ABFÄLLE
19 11 02*	ACID TARS	ABFÄLLE AUS DER BRENNSTOFFREINIGUNG MIT BASEN
19 11 03*	AQUEOUS LIQUID WASTES	SCHLÄMME AUS DER BETRIEBSSEIGENEN ABWASSERBEHANDLUNG, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 11 04*	WASTES FROM CLEANING OF FUEL WITH BASES	
19 11 05*	SLUDGES FROM ON-SITE EFFLUENT TREATMENT CONTAINING DANGEROUS SUBSTANCES	
19 11 06	SLUDGES FROM ON-SITE EFFLUENT TREATMENT OTHER THAN THOSE MENTIONED IN 19 11 05	SCHLÄMME AUS DER BETRIEBSSEIGENEN ABWASSERBEHANDLUNG MIT AUSNAHME DER JENIGEN, DIE UNTER 191105 FÄLLEN
19 11 07*	WASTES FROM FLUE-GAS CLEANING	ABFÄLLE AUS DER ABGASREINIGUNG
19 11 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT
19 12 01	PAPER AND CARDBOARD	PAPIER UND PAPPE
19 12 02	FERROUS METAL	EISENMETALLE
19 12 03	NON-FERROUS METAL	NICHTEISENMETALLE
19 12 04	PLASTIC AND RUBBER	KUNSTSTOFF UND GUMMI
19 12 05	GLASS	GLAS
19 12 06*	WOOD CONTAINING DANGEROUS SUBSTANCES	HOLZ, DAS GEFÄHRLICHE STOFFE ENTHALT
19 12 07	WOOD OTHER THAN THAT MENTIONED IN 19 12 06	HOLZ MIT AUSNAHME DES JENIGEN, DAS UNTER 191206 FÄLLT
19 12 08	TEXTILES	TEXTILIEN
19 12 09	MINERALS (E.G. SAND, STONES)	MINERALIEN (Z.B. SAND, STEINE)
19 12 10	COMBUSTIBLE WASTE (REFUSE DERIVED FUEL)	BRENNIMBARE ABFÄLLE (BRENNSTOFFE AUS ABFÄLLEN)

		SONSTIGE ABFÄLLE (EINSCHLIEßLICH MATERIALMISCHUNGEN) AUS DER MECHANISCHEN BEHANDLUNG VON ABFÄLLEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
		SONSTIGE ABFÄLLE (EINSCHLIEßLICH MATERIALMISCHUNGEN) AUS DER MECHANISCHEN BEHANDLUNG VON ABFÄLLEN MIT AUSNAHME DERIENIGEN, DIE UNTER 191211 FALLEN
		FESTE ABFÄLLE AUS DER SANIERUNG VON BÖDEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
		FESTE ABFÄLLE AUS DER SANIERUNG VON BODEN MIT AUSNAHME DERIENIGEN, DIE UNTER 191301 FALLEN
		SCHLÄMME AUS DER SANIERUNG VON BÖDEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
		SCHLÄMME AUS DER SANIERUNG VON BODEN MIT AUSNAHME DERIENIGEN, DIE UNTER 191303 FALLEN
19 12 11*	OTHER WASTES (INCLUDING MIXTURES OF MATERIALS) FROM MECHANICAL TREATMENT OF WASTE CONTAINING DANGEROUS SUBSTANCES	SONSTIGE ABFÄLLE (EINSCHLIEßLICH MATERIALMISCHUNGEN) AUS DER MECHANISCHEN BEHANDLUNG VON ABFÄLLEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 12 12	OTHER WASTES (INCLUDING MIXTURES OF MATERIALS) FROM MECHANICAL TREATMENT OF WASTES OTHER THAN THOSE MENTIONED IN 19 12 11	SONSTIGE ABFÄLLE (EINSCHLIEßLICH MATERIALMISCHUNGEN) AUS DER MECHANISCHEN BEHANDLUNG VON ABFÄLLEN MIT AUSNAHME DERIENIGEN, DIE UNTER 191211 FALLEN
19 13 01*	SOLID WASTES FROM SOIL REMEDIATION CONTAINING DANGEROUS SUBSTANCES	FESTE ABFÄLLE AUS DER SANIERUNG VON BÖDEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 13 02	SOLID WASTES FROM SOIL REMEDIATION OTHER THAN THOSE MENTIONED IN 19 13 01	FESTE ABFÄLLE AUS DER SANIERUNG VON BODEN MIT AUSNAHME DERIENIGEN, DIE UNTER 191301 FALLEN
19 13 03*	SLUDGES FROM SOIL REMEDIATION CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER SANIERUNG VON BÖDEN, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 13 04	SLUDGES FROM SOIL REMEDIATION OTHER THAN THOSE MENTIONED IN 19 13 03	SCHLÄMME AUS DER SANIERUNG VON BODEN MIT AUSNAHME DERIENIGEN, DIE UNTER 191303 FALLEN
19 13 05*	SLUDGES FROM GROUNDWATER REMEDIATION CONTAINING DANGEROUS SUBSTANCES	SCHLÄMME AUS DER SANIERUNG VON GRUNDWASSER, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 13 06	SLUDGES FROM GROUNDWATER REMEDIATION OTHER THAN THOSE MENTIONED IN 19 13 05	SCHLÄMME AUS DER SANIERUNG VON GRUNDWASSER MIT AUSNAHME DERIENIGEN, DIE UNTER 191305 FALLEN
19 13 07*	AQUEOUS LIQUID WASTES AND AQUEOUS CONCENTRATES FROM GROUNDWATER REMEDIATION CONTAINING DANGEROUS SUBSTANCES	WÄSSRIGE FLÜSSIGE ABFÄLLE UND WÄSSRIGE KONZENTRATE AUS DER SANIERUNG VON GRUNDWASSER, DIE GEFÄHRLICHE STOFFE ENTHALTEN
19 13 08	AQUEOUS LIQUID WASTES AND AQUEOUS CONCENTRATES FROM GROUNDWATER REMEDIATION OTHER THAN THOSE MENTIONED IN 19 13 07	WÄSSRIGE FLÜSSIGE ABFÄLLE UND WÄSSRIGE KONZENTRATE AUS DER SANIERUNG VON GRUNDWASSER MIT AUSNAHME DERIENIGEN, DIE UNTER 191307 FALLEN
	<b>Municipal wastes and similar commercial, industrial and institutional wastes including separately collected fractions</b>	
20 01 01	PAPER AND CARDBOARD	PAPIER UND PAPPE+F1402
20 01 02	GLASS	GLAS
20 01 08	BIODEGRADABLE KITCHEN AND CANTEEN WASTE	BIOLOGISCH ABBAUBARE KÜCHEN- UND KANTINENABFÄLLE
20 01 10	CLOTHES	BEKLEIDUNG
20 01 15*	ALKALINES	TEXTILIEN
20 01 13*	SOLVENTS	LÖSEMITTEL
20 01 14*	ACIDS	SÄUREN
20 01 15*	ALKALINES	LAUGEN
20 01 17*	PHOTOCHEMICALS	PHOTOKEMIKALIEN
20 01 19*	PESTICIDES	PESTIZIDE
20 01 21*	FLUORESCENT TUBES AND OTHER MERCURY-CONTAINING WASTE DISCARDED EQUIPMENT CONTAINING CHLOROFUOROCARBONS	LEUCHTSTOFFRÖHREN UND ANDERE QUECKSILBERHALTIGE ABFÄLLE GEbrauchte GERÄTE, DIE FLUORCHLORKOHLENWASSERSTOFFE ENTHALTEN
20 01 23*	DISCARDED EQUIPMENT CONTAINING CHLOROFUOROCARBONS	SPESIEÖLE UND -FETTE
20 01 25	EDIBLE OIL AND FAT	ÖLE UND FETTE MIT AUSNAHME DERIENIGEN, DIE UNTER 200125 FALLEN
20 01 26*	OIL AND FAT OTHER THAN THOSE MENTIONED IN 20 01 25	FARBEN, DRUCKFARBEN, KLEBSTOFFE UND KUNSTHARZE, DIE GEFÄHRLICHE STOFFE ENTHALTEN
20 01 27*	PAINT, INKS, ADHESIVES AND RESINS CONTAINING DANGEROUS SUBSTANCES	FARBEN, DRUCKFARBEN, KLEBSTOFFE UND KUNSTHARZE MIT AUSNAHME DERIENIGEN, DIE UNTER 200127 FALLEN
20 01 28	PAINT, INKS, ADHESIVES AND RESINS OTHER THAN THOSE MENTIONED IN 20 01 27	REINIGUNGSMITTEL, DIE GEFÄHRLICHE STOFFE ENTHALTEN
20 01 29*	DETERGENTS CONTAINING DANGEROUS SUBSTANCES	REINIGUNGSMITTEL MIT AUSNAHME DERIENIGEN, DIE UNTER 200129 FALLEN
20 01 30	DETERGENTS OTHER THAN THOSE MENTIONED IN 20 01 29	ZYTOTOXISCHE UND ZYTOSTATISCHE ARZNEIMITTEL
20 01 31*	CYTOTOXIC AND CYTOSTATIC MEDICINES	ARZNEIMITTEL MIT AUSNAHME DERIENIGEN, DIE UNTER 200131 FALLEN
20 01 32	MEDICINES OTHER THAN THOSE MENTIONED IN 20 01 31	BATTERIEN UND AKKUMULATOREN, DIE UNTER 160601, 160602 ODER 160603 FALLEN, SOWIE GEMISCHTE BATTERIEN UND AKKUMULATOREN, DIE SOLCHE BATTERIEN ENTHALTEN
20 01 33*	BATTERIES AND ACCUMULATORS INCLUDED IN 16 06 01, 16 06 02 OR 16 06 03 AND UNSORTED BATTERIES AND ACCUMULATORS CONTAINING THESE BATTERIES	BATTERIEN UND AKKUMULATOREN MIT AUSNAHME DERIENIGEN, DIE UNTER 200133 FALLEN
20 01 34	BATTERIES AND ACCUMULATORS OTHER THAN THOSE MENTIONED IN 20 01 33	GEBRAUCHTE ELEKTRISCHE UND ELEKTRONISCHE GERÄTE, DIE GEFÄHRLICHE BAUTEILE (6)
20 01 35*	DISCARDED ELECTRICAL AND ELECTRONIC EQUIPMENT OTHER THAN THOSE MENTIONED IN 20 01 21 AND 20 01 23 CONTAINING HAZARDOUS COMPONENTS	ENTHALTEN, MIT AUSNAHME DERIENIGEN, DIE UNTER 200121 UND 200123 FALLEN

		DISCARDED ELECTRICAL AND ELECTRONIC EQUIPMENT OTHER THAN THOSE MENTIONED IN 20 01 21, 20 01 23 AND 20 01 35	GEBRAUCHTE ELEKTRISCHE UND ELEKTRONISCHE GERÄTE MIT AUSNAHME DER JENIGEN, DIE UNTER 200121, 200123 UND 200135 FÄLLEN
20 01 36	20 01 37*	WOOD CONTAINING DANGEROUS SUBSTANCES	HOLZ, DAS GEFÄHRLICHE STOFFE ENTHÄLT
20 01 38		WOOD OTHER THAN THAT MENTIONED IN 20 01 37	HOLZ MIT AUSNAHME DESJENIGEN, DAS UNTER 200137 FÄLLT
20 01 39		PLASTICS	KUNSTSTOFFE
20 01 40	20 01 41	METALS	METALLE
	WASTES FROM CHIMNEY SWEEPING		ABFÄLLE AUS DER REINIGUNG VON SCHORNSTEINEN
	OTHER FRACTIONS NOT OTHERWISE SPECIFIED		SONSTIGE FRAKTIONEN ANDERS NICHT GENANNT
20 02 01	20 02 02	BIODEGRADABLE WASTE	BIOLOGISCH ABBAUBARE ABFÄLLE
SOIL AND STONES	20 02 03		BODEN UND STEINE
	OTHER NON-BIODEGRADABLE WASTES		ANDERE NICHT BIOLOGISCH ABBAUBARE ABFÄLLE
20 02 04	20 03 01	MIXED MUNICIPAL WASTE	GEMISCHTE SIEDLUNGSABFÄLLE
	20 03 02	WASTE FROM MARKETS	MARKTABFÄLLE
20 03 03	20 03 04	STREET-CLEANING RESIDUES	STRASSENKEHRECHT
	SEPTIC TANK SLUDGE		FÄKALSCHLAMM
20 03 06	20 03 07	WASTE FROM SEWAGE CLEANING	ABFÄLLE AUS DER KANALREINIGUNG
	BULKY WASTE		SPERRMÜLL
20 03 09	08 03 09	MUNICIPAL WASTES NOT OTHERWISE SPECIFIED	SIEDLUNGSABFÄLLE ANDERS NICHT GENANNT
		WASTE PRINTING TONER (INCLUDING CARTRIDGES)	VERBRAUCHTE TONER (EINSCHLIESSLICH KARTUSCHEN)

# USAG Baumholder Generated HW by EWC for CY2010 and CY2011

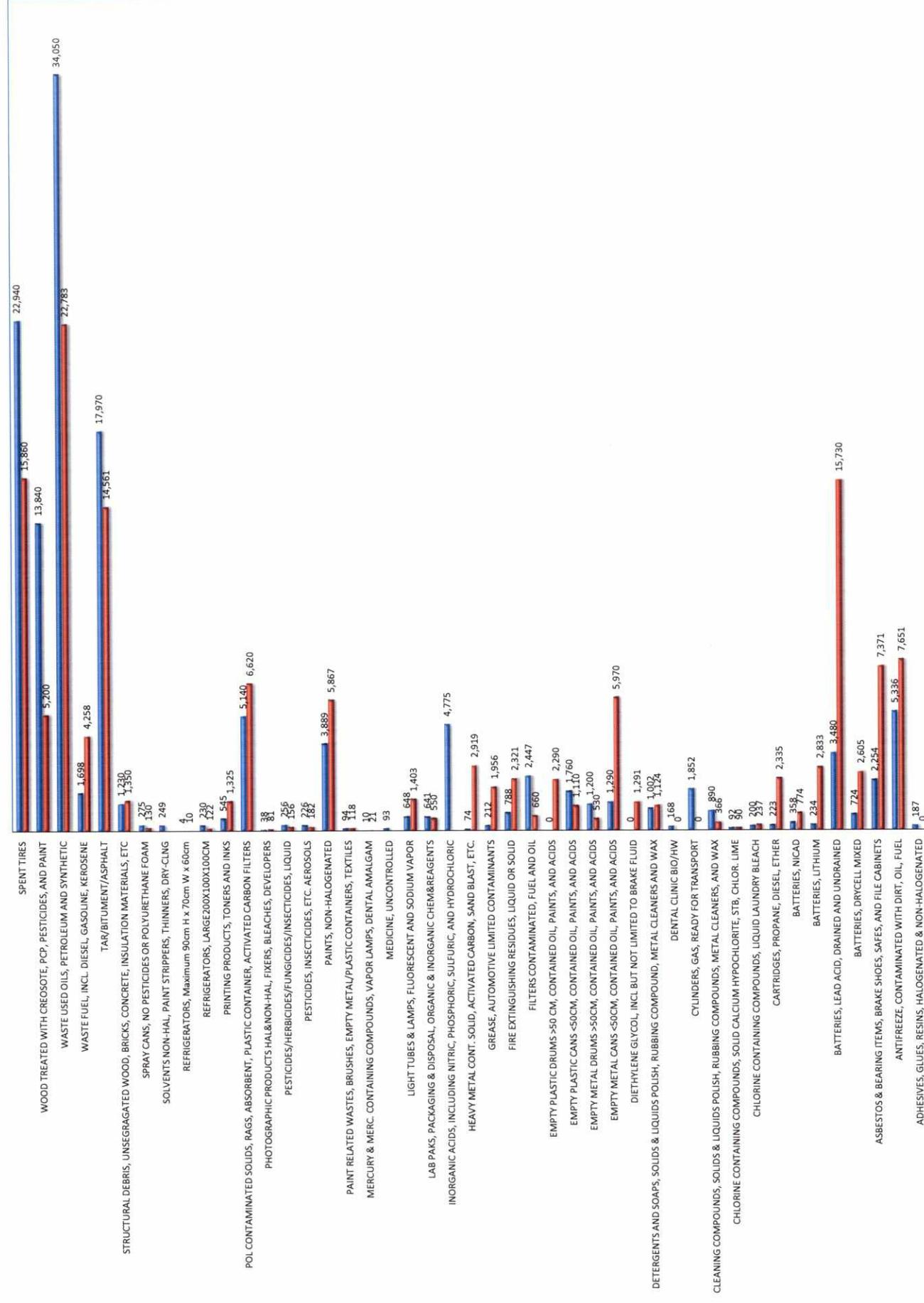
CLIN	Description	EWCode	English Description of the EWCode	German Description of the EWCode	QTY	Qty	UoM
					FY2010	FY2011	
N1950	ADHESIVES, GLUES, RESINS, HALOGENATED & NON-HALOGENATED	08 04 10	WASTE ADHESIVES AND SEALANTS OTHER THAN THOSE MENTIONED IN 08 04 09.	KLEBSTOFF- UND DICHTMASSENABFÄLLE MIT AUSNAHME DER JENIGEN, DIE UNTER 080409 FÄLLEN	187		
N2570	ANTIFREEZE, CONTAMINATED WITH DIRT, OIL, FUEL	16 01 15	ANTIFREEZE FLUIDS OTHER THAN THOSE MENTIONED IN 16 01 14.	FROSTSCHUTZMITTEL MIT AUSNAHME DER JENIGEN, DIE UNTER 160114 FÄLLEN	5,336	7,651	KG
N2440	ASBESTOS & BEARING ITEMS, BRAKE SHOES, SAFES, AND FILE CABINETS	16 01 11*	BRAKE PADS CONTAINING ASBESTOS	ASBESTHALTIGE BREMSBELÄGE	2,254	7,371	KG
NC440	BATTERIES, DRYCELL, MIXED	16 06 04	ALKALINE BATTERIES (EXCEPT 16 06 03).	ALKALIBATTERIEN (AUßER 160603)	724	2,695	KG
NC470	BATTERIES, LEAD ACID, DRAINED AND UNDRAINED	16 06 01*	LEAD BATTERIES	ALKALIBATTERIEN (AUßER 160603)	3,450	15,750	KG
NC400	BATTERIES, LITHIUM	16 06 04	ALKALINE BATTERIES (EXCEPT 16 06 03).	NI-CO-BATTERIEN	234	2,833	KG
NC420	BATTERIES, NICAD	16 06 02*	NI-CD BATTERIES	358	774	KG	
NG610	CARTRIDGES, PROPANE, DIESEL, ETHER	16 05 04*	GASES IN PRESSURE CONTAINERS (INCLUDING HALONS) CONTAINING DANGEROUS SUBSTANCES	DRUCKBEHÄLTNER (EINSCHLIEGLICH HALONEN)	223	2,355	KG
N1500	CHLORINE CONTAINING COMPOUNDS, LIQUID LAUNDRY BLEACH	06 02 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT	200	237	KG
N1510	CHLORINE CONTAINING COMPOUNDS, SOLID CALCIUM HYPOCHLORITE, STB, CHLOR, LIME	16 05 07*	DISCARDED INORGANIC CHEMICALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES	GEBRÄUCHTE ANORGANISCHE CHEMIKALIEN, DIE AUS GEFAHRLICHEN STOFFEN BESTEHEN ODER SOLCHE ENTHALTEN	92	90	KG
NE560	CLEANING COMPOUNDS, SOLIDS & LIQUIDS POLISH, RUBBING COMPOUNDS, METAL CLEANERS AND WAX CYLINDERS, GAS, READY FOR TRANSPORT	06 01 02*	HYDROCHLORIC ACID	SALZSAURE	890	366	KG
NG600	DENTAL CLINIC BIOWH DETERGENTS AND SOAPS, SOLIDS & LIQUIDS POLISH, RUBBING COMPOUND, METAL CLEANERS AND WAX	16 05 04*	GASES IN PRESSURE CONTAINERS (INCLUDING HALONS) CONTAINING DANGEROUS SUBSTANCES	GEFAHRLICHE STOFFE ENTHALTENDE GASE IN DRUCKBEHÄLTNER (EINSCHLIEGLICH HALONEN)	1,852	0	KG
DENTAL	DENTAL CLINIC BIOWH	18 01 03*	WASTES WHOSE COLLECTION AND DISPOSAL IS SUBJECT TO SPECIAL REQUIREMENTS IN ORDER TO PREVENT INFECTION	ABFÄLLE, AN DEREN SAMMLUNG UND ENTSORGUNG AUS INFektionsPRÄVENTIV SICHT BESONDRE ANforderungen GESTELLT WERDEN	168	0	KG
NE550	DETERGENTS AND SOAPS, SOLIDS & LIQUIDS POLISH, DIETHYLENE GLYCOL, INCL BUT NOT LIMITED TO BRAKE FLUID	07 06 08*	OTHER STILL BOTTOMS AND REACTION RESIDUES	ANDERE REAKTIONS- UND DESTILLATIONSRÜCKSTÄNDE	1,002	1,124	KG
NE250	EMPTY METAL CANS <50CM, CONTAINED OIL, PAINTS, AND ACIDS	16 01 13*	PACKAGING CONTAINING RESIDUES OF OR CONTAMINATED BY DANGEROUS SUBSTANCES	VERPACKUNGEN, DIE RÜCKSTÄNDE GEFÄHRLICHER STOFFE ENTHALTEN ODER DURCH GEFÄHRLICHE STOFFE VERUNREINIGT SIND	0	1,291	KG
NE600	EMPTY METAL DRUMS >50CM, CONTAINED OIL, PAINTS, AND ACIDS	15 01 10*	PACKAGING CONTAINING RESIDUES OF OR CONTAMINATED BY DANGEROUS SUBSTANCES	VERPACKUNGEN, DIE RÜCKSTÄNDE GEFÄHRLICHER STOFFE ENTHALTEN ODER DURCH GEFÄHRLICHE STOFFE VERUNREINIGT SIND	1,290	5,970	KG
NE2610	EMPTY PLASTIC CANS >50CM, CONTAINED OIL, PAINTS, AND ACIDS	15 01 10*	PACKAGING CONTAINING RESIDUES OF OR CONTAMINATED BY DANGEROUS SUBSTANCES	VERPACKUNGEN, DIE RÜCKSTÄNDE GEFÄHRLICHER STOFFE ENTHALTEN ODER DURCH GEFÄHRLICHE STOFFE VERUNREINIGT SIND	1,200	530	KG
NE2620	EMPTY PLASTIC DRUMS >50 CM, CONTAINED OIL, PAINTS, AND ACIDS	15 01 10*	PACKAGING CONTAINING RESIDUES OF OR CONTAMINATED BY DANGEROUS SUBSTANCES	VERPACKUNGEN, DIE RÜCKSTÄNDE GEFÄHRLICHER STOFFE ENTHALTEN ODER DURCH GEFÄHRLICHE STOFFE VERUNREINIGT SIND	1,760	1,110	KG
NE2630	FILTERS CONTAMINATED, FUEL AND OIL FIRE EXTINGUISHING RESIDUES, LIQUID OR SOLID	16 01 07*	OIL FILTERS	ÖLFILTER	0	2,290	KG
NE2210	HEAVY METAL CONT. SOLID ACTIVATED CARBON, SAND BLAST, ETC.	16 05 07*	DISCARDED INORGANIC CHEMICALS CONSISTING OF OR CONTAINING DANGEROUS SUBSTANCES	GEBRÄUCHTE ANORGANISCHE CHEMIKALIEN, DIE AUS GEFAHRLICHEN STOFFEN BESTEHEN ODER SOLCHE ENTHALTEN	2,447	660	KG
NE2470	INORGANIC ACIDS, INCLUDING NITRIC, PHOSPHORIC, SULFURIC, AND HYDROCHLORIC LAB PAKS, PACKAGING & DISPOSAL, ORGANIC & INORGANIC CHEM& REAGENTS	06 01 06*	OTHER ACIDS	GEBRÄUCHTE AKTIVKOHLE (AUßER 060702)	788	2,321	KG
NE280	MERCURY, AUTOMOTIVE LIMITED CONTAMINANTS HEAVY METAL CONT. SOLID ACTIVATED CARBON, SAND	12 01 12*	SPENT WAXES AND FATS SPENT ACTIVATED CARBON (EXCEPT 06 07 02)	ANDERE SÄUREN	74	2,919	KG
NE800	INORGANIC ACIDS, INCLUDING NITRIC, PHOSPHORIC, SULFURIC, AND HYDROCHLORIC LAB PAKS, PACKAGING & DISPOSAL, ORGANIC & INORGANIC CHEM& REAGENTS	06 01 06*	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT	4,775	550	KG
NE2540	LAMPS, DENTAL AMALGAM PAINT RELATED WASTES, BRUSHES, EMPTY METAL/PLASTIC CONTAINERS, TEXTILES	06 13 02*	FLUORESCENT TUBES AND OTHER MERCURY-CONTAINING WASTE	LEUCHTSTOFFROHREN UND ANDERE QUECKSILBERHALTIGE ABFÄLLE	648	1,403	KG
NE2530	MEDICINE, UNCONTROLLED	18 01 09	MEDICINES OTHER THAN THOSE MENTIONED IN 18 01 08	ARZNEIMITTEL MIT AUSNAHME DER JENIGEN, DIE UNTER 180108 FÄLLEN	93	93	KG
NE1820	MERCURY & MERC. CONTAINING COMPOUNDS, VAPOR LAMPS, DENTAL AMALGAM	06 04 04*	WASTES CONTAINING MERCURY	QUECKSILBERHALTIGE ABFÄLLE	10	21	KG
NE1930	PAINTS, NON-HALOGENATED	08 01 99	WASTES NOT OTHERWISE SPECIFIED	ABFÄLLE ANDERS NICHT GENANNT	94	118	KG
NE1900	PESTICIDES, INSECTICIDES, ETC. AEROSOLS	08 01 11*	WASTE PAINT AND VARNISH CONTAINING ORGANIC SOLVENTS OR OTHER DANGEROUS SUBSTANCES	FARB- UND LACKABFÄLLE, DIE ORGANISCHE LÖSEMittel ODER ANDERE GEFÄHRLICHE STOFFE ENTHALTEN	3,889	5,867	KG
NE2020	PESTICIDES/HERBICIDES/FUNGICIDES/INSECTICIDES, LIQUID	16 05 05	GASES IN PRESSURE CONTAINERS OTHER THAN THOSE MENTIONED IN 16 05 04	GASE IN DRUCKBEHALTERN MIT AUSNAHME DER JENIGEN, DIE UNTER 160504 FÄLLEN	226	182	KG
NE2000	PESTICIDES/HERBICIDES/FUNGICIDES/INSECTICIDES, LIQUID	20 01 19*	PESTICIDES	PESTIZIDE	256	156	KG

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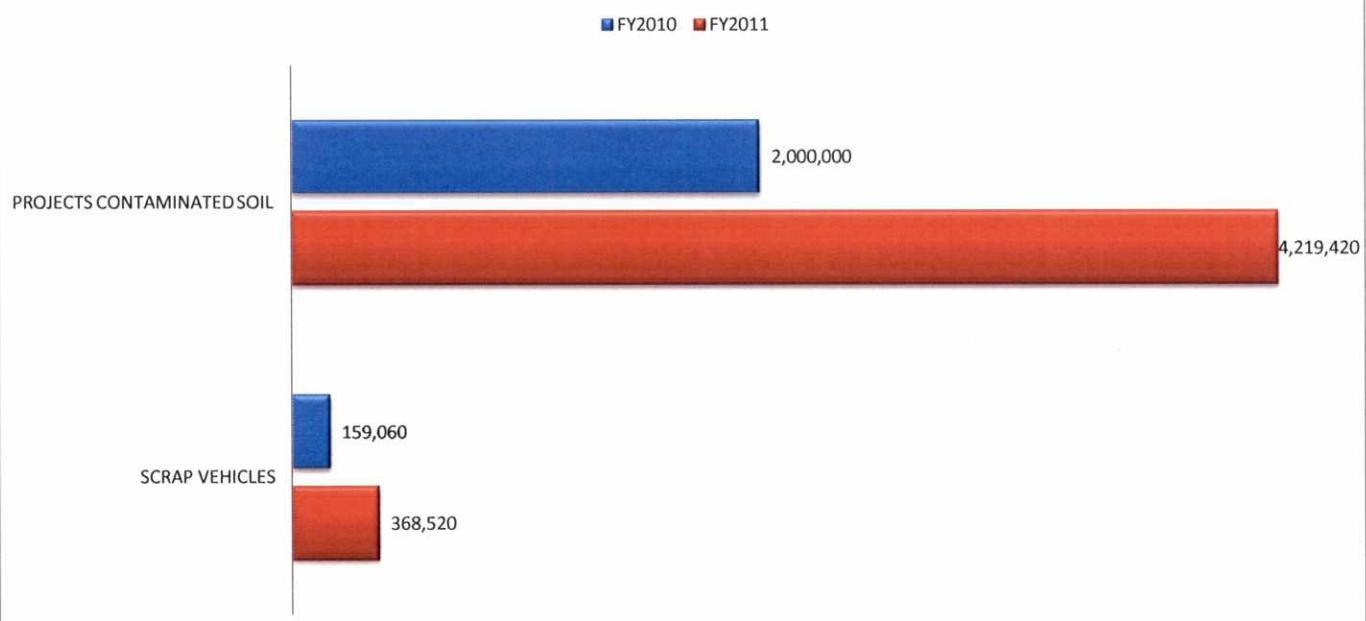
N1710	PHOTOGRAPHIC PRODUCTS HAL&NON-HAL, FIXERS, BLEACHES, DEVELOPERS	09 01 01*	WATER-BASED DEVELOPER AND ACTIVATOR SOLUTIONS	ENTWICKLER UND AKTIVATORENLOSUNGEN AUF WASSERBASIS	38	81 KG
N2190	POL CONTAMINATED SOLIDS, RAGS, ABSORBENT, PLASTIC CONTAINER, ACTIVATED CARBON FILTERS	15 02 02*	ABSORBENTS, FILTER MATERIALS (INCLUDING OIL FILTERS NOT OTHERWISE SPECIFIED), WIPE CLOTHS, PROTECTIVE CLOTHING CONTAMINATED BY DANGEROUS SUBSTANCES	AUFSÄUG- UND FILTERMATERIALIEN (EINSCHLIESSLICH ÖLFILTER A.N.G.) WISCHTUCHER UND SCHUTZKLEIDUNG, DIE DURCH GEFAHRLICHE STOFFE VERUNREINIGT SIND	5,140	6,620 KG
N1700	PRINTING PRODUCTS, TONERS AND INKS	08 03 09	WASTE PRINTING TONER (INCLUDING CARTRIDGES)	VERBRAUCHTE TONER (EINSCHLIESSLICH KARTUSCHEN)	545	1,325 KG
N8010	REFRIGERATORS, LARGE200X100X100CM	16 02 11*	DISCARDED EQUIPMENT CONTAINING CHLOROFUOROCARBONS, HCFC, HFC	GEbrauchte GERÄTE, DIE TEIL- UND VOLLHALOGENIERTE EFLUORCHLOROKHLENWÄssERSTOFFE ENTHALTEN	230	122 EA
N8000	REFRIGERATORS, Maximum 90cm H x 70cm W x 60cm	16 02 11*	DISCARDED EQUIPMENT CONTAINING CHLOROFUOROCARBONS, HCFC, HFC	GEbrauchte GERÄTE, DIE TEIL- UND VOLLHALOGENIERTE FLUORCHLOROKHLENWÄssERSTOFFE ENTHALTEN	4	10 EA
N1610	SOLVENTS NON-HAL, PAINT STRIPPERS, THINNERS, DRY- CLING	14 06 03*	OTHER SOLVENTS AND SOLVENT MIXTURES	ANDERE LÖSEMittel UND LÖSEMITTELGEMISCHEN	249	KG
N2420	SPRAY CANS, NO PESTICIDES OR POLYURETHANE FOAM	16 05 05	GASES IN PRESSURE CONTAINERS OTHER THAN THOSE MENTIONED IN 16 05 04	GASE IN DRUCKBEHALTERN MIT AUSNAHME DER, NENIGEN, DIE UNTER 160504 FALLEN	275	130 KG
N3520	STRUCTURAL DEBRIS, UNSEGREGATED WOOD, BRICKS, CONCRETE, INSULATION MATERIALS, ETC	17 01 06*	MIXTURES OF, OR SEPARATE FRACTIONS OF CONCRETE, BRICKS, TILES AND CERAMICS CONTAINING DANGEROUS SUBSTANCES	GEMISCHE AUS ODER GETRENNTE FRAKTIONEN VON BETON, ZIEGLN, FLIESEN UND KERAMIK, DIE GEFAHRliche STOFFE ENTHALTEN	1,230	1,350 KG
N2410	TAR/BITUMEN/ASPHALT	17 03 03*	COALTAR AND TARRED PRODUCTS	KOHLENTEER UND TEERHALTige PRODUKTE	17,970	14,561 KG
N2170	WASTE FUEL, INCL. DIESEL, GASOLINE, KEROSENE	13 02 05*	MINERAL-BASED NON-CHLORINATED ENGINE, GEAR AND LUBRICATING OILS	NICHTCHLORIERTE MASCHINEN-, GETRIEBE- UND SCHMIEROLE AUF MINERALÖLBASIS	1,698	4,258 KG
N2105	WASTE USED OILS, PETROLEUM AND SYNTHETIC	13 02 05*	MINERAL-BASED NON-CHLORINATED ENGINE, GEAR AND LUBRICATING OILS	NICHTCHLORIERTE MASCHINEN-, GETRIEBE- UND SCHMIEROLE AUF MINERALÖLBASIS	34,050	22,783 KG
N2460	WOOD TREATED WITH CREOSOTE, PCP, PESTICIDES, AND PAINT	17 02 04*	GLASS, PLASTIC AND WOOD CONTAINING OR CONTAMINATED WITH DANGEROUS SUBSTANCES	GLAS, KUNSTSTOFF UND HOLZ, DIE GEFAHRliche STOFFE ENTHALTEN ODER DURCH GEFAHRliche STOFFE VERUNREINIGT SIND	13,840	5,200 KG
AAFES	END-OF-LIFE TYRES	16 01 03	END-OF-LIFE VEHICLES, CONTAINING NEITHER LIQUIDS NOR OTHER HAZARDOUS COMPONENTS	ALTFahrzeuge, DIE WEDER FLÜSSIGKEITEN NOCH ANDERE GEFAHRliche BESTANDTEile ENTHALTEN	22,940	15,860 KG
DIMFWR	SCRAP VEHICLES	16 01 06	SOIL AND STONES CONTAINING DANGEROUS SUBSTANCES	BODEN UND STEINE, DIE GEFAHRliche STOFFE ENTHALten	159,060	368,520 KG
EDPROJ	PROJECTS CONTAMINATED SOIL	17 05 03*			2,000,000	4,219,420 KG

## Special/Hazardous Waste Comparison Chart by Unit of Measure

FY2010      FY2011



### Two Largest Special/Hazardous Waste Generations in Kilogramms



<b>1. NSN</b>	<b>2. Item</b>	<b>3. NBC Yes/No</b>	<b>4. DEMIL</b>	<b>5. Hazards</b>	<b>6. HHC</b>	<b>7. MSDS</b>
6665-01-133-4964	M256A1, Contingency Detection Kit	N	F	Carcinogenic, mutagenic, toxic, corrosive, flammable, poisonous	F1	Various
6665-01-293-2149	M256A1 Simulator, Detector Tickets, Chemical Agent	N	F	Flammable	F2	Various
6665-01-112-1644	M256A1, Training Detection Kit	N	F	Flammable & Poisonous	F5	Various
6665-01-049-8982	M9 Detector Paper	N	F	Environmental	N1	BRTGS
4230-01-101-3984	M258A1 Skin Decontamination Kits	N	F	Flammable	F2 and F4	Various
6850-01-276-1905	M291 Skin Decon Kit	Y	D	Irritant	N1	BPZVS
6850-01-357-8456	M295 Skin Decon Kit (not soluble)	Y	D	Environmental Hazard	V7	Various
6850-00-753-4827/4870	DS2 or EASY DECON	N	F	Corrosive (Alkali)	B2	Various
6850-00-297-6653	STB	N	F	Oxidizer	D1	Various
4230-00-720-1618	M11 Decon Apparatus w/nitrogen cylinders	N	F	Non-Flammable Gas	G3	Various
4230-01-133-4124	M13 Decon Apparatus contains DS2 or empty	N	F	Corrosive (Alkali)	B2	Various
4240-00-165-5026	M13 Filter Element Set	N	F	Irritant, Environmental	N1	Various
4240-01-361-1319	C2A1 Canister Filters	Y	F		N1	Various
4240-01-119-2315	C2 Canister Filter	N	F	Environmental	N1	Various
4240-00-127-7186	M10A1 Canister Filter	N	F	Carcinogenic	T7	Various
4230-00-775-7541	Nitrogen Cylinder used with M11	N	F	Flammable Gas	G3	Various
6135-00-450-3528	BA3517 Battery	N	F	Irritant	Z7	Various
6665-00-050-8529	M8 Chemical Agent Detection Paper	Y	D	Environmental	N1	Various
6135-00-835-7210	BA3030/U batteries	N		Environmental	N1	Various

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DRMS Home Page



VERSION 2.00  
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NIIN:

Please enter a NIIN with 9 digits (no dashes)

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In order to determine if an item is considered to be NBC equipment, access the web site  
<https://www.dispositionservices.dla.mil/htbin/nbcccheck>. Upon determination that it NBC equipment, respective demilitarization must be conducted. The HVSF cannot receive serviceable NBC equipment/products/items.

## **Specific USAG Hazardous Wastes Stream Handling and Disposal Information**

The following are all hazardous wastes and shall be disposed as such. None of the substances shall be poured into sink, storm or sewer drains, or be disposed in household type refuse containers.

### **1. Batteries, General Requirements**

1. Do not incinerate, crush, or mutilate batteries
2. Do not charge a non-rechargeable battery
3. Collect the various types of batteries in separate containers and ensure that the containers are compatible for the type of batteries. Battery containers can be obtained from the HWSF
4. Do not accumulate batteries for disposal for any period longer than six month before turning into the HWSF
5. Never dispose used/expired batteries in dumpsters
6. Batteries must be stored protected from the weather

### **2. Batteries, Lithium**

1. This includes Federal Stock Class (FSC) 1270, 1290, 4920, 5845, 6135, 6140, 6625, 6665, 6680
2. If a hissing sound (i.e., battery venting) or an irritating smell of rotten eggs occurs, remove the equipment to a well-ventilated area, or leave the area and notify DPW or DWP, ED
3. Never test lithium/sulfur dioxide batteries for capacity
4. Depleted batteries that have been completely discharged with a "complete discharge device" (CDD) can be disposed of as HW. The CDD switch must be activated and the battery stored for a least five days prior to disposal
5. Store in a dry area. Lithium and water cause heavy reactions and explosions on contact
6. Store lithium batteries for disposal separate from other batteries

### **3. Batteries, Dry Cell, Silver, and Magnesium**

1. This chapter includes FSC 6135 and 6140
2. Do not incinerate, crush or mutilate batteries
3. Do not charge a non-rechargeable battery

### **4. Batteries, Nickel-Cadmium (Ni-CD)**

1. This chapter includes FSC 6140
2. Cadmium is poisonous
3. Never try to break a Ni-CD battery
4. Dispose Ni-CD batteries as HW
5. Collect and dispose separated from other batteries
6. If electrolyte spills, do not touch it without the proper protective equipment. Clean up the spill with sand or other non-combustible material, and dispose as hazardous waste

### **5. Batteries, Mercury**

1. This chapter includes FSC 6135
2. Mercury is poisonous
3. Never try to break a mercury battery
4. Dispose mercury batteries off as HW
5. Collect mercury batteries separated from other batteries
6. If you have a mercury spill, call the DES

### **6. Batteries, Lead acid and gel**

1. This chapter includes FSC 6140
2. Lead-acid batteries must be stored off the ground/pavement and on a pallet
3. Batteries must be stacked no more than two layers high. The layers must be separated by a non-conductive layer (plywood or cardboard)
4. Protect batteries and electrolyte from freezing
5. Do not place batteries or electrolyte in a metal container when preparing items for disposal

6. Do not drain electrolyte from a sealed or vented lead-acid battery unless the case is cracked and the electrolyte is leaking
7. If electrolyte spills, do not touch it without the proper protective equipment. Clean up the spill with sand or other non-combustible material, and dispose as hazardous waste

## **7. Compressed Gas Cylinders**

1. This chapter includes FSC 8130
2. A compressed gas cylinder that held a HM is considered empty when the pressure in the cylinder approaches atmospheric pressure (no gas comes out when the valve is open)
3. All new, reconditioned, or refilled cylinders shall be inspected to determine that they are in good physical condition, properly painted, marked and labeled. Refer to Appendix >>>> for marking/labeling of U.S. and European specification CGC.
4. All gas cylinders shall be stored in a valve-end-upright position and in a location and manner to preclude being knocked over. If necessary they must be secured by a chain.
5. Always have the valves closed and safety cap installed when not in use. Safety caps are a MUST during transportation. DO NOT MISPLACE CAPS!!
6. A leaking cylinder shall be moved outdoors or placed under an exhaust ventilation system suitable for evacuating released gases. Use appropriate Personal Protection Equipment (PPE) when handling a leaking cylinder
7. In an emergency involving a cylinder, call the USAG Baumholder Fire Dept. (Tel No. 117 or 06783-6-117)
8. When empty, cylinders are to be marked 'EMPTY' using a tag or chalk and shall be stored separately from filled CGCs
9. Cylinders shall NOT BE disposed as scrap metal in whole or in part for any reason. Vendor provided cylinders shall be returned to the vendor and DoD supplied shall be returned to the Supply Support Activity. Cylinders which cannot be returned as mentioned above shall be turned into the HWSF.
10. Do not vent partially filled containers to the atmosphere at any time.

## **8. Cartridges, including engine/diesel starter**

1. This chapter includes FSC 2910 and 6830
2. Cartridges containing propane and butane are highly flammable

## **9. Inorganic acids**

1. This chapter includes FSC 6810 and 6850
2. Inorganic acids include nitric, phosphoric, sulfuric, and hydrochloric acids
3. Don't store inorganic acids in metal containers
4. Never mix inorganic acids with organic acids

## **10. Organic acids**

1. This chapter includes FSC 6810
2. Organic acids include acetic, formic, benzoic, and carboxylic
3. Don't store organic acids in metal containers
4. Never mix organic acids with inorganic acids

## **11. Bases and mixture of bases**

1. This chapter includes FSC 6810
2. Bases include sodium hydroxide, potassium hydroxide, and metal hydroxides
3. Never mix bases and mixtures of bases with acids

## **12. Ammonia and Ammonia Compounds**

1. This chapter includes FSC 6810
2. Ammonia include cleaning solutions, fertilizers, and urea

## **13. DS-2, Decontamination Agent**

1. This chapter includes FSC 6850
2. Do not store DS-2 and Super Tropical Bleach together.

## **14. Chlorine containing compounds, liquid**

1. This chapter includes FSC 6810

- Chlorine containing compound liquids including, but not limited to household type bleach

## **15. Chlorine containing compounds, solid**

- This chapter includes FSC 6850
- Chlorine containing compounds solid include chlorinated lime, STB, and calcium hypochlorite (used for water purification (powder or tablets)
- Calcium hypochlorite is oxidizing. Store waste calcium hypochlorite in separate, closeable containers
- Calcium hypochlorite and water react in explosions and fire

## **16. Alcohol**

- This chapter includes FSC 6810
- Alcohol includes methanol, isopropyl, and ethanol
- Alcohol wastes must be stored in metal containers (e.g. canisters)
- Never dispose of waste alcohol in a waste oil tank

## **17. Solvents, non halogenated**

- This chapter includes FSC 6850
- Solvents include paint strippers, paint thinners and dry cleaning solvents
- Waste solvents must be stored in appropriate containers (e.g. metal canisters)
- Do not dispose of waste solvents in a waste oil tank

## **18. Contaminated solid waste**

- Contaminated solid waste includes cardboard, wood, and rags contaminated with POL, paints or other aromatic hydrocarbons
- Do not dispose of contaminated solid waste in regular trash dumpsters

## **19. Printing products**

- This FSC includes FSC 7510 and 6850
- Printing products include toners and inks
- Do not dispose of toner cartridges in regular trash dumpsters.
- Inks for printing contain heavy metals and must be disposed of as HW

## **20. Photographic products**

- This chapter includes FSC 6750
- Photographic products include fixers, bleaches, and developers resulting from x-rays
- Photographic products must be stored in resealable plastic drums
- Do not mix fixers, bleaches, and developers

## **21. Mercury, and mercury containing items**

- This chapter includes FSC 6685
- Mercury and mercury containing items include thermometers and dental amalgam
- Some clinical thermometers contain mercury and must be disposed of as HW
- Amalgam must be in a dry state and in a tight fitting container for disposal purposes
- If there are doubts whether you have a mercury containing item, call the ED

## **22. Paint, non halogenated**

- This includes FSC 8010
- Water, solvents, or oil based paints (i.e. dried or separated) shall be treated as hazardous wastes and turned in at the HWSF for disposal

## **23. Paint, Polyurethane**

- This includes FSC 8010
- Paint polyurethane includes Chemical Agent Resistant Coating (CARC) paint
- CARC paint is carcinogen and must be disposed of as HW in any physical state
- Store excess CARC paint in a sealable container (e.g. plastic drum)
- CARC paint residue, rags, rollers, etc. must also be treated as HW, containerized and turned into the HWSF

**24. Paint related waste**

1. Paint related waste includes brushes, rollers, rags, empty containers (plastic or metal), and filters

**25. Glues and adhesives**

1. This chapter includes FSC 2640 and 8040
2. Includes all types of adhesives, sealants and sealing compounds include epoxy, resins, silicone, polyurethanes, and glues

**26. Putties and Fillers**

1. This includes FSC 8030
2. All antiseizing, sealing and coating compounds, wood putty and fillers

**27. Pesticides, Herbicides, Fungicides, and Insecticides solid and liquid**

1. This includes FSC 6840
2. Pesticides, herbicides, and fungicides are poisonous, can be flammable, and are mostly very harmful to the environment
3. Do not dispose these products in regular trash dumpsters, drains or sinks.

**28. Pesticides, Herbicides, Fungicides, and Insecticides aerosol**

1. This chapter includes FSC 6840
2. Dispose as HW, regardless if full, partially full or even empty.

**29. Waste used oils**

1. This includes FSC 9150
2. Army policy requires disposal of all used (waste) oil and used oil filters in compliance with all applicable regulatory requirements. The DPW has a contract with Suedmuell, a local hazardous waste contractor, to remove waste oil from USAG Baumholder on a needed / requested basis
3. Waste oil accumulation tanks are installed at nearly every motor pool. Sinks are marked with the words "Waste Oil".
4. The DWP, ED oversees the operation of satellite waste oil collection facilities. Every activity is required to report to the DWP, ED any improper use of the facility that is observed (i.e., emptying waste gasoline or diesel fuel into an oil container; or unnecessary spillage), and notify DWP, ED when the bulk oil collection container is 3/4 full so that arrangements can be made to pick up the waste oil
5. Those maintenance activities and individuals that drain and collect waste engine oil are responsible for using non-leaking rigid containers to collect the oil, and to safely transport it and empty into the specified larger collection containers or storage tanks
6. **DO NOT** drain waste oil or other hazardous waste liquids into open pits with steps or grated pits flush with the ground in the motor pools. Neither type of pit drains is hooked up to an underground storage tank.

**30. Oil, unused**

1. This includes FSC 9150
2. If the shelf-life cannot be extended, handle unused oil as waste oil

**31. Waste fuel**

1. This includes FSC 9130
2. Waste fuel is fuel contaminated with e.g. brake fluid, antifreeze, water, dirt, and solvents
3. Never disposed of waste fuel in waste oil storage tanks
4. Never mix waste fuel with other liquids
5. Store waste fuel only in containers suitable to hold fuels. If in doubt contact the ED

**32. Used Automotive Grease**

1. This includes FSC 9150
2. Waste grease includes automotive, artillery, and lubricating grease
3. Collect waste grease original containers and turn in to the HWSF
4. Do not dispose of waste grease in waste oil sumps leading to the underground waste oil storage tanks. Grease will clog all piping.

### **33. POL contaminated solids**

1. POL contaminated solids include contaminated rags, absorbents, empty plastic or metal containers, washers, and small parts.
2. Collect in a container provided by the HWSF
3. Do not dispose of POL contaminated solids in underground storage tanks or household type refuse containers.

### **34. Oil/Fuel Filters**

1. Filters may be contaminated with fuel or oil
2. Drain used oil filters into one of the waste oil tanks before disposal
3. Collect filters in the container provided by the HWSF or turn-in to the HWSF

### **35. Brake fluid**

1. This includes FSC 9150
2. Waste brake fluid must be collected and disposed of separately from waste oil
3. Turn into the HWSF for disposal

### **36. Tar / Bitumen / Asphalt**

Tar, bitumen, and asphalt are not usually generated by anyone, other than the Directorate of Public Works and must be disposed as hazardous waste

### **37. Aerosol cans**

1. This includes FSC 4940, 6840, 8010 and 8030
2. This does not include pesticides or polyurethane foam, but includes any type of paint, oil and lubricant, oven cleaners, upholstery cleaners, hair spray, etc.
3. Aerosol cans are filled with a propellant gas and may explode if exposed to sunlight or disposed of incorrectly (e.g. in regular trash dumpsters)
4. Collect spray cans in the special container, with ventilation valve, provided by the HWSF.
5. If possible dispose of your aerosol can with a safety cap in place

### **38. Polyurethane foam (aerosol cans)**

1. Insulating foams come in aerosol/spray cans and are highly flammable and toxic
2. Collect separately from other aerosol cans and turn into the HWSF for disposal

### **39. Asbestos bearing or artificial mineral fiber bearing items**

1. This includes FSC 5970 and 2530
2. Asbestos and asbestos bearing items include brake shoes; safes, roofing materials, and selected interior construction debris i.e. pipe insulation, ceiling or floor tiles, window sills, etc.
3. Brake liners must be double bagged and placed in 30 ltr blue plastic container provided or turned into the HWSF
4. Old safes must be double wrapped in plastic prior to being accepted at the HWSF
5. DPW shops are provided special big bags for collection and turn-in.
6. As containers/bundles bearing asbestos or asbestos containing items must be labeled with the unique symbol for asbestos, see Appendix M-1, Figure 1.

### **40. Wood**

Only treated wood i.e. treated with creosote, PCB, pesticides, paints, bitumen, or other hazardous materials are considered HW and are accepted at the HWSF.

### **41. Fire extinguishing powder, solid**

1. This includes FSC 4210
2. ABC and BC Powder separated are not considered to be dangerous waste, and shall be collected and disposed under the EWC 160509
3. ABC and BC Powder, which has been mixed, is considered dangerous waste (can omit Ammoniac gases) and shall be collected and disposed under the EWC 160507\*
4. Units and activities have their extinguishers serviced by the USAG Fire Department.
5. The fire department turns in the spent fire extinguishing powder to the HWSF

**42. Fire extinguishers (canisters)**

1. This includes FSC 4210
2. Turn in to the USAG Fire Department

**43. Peroxides, liquids and solids**

1. This includes FSC 6505, 6810
2. Peroxides include hair coloring products, detergents, and in the medical profession
3. Peroxides are very unstable, oxidizing and must be stored in a cool place, separately from other products
4. Do not dispose into household type refuse dumpster. Dispose as HW.

**44. Medicine, uncontrolled**

1. Medicine uncontrolled includes all medicines purchased from local drug stores or the exchange.
2. Turn in to the local drug store on the economy if purchased there, the pharmacy at the health clinic, or the HWSF

**45. Medicine, controlled**

1. Medicine controlled includes benzodiazepine, morphine, pethidine, and methadone prescribed by the health clinic or local doctors.
2. Turn into the local drug store or pharmacy at the health clinic at which the medicine was received. The HWSF may not receive these type of medical wastes.

**46. Light tubes and lamps**

1. This includes FSC 6240
2. This includes energy saving lamps, fluorescent light tubes, and sodium vapor lamps
3. Energy saving lamps and fluorescent light tubes contain mercury and must be disposed of as HW
4. All light tubes must be kept intact. Note: Fluorescent light tubes. They are very fragile. Both types are hazardous to your health if damaged. Handle them carefully.

**47. Detergents and soaps**

1. This includes FSC 7930, 8520, and 8530
2. This includes liquid and solid household and industrial products
3. Excess products and empty containers with residuals must be disposed of as HW
4. Never flush excess products down drains

**48. Cleaning compounds**

1. This includes FSC 7930, 8520, and 8530
2. This includes liquid and solid cleaning compounds as furniture and equipment polish, rubbing compounds, metal cleaners, and car and floor wax.
3. Excess products and empty containers with residuals must be disposed of as HW
4. Never flush excess products down the drain

**49. Antifreeze and anti-icing compounds**

1. This includes FSC 6850
2. This includes products containing ethylene glycol and propylene glycol that may be contaminated with some dirt, oil, water, fuel
3. Housing occupants shall turn in the waste to the HWSF or during the routine household hazardous waste pickup
4. Several motor pools at USAG Baumholder have an underground storage tank for waste antifreeze. Make sure to pour antifreeze into the correct sink. The sinks for antifreeze tanks are marked with the words "Antifreeze"
5. Some generating units/activities have been provided with above grounds storage containers (1000 liter capacity).
6. When the container is full at 3/4, stop filling and call the HWSF to schedule a pick up. NOTE: overfilled containers shall not be removed or transported. Access liquids will require to be removed or pumped into a second container by the generating activity!!!
7. Do not dispose of spent antifreeze into waste oil tanks, sinks, floor or storm water drains, pits or grates

## **50. Spill residue/Contaminated Soil**

1. This includes absorbents, rags, soil, and debris from clean-up of chemical spills (other than POLs) and contaminated soil
2. Contaminated material shall not be disposed of as solid waste
3. Store this residue in a resealable container not to exceed 55 gallons (plastic or metal drum). For the removal of large amounts contact the DPW ED.
4. Do not mix this residue with residue used for POL cleaning

## **51. Containers previously holding HM**

1. This includes empty containers (e.g. metal cans, plastic cans, empty buckets, glass containers)
2. A container that once held HM, is considered empty if as much HM as possible has been removed using commonly employed methods
3. All containers will however, contain a certain amount of residues, why even empty containers, metal or plastic must be handled as HW
4. Collect empty plastic and empty metal cans or drums separately at your HWAP
5. Do not dispose of empty cartridges or empty spray cans as empty container. Dispose as HW.

## **52. Flameless ration heaters (FRHs)**

1. This includes FSC
2. FRHs may contain magnesium or other water reactive chemicals
3. Due to the reactivity of the chemicals (FHR + water = heat) these devices must be disposed of as HW
4. Store excess or unserviceable FHRs in a dry and sealable container
5. Do not dispose of FRHs in regular trash dumpster (danger of fire), turn in as Hazardous Waste

## **53. PCB containing items**

1. This includes FSC 5930 and 5910
2. PCB containing items include transformers, capacitors, switches, soil, absorbent, debris, cables and textiles
3. Store PCB containing items in an extra container provided by the HSWF and dispose them of as HW
4. Never try to break or damage a PCB containing item

## **54. Lab packs**

1. This includes FSC 6810 and 6850
2. Wastes from laboratories (e.g. schools, waterworks) generally consist of no longer needed or outdated chemicals and reagents. Quite frequently the quantities of each item are small; however, constituents generally very hazardous, even toxic or very toxic.
3. Because of the unusual nature of these wastes, coordinate the turn in with the HWSF manager in advance.

## **55. Rubber Matting from Shooting Range**

1. The disposal of rubber matting from shooting ranges are governed by DoD 4160.21-M, Chapter 10. They contain metals and may not be disposed in the household type refuse.
2. Containers been provided for the collection of this hazardous waste. Contact the HWSF when a pickup is required.
3. Prepare special documentation required for turn-in. Refer to Appendix >>>> for sample documents required.

## **56. Chemical defense equipment (NBC)**

1. Includes FSC 4230, 6665, and 6850
2. Never dispose chemical defense equipment in regular trash dumpsters
3. The HWSF can only receive NBC equipment if condition code is "unserviceable".
4. Determine if an NBC item is considered NBC equipment enter the NIIN at the following link:  
<https://www.dispositionservices.dla.mil/htbin/nbccheck>
5. To obtain information on shelf life extension, DEMIL codes and authorizations prior to disposal/turn-in, obtain materials safety data sheets, and much more valuable information go the following link:  
<https://jacks.jpeocbd.army.mil/jacks/Protected/Core/secure/default.aspx>
6. For guidance on the overall management, or turn-in of, and DEMIL requirements of chemical defense equipment contact the Hazardous Material Collection Point, (DOL). At Appendix D-3 for

determination if NSN is considered to be CDE equipment and their DEMIL requirements, prior to attempting to turn in to the HWSF.

7. NBC wastes are collected and managed at company level within the unit
8. NBC waste accumulation points must be secured from unauthorized access
9. NBC wastes must be segregated according to the hazard classes
10. Easy decon contains quaternary ammonium compounds and hydrogen peroxide solution. It is an oxidizer and must be disposed of as HW. Do not mix with other waste streams.

## **57. Used Tires**

1. The HWSF does not accept tires.
2. Tires from tactical vehicles must be turned-into DRMO
3. Tires from private owned vehicles (POV) can be delivered to the Scrap Yard (Bldg. #8447) or the Waste Sort Center (BLDG. #8461)

## **58. Animal Carcasses**

1. Animal carcasses are a source of germs and other micro organisms
2. Depending on the reason for death and disposal, potential infection prevention or not, the carcasses are considered to be a special waste and will be disposed as such. Disposal requires to be documented and tracked.

Passer für EDV

I-# 0000003101

Formblatt Deckblatt Entsorgungsnachweis (EN)

**Entsorgungsnachweis / Sammelentsorgungsnachweis / VN / VS** Nr. **ENG08SMTZ002**  
 (auszufüllen durch den Abfallerzeuger) (nicht vom Antragsteller auszufüllen)

Zutreffendes bitte ankreuzen  oder ausfüllen.

EN	<input checked="" type="checkbox"/> Entsorgungsnachweis für besonders überwachungsbedürftige Abfälle	<input checked="" type="checkbox"/> zur Verwertung	<input type="checkbox"/> zur Beseitigung
SN	<input type="checkbox"/> Sammelentsorgungsnachweis für besonders überwachungsbedürftige Abfälle	<input type="checkbox"/> zur Verwertung	<input type="checkbox"/> zur Beseitigung
VN	<input type="checkbox"/> Vereinfachter Nachweis für überwachungsbedürftige Abfälle	<input type="checkbox"/> zur Verwertung	<input type="checkbox"/> zur Beseitigung
VS	<input type="checkbox"/> Vereinfachter Sammelnachweis für überwachungsbedürftige Abfälle	<input type="checkbox"/> zur Verwertung	<input type="checkbox"/> zur Beseitigung

**Angaben zum Abfallerzeuger**

Firma / Körperschaft

US-Streitkräfte DRMR-E

Für Interne  
Vermerke  
der Behörde

Strasse

Hausnr.

Postfach 20 27

PLZ

Ort

65010

Wiesbaden

Ansprechpartner

Stephanie Hardison

Telefon

Telefax

0611 380-7346

0611 380-7474

Soweit mehrere Abfälle eines Abfallerzeugers in derselben Anlage entsorgt werden, können diese in einem Entsorgungsnachweis zusammengefasst werden. Für jede Anfallsstelle ist ein gesonderter Formblatt "Verantwortliche Erklärung" auszufüllen. Die Anfallstellen sind fortlaufend zu nummerieren; in der Annahmeerklärung des Abfallentsorgers und - soweit zutreffend - der Bestätigung der Behörde ist darauf ausdrücklich Bezug zu nehmen.

Dieser Entsorgungsnachweis enthält die Verantwortliche(n) Erklärung(en) lfd. Nr. VE bis VE

**Für Vermerke des Abfallerzeugers (für Entsorgungsnachweise/Sammelentsorgungsnachweise ausfüllen)**

Datum der Eingangsbestätigung der Behörde

Unterlagen vollständig

Ablauf der Frist nach § 5 Abs. 5 der NachwV

Verantwortliche Erklärung und Annahmeerklärung und Bestätigung der Behörde  
 (soweit aufgrund NachwV erforderlich) gingen in Kopie an die zuständige Behörde am

Passer für EDV

i.-# 0000003101

Formblatt Verantwortliche Erklärung (VE)

Verantwortliche Erklärung für Nachweise Abfallbeschreibung für Abfallwirtschaftskonzept Abfallbeschreibung für Abfallbilanz Abfallbeschreibung für Anzeige nach § 11 NachwV   
(auszufüllen durch den Abfallerzeuger)

zu Nr. ENG08SMTZ002

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz aus Deckblatt zu Ifd. Nr. VE <sup>1)</sup>Folgeblatt ist beigelegt Zutreffendes bitte ankreuzen x oder ausfüllen:  
Für jede Anfallstelle und für jeden Abfallschlüssel gesondert

## 1 Abfallherkunft (nicht ausfüllen bei Sammelentsorgung)

1.1 Bezeichnung der Anfallstelle <sup>2)</sup>

US-Streitkräfte div. Kasernen

Für interne  
Vermärke

1.2 Anlage ist nach BlmSchG, Nr. \_\_\_\_\_ Spalte \_\_\_\_\_ der Anlage zur 4. BlmSchV, genehmigt.

Anlagenummer nach BlmSchG-Genehmigung \_\_\_\_\_

Zuständiger Betriebsbeauftragter für Abfall Ifd. Nr. \_\_\_\_\_ BA (aus Deckblatt für Konzept/Bilanz)

1.3 Strasse oder Koordinaten

Erzeugernummer

Postfach 20 27

GMUS00000

1.4 PLZ Ort

65010 Wiesbaden

1.5 Ansprechpartner

Stephanie Hardison

1.6 Telefon Telefax

0611 380-7346 0611 380-7474

1.7 Die Anzeige gemäss § 11 NachwV für die Anfallstelle liegt der zuständigen Behörde Ja  Nein  vor.

wenn ja, Anzeigenummer \_\_\_\_\_

## 2 Abfallherkunft (nur ausfüllen bei Sammelentsorgung)

2.1 Bundesland/Bundesländer in dem/denen der Abfall eingesammelt wird

\_\_\_\_\_

2.2 Beförderungsnummer

Name

Strasse oder Koordinaten

PLZ Ort

Ansprechpartner

Telefon Telefax

1) Bitte fortlaufend nummerieren.

2) Betriebsstätte, sonstige ortsfeste Einrichtung, bauliche Anlage, Grundstück oder davon betrieblich unabhängige ortsvoränderliche technische

Passiert Ihr EDV

I.-# 0000003101

Formblatt: Verantwortliche Erklärung (VE)

zu Nr. *AVG085178202*

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz zu Deckblatt zu übertragen)

zu Ifd. Nr. VE

<b>3 Abfallbeschreibung</b>		<b>Für interne Verfahren</b>				
<b>3.1 Betriebsinterne Bezeichnung</b>						
Abfallachse 3)	Code 4)	(Nur bei Konzept/Bilanz bei Verbringung außerhalb der Bundesrepublik Deutschland)				
130205*						
<b>3.2 Abfallbezeichnung 5)</b> nichtchlorierte Maschinen-, Getriebe- und Schmieröle auf Mineralölbasis						
3.3 Abfall wurde vorbehandelt:	Ja <input type="checkbox"/>	Nein <input checked="" type="checkbox"/>				
<b>3.4 Abfallbeschreibung (Fortsetzung) (Nur ausfüllen bei VE für Nachweise)</b>						
Konsistenz:	<input type="checkbox"/> fest	<input type="checkbox"/> stichfest	<input type="checkbox"/> pastös/schlammig/brockig	<input type="checkbox"/> staubförmig	<input checked="" type="checkbox"/> flüssig	
Geruch:	Farbe					
nach Öl	verschieden					
3.5 Dekkerationsanalyse(n) ist/sind beigefügt (nicht für Konzept/Bilanz):	Ja <input checked="" type="checkbox"/>	Nein <input type="checkbox"/>				
<b>4 Anfall und Abgabe des Abfalls</b>						
4.1 Menge des Abfalls	Bilanzjahr/	1. Konzeptjahr	2. Konzeptjahr	3. Konzeptjahr	4. Konzeptjahr	5. Konzeptjahr
4.2 Abgabehäufigkeit 5)	300	300	300	300	300	6)
einmalig <input type="checkbox"/>						
mehrmalig <input checked="" type="checkbox"/>						
<b>5 Verantwortliche Erklärung (nur ausfüllen bei VE für Nachweise)</b>						
5.1	Wir versichern, dass die in dieser verantwortlichen Erklärung gemachten Angaben zutreffen. Wir werden nur Abfälle zur Entsorgung bereitstellen, die den Angaben in der verantwortlichen Erklärung entsprechen.					
5.2 Ort	Datum	Rechtsverbindliche Unterschrift des Abfallzahlers				
Wiesbaden	20.12.09					

3) Nach EAH-Verordnung, Bestimmungsverordnung besonders Überwachungsbedürftige Abfälle oder Bestimmungsverordnung Überwachungsbedürftige Abfälle zur Verwertung.

4) Code gemäß Anhang I-V der Verordnung (EWG) Nr. 238/83 des Rates vom 12.1.1983 zur Überwachung und Kontrolle der Verbringung von Abfällen in der, in die und aus der Europäischen Gemeinschaft - Nur ausfüllen bei Verwertung.

5) Nur ausfüllen bei VE für Nachweise.

Deklarationsanalyse zum Entsorgungsnachweis / SN zu den Nachweiserklärungen		<input type="checkbox"/> Ersterstellung	<input checked="" type="checkbox"/> Änderung / Ergänzung	zu Nr. <b>ENG08SMTZ002</b> (nicht vom Antragsteller auszufüllen)
(auszufüllen durch den Abfallerzeuger/-einsammler in Abstimmung mit dem Abfallentsorger)				zu lfd. Nr. <b>*3101 VE 1</b>
				Zutreffendes bitte ankreuzen x oder ausfüllen.
<input type="checkbox"/> Chemisch- / physikalische Behandlung		<input type="checkbox"/> oberirdische Deponie	<input type="checkbox"/> sonstige Behandlungsverfahren	
<input type="checkbox"/> Verbrennung		<input type="checkbox"/> Untertagedeponie	<input checked="" type="checkbox"/> Verwertungsverfahren	
Anzugeben sind die Parameter, die im Hinblick auf die Abfallart und den Entsorgungsvorgang erforderlich sind; ggf. sind diese zwischen Abfallerzeuger und Abfallentsorger festzulegen.				
1. Arsen	<input type="text"/>	mg/l	21. TOC	<input type="text"/> mg/l
2. Blei	<input type="text"/>	mg/l	22. AOX	<input type="text"/> mg/t
3. Cadmium	<input type="text"/>	mg/l	23. EOX	<input type="text"/> mg/l
4. Chrom-VI	<input type="text"/>	mg/l	24. pH-Wert	<input type="text"/>
5. Kupfer	<input type="text"/>	mg/l	25. Leitfähigkeit	<input type="text"/> µS/cm
6. Nickel	<input type="text"/>	mg/l	26. schwerlösliche lipophile Stoffe	<input type="text"/> mg/l
7. Quecksilber	<input type="text"/>	mg/l	27. extrahierbarer Anteil der Originalsubstanz	<input type="text"/> Gew. %
8. Zink	<input type="text"/>	mg/l	28. extrahierbare lipophile Stoffe	<input type="text"/> Gew. %
9. Fluorid	<input type="text"/>	mg/l	29. Glühverlust des Trockentrück- standes	<input type="text"/> Gew. %
10. Chlorid	<input type="text"/>	mg/l	30. wasserlöslicher Anteil	<input type="text"/> Gew. %
11. Cyanide (leicht freisetzbar)	<input type="text"/>	mg/l	31. Wassergehalt	<input type="text"/> %
12. Ammonium	<input type="text"/>	mg/l	32. Flächenscherfestigkeit	<input type="text"/> kN/m <sup>2</sup>
13. Sulfat	<input type="text"/>	mg/l	33. axiale Verformung	<input type="text"/> %
14. Nitrit	<input type="text"/>	mg/l	34. einaxiale Druckfestigkeit	<input type="text"/> kN/m <sup>2</sup>
15. Phenoole	<input type="text"/>	mg/l	35. Schmelzpunkt	<input type="text"/> °C
16. Fluor	< 0,200	Gew. %	36. Flammpunkt	<input type="text"/> °C
17. Chlor	<input type="text"/>	Gew. %	37. Siedepunkt / Siedebereich	<input type="text"/> °C
18. Brom	<input type="text"/>	Gew. %	38. Heizwert	<input type="text"/> kJ/kg
19. Jod	<input type="text"/>	Gew. %	39. Dampfdruck bei 30 °C	<input type="text"/> hPa
20. Schwefel	<input type="text"/>	Gew. %		

1) Bitte folgend nummerieren

zu Nr. **ENG08SMTZ002**

(nicht vom Antragsteller auszufüllen)

zu Id. Nr. **\*3101 VE 1**

## 40. Gasentwicklung durch Nachreaktion

40.1 a) in der Verpackung

40.2 b) unter Luftkontakt

40.3 c) bei Kontakt mit dem Salzgestein

40.4 d) bei Temperaturen ab

 °C

## 41. Angabe der gefährlichen Bestandteile 1)

41.1 a) des Abfalls

41.2 b) der Zersetzungprodukte

	weitere Parameter 2)	Wert	Dimension		weitere Parameter 2)	Wert	Dimension
42.	<input type="text"/> Sedimente	< <input type="text"/> 4,00	<input type="text"/> Vol%	47.	<input type="text"/>	<input type="text"/>	<input type="text"/>
43.	<input type="text"/> PCB	< <input type="text"/> 4,00	<input type="text"/> ppm	48.	<input type="text"/>	<input type="text"/>	<input type="text"/>
44.	<input type="text"/>	<input type="text"/>	<input type="text"/>	49.	<input type="text"/>	<input type="text"/>	<input type="text"/>
45.	<input type="text"/>	<input type="text"/>	<input type="text"/>	50.	<input type="text"/>	<input type="text"/>	<input type="text"/>
46.	<input type="text"/>	<input type="text"/>	<input type="text"/>	51.	<input type="text"/>	<input type="text"/>	<input type="text"/>

## 52. weitere Angaben

Es handelt sich hierbei um Alktöle bekannter Herkunft. VBF Klasse AIII (Flammpunkt &gt; 55 Grad C)

Passer für EDV

i.-# 0000003101

Formblatt Annahmeerklärung (AE)

- Annahmeerklärung für Nachweise  
 Angaben zur Entsorgung für Abfallwirtschaftskonzept  
 Angaben zur Entsorgung für Abfallbilanz  
 Angaben zur Entsorgung für Antrag auf Freistellung nach § 13 NachwV  
 (auszufüllen durch den Abfallentsorger/Konzeptpflichtigen/Bilanzpflichtigen)

zu Nr. **ENG08SMTZ002**

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz aus Deckblatt zu zu lfd. Nr. AE

Folgeblatt ist beigelegt Zutreffendes bitte ankreuzen x oder ausfüllen.  
Für jede Anfallstelle und für jeden Abfallschlüssel gesondert**1 Angaben zum Abfallentsorger**

1.1 Firma

Süd-MÜLL GmbH & Co. KG für Abfall-transporte und Sonderabfallbeseitigung

1.2 Strasse

Hausnr.

Gerolsheimer Landstraße

1.3 PLZ                   Ort

67258                  HeßheimFür interne  
Vermärke**2 Entsorgungsanlage (bestehende Anlage, für Konzept auch geplante Anlage)**2.1 Entsorgungsverfahren <sup>1)</sup> R 13 oder D  (Falls zutreffend, Formblatt Eigenentsorgung ausfüllen)

2.3 Bezeichnung der Entsorgungsanlage

Süd-MÜLL GmbH & Co. KG für Abfalltransp.Entsorgernummer  
G08446825

2.4 Strasse

Hausnr.

Gerolsheimer Landstraße2.5 Staat <sup>2)</sup> PLZ                   OrtD                  67258                  Heßheim

2.6 Ansprechpartner

Dr. Manfred Hery

2.7 Telefon                           Telefax

06233 7701-64                   06233 7701-182.8 Die Anlage ist gemäss § 13 NachwV freigestellt: Ja  Nein wenn ja, Freistellungsnummer FRGR00000002

2.9 Auflistung und Beschreibung der Abfälle nach Art, Beschaffenheit und Menge bei Anträgen nach §13 NachwV auf gesondertem Blatt nach Maßgabe der zuständigen Behörde.

1) Verfahrensangabe nach Anhang IIA oder IIB des KrW-/AbfG  
 2) Ländercode nach der Entscheidung 94/774/EG der Kommission vom 24. November 1994 über den einheitlichen Begleitschein gemäss der Entscheidung des Rates

zu Nr. **ENG08SMTZ002**

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz aus Deckblatt zu zu Ifd. Nr. AE)

**3 Entsorgungsverfahren** (nur für Konzepte ausfüllen)

Die in die Anlage eingebrachten Abfälle werden zu

3.1	v.H. stofflich verwertet	v.H. energetisch verwertet	v.H. beseitigt	v.H. weder verwertet noch beseitigt
-----	-----------------------------	-------------------------------	-------------------	--

3.2 Der weder verwertete noch beseitigte Anteil soll in einem Verfahren nach <sup>3)</sup> entsorgt werden.

3.3 Anlagentyp oder Branche gemäss § 3 Abs. 4 AbfKoBiV (soweit noch keine konkrete Anlage benannt werden kann)

Für interne  
Vermerke**4 Annahmeerklärung** (nur ausfüllen bei AE für Nachweise)

4.1 Wir versichern, dass die Angaben zutreffen. Die Anlage ist für die Entsorgung des deklarierten Abfalls

gemäss Verantwortlicher Erklärung Ifd.-Nr. \_\_\_\_\_ VE bis \_\_\_\_\_ VE

zugelassen. Wir versichern, daß die Abfälle in unserer Anlage ordnungsgemäß und schadlos verwertet oder gemeinwohlverträglich beseitigt werden. Wir sind bereit, den deklarierten Abfall anzunehmen.

4.2 Ort

Datum  
Tag, Monat, JahrRechtsverbindliche Unterschrift  
des Abfallentsorgers

Heßheim

08.01.2008

ppa. Dr. M. Hery

**S M T**  
 Behandlungsanlage mit  
 Sonderabfallzwischenlager  
 67258 Heßheim

Entsorger-Nr.: G08446825

3) Verfahrensaugabe nach Anhang IIA oder IIB des KrW-/AbfG

# ZKS-@bfall

ZENTRALE KOORDINIERUNGSSTELLE DER LÄNDER

Rolle Erzeuger; gewählte Änderungshistorie aktuelle

## Deckblatt Entsorgungsnachweis (DEN)

## Signaturen

Erzeuger-Signatur: 13.10.2011 09:52:13



Entsorger-Signatur: 14.07.2011 11:52:08

## Entsorgungsnachweis (EN) zur Vorabkontrolle eines gefährlichen Abfalls.

Vorl. Nr. 6022e9e2-3dc0-48ab-916b-1b6b1f7d4d38

Nachweisnummer/PZ ENG11SMTZ0341

Privilegiertes Verfahren	Ja	Nein
Art der Anwendung	Zur Beseitigung	Zur Verwertung
Freiwillige Rücknahme	Ja	Nein

## Allgemeine Angaben zum Abfall (nur bei Verwendung als Registerdeckblatt)

Abfallschlüssel  (nach Abfallverzeichnis-Verordnung)Abfallbezeichnung  

## Weitere Angaben

Keine Angaben

## Angaben zu den Abfallwirtschaftsbeteiligten

## Angaben zum Abfallerzeuger Firma / Körperschaft

Name	US Army Garrison Baumholder	(Zeile 1)
	Directorate of Public Works (DPW)	(Zeile 2)
	<input type="text"/>	(Zeile 3)
	<input type="text"/>	(Zeile 4)
Straße	Engineer Road Geb. 8164	(Zeile 1)
	<input type="text"/>	(Zeile 2)
Hausnr	8164	
PLZ	55774	
Ort	Baumholder	(Zeile 1)
	<input type="text"/>	(Zeile 2)

## Staat

Ansprechpartner	Frau Sheetz
Telefon	06783/66858
Telefax	06783/67026
E-Mail	birgit.sheetz@us.army.mil

## Bevollmächtigter des Erzeugers

Name	Süd-Müll GmbH & Co. KG für Abfall-	(Zeile 1)
	transporte u. Sonderabfallbeseit.	(Zeile 2)
	<input type="text"/>	(Zeile 3)
	<input type="text"/>	(Zeile 4)

Straße

Gerolsheimer Straße		(Zeile 1)
		(Zeile 2)
Hausnr		
PLZ	67258	
Ort	Heßheim	(Zeile 1)
	(Zeile 2)	
Staat		
Ansprechpartner	Hr. Andreas Hallmann	
Telefon	06233/7701-32	
Telefax	06233/71743	
E-Mail	a.hallmann@sued-muell.com	

**Für Vermerke des Abfallerzeugers**

Durch die Behörde bestätigtes Eingangsdatum		
Ablauf der Frist nach § 5 Abs.5		
Eingang erforderlicher Dokumente nach NachwV		
Unterlagen vollständig	Ja	Nein

**Dateianhänge zum Formular**

Id	Dateiname	Dateityp	Dateigröße
ID_120308236162	bev130205.pdf	pdf	35842 byte
ID_120308255019	egf130205.pdf	pdf	79234 byte

**Verantwortliche Erklärung (VE)**

Vorl. Nr.  Nachweisnummer/PZ

**Abfallherkunft**

<b>Erzeuger (Betriebsstätte)</b>	
Erzeugernummer	<input type="text" value="G022969065"/>
Name	US Army Garrison Baumholder (Zeile 1) Directorate of Public Works (DPW) (Zeile 2)  (Zeile 3)  (Zeile 4)
Straße	Engineer Road Geb. (Zeile 1)  (Zeile 2)
Hausnr	<input type="text" value="8164"/>
PLZ	<input type="text" value="55774"/>
Ort	Baumholder (Zeile 1)  (Zeile 2)
Staat	
Ansprechpartner	<input type="text" value="Fr.Birgit Sheetz"/>
Telefon	<input type="text"/>
Telefax	<input type="text"/>
E-Mail	<input type="text" value="Birgit.Sheetz@EUR.ARMY.MIL"/>

**Abfallbeschreibung**

Betriebsinterne Bezeichnung

Abfallschlüssel	130205 (nach Abfallverzeichnis-Verordnung)
Abfallbezeichnung	nichtchlorierte Maschinen-, Getriebe- und Schmieröle auf Mineralölbasis

Vorbehandlung des Abfalls	Ja	Nein			
Art der Vorbehandlung					
Konsistenz	fest	stichfest	pastös/schlammig/breiig	staubförmig	flüssig

**Anfall des Abfalls**Menge in t **Beantragte Laufzeit**

Datum von	13.07.2011
Datum bis	12.07.2016

**Verantwortliche Erklärung**

Anmerkung	Wir versichern, dass die in dieser Verantwortlichen Erklärung gemachten Angaben zutreffen. Wir werden nur Abfälle zur Entsorgung bereitstellen, die den Angaben in der Verantwortlichen Erklärung entsprechen.
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Ort	Heßheim
Datum	13.07.2011
Bevollmächtigter	Andreas Hallmann
Name	Frau Sheetz

**Annahmeerklärung (AE)**

Vorl. Nr.	6022e9e2-3dc0-48ab-916b-1b6b1f7d4d38	Nachweisnummer/PZ	ENG11SMTZ0341
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**Allgemeine Angaben zum Abfall (nur bei Verwendung als Registerdeckblatt)**

Abfallschlüssel	(nach Abfallverzeichnis-Verordnung)
Abfallbezeichnung	

**Angaben zum Abfallentsorger**

Name	Süd-Müll GmbH & Co. KG für Abfall (Zeile 1)
	transporte und Sonderabfallbeseitig (Zeile 2)
	ung (Zeile 3)
	(Zeile 4)
Straße	Gerolsheimer Straße (Zeile 1)
	(Zeile 2)
Hausnr	
PLZ	67258
Ort	Heßheim (Zeile 1)
	(Zeile 2)
Staat	

**Entsorgungsanlage**

Chemisch-/physikalische Behandlung	Thermische Behandlung	Oberirdische Deponierung	Untertage-Deponie	Sonstige
Entsorgungsverfahren R oder D	R13			

Entsorger		Hochwert	
Entsorgernummer	G084468254	Rechtswert	
Name	Süd-Müll GmbH & Co. KG für Abfall- (Zeile 1)	Kartennummer	
	transporte und Sonderabfallbeseitig (Zeile 2)	Arbeitsstätten-Nr.	
	ung (Zeile 3)		
	(Zeile 4)	Entsorgungsanlage	Sammelstelle
Straße	Gerolsheimer Straße (Zeile 1)		
	(Zeile 2)	Freistellung	<input type="checkbox"/> Ja <input type="checkbox"/> Nein
Hausnr		Frei-Nr./PZ	FRGR000000021
PLZ	67258		
Ort	Heßheim (Zeile 1)		
	(Zeile 2)		
Staat			
Ansprechpartner	Dr. Hery, Manfred		
Telefon	06233/7701-64		
Telefax	06233/7701-18		
E-Mail	m.hery@sued-muell.com		

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Laufzeit der Annahmeerklärung

Datum von	13.07.2011
Datum bis	12.07.2016

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## Annahmeerklärung

Versicherung	Wir versichern, dass die Angaben zutreffen. Die Anlage ist für die Entsorgung des deklarierten Abfalls gemäß Verantwortlicher Erklärung zugelassen. Wir versichern, dass die Abfälle in unserer Anlage ordnungsgemäß und schadlos verwertet oder gemeinwohlvertraglich beseitigt werden. Wir sind bereit, den deklarierten Abfall anzunehmen.
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## Anmerkung

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## Ort

Heßheim
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## Datum

13.07.2011
------------

## Name

ppa. Dr. Manfred Hery
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## Ergänzendes Formblatt (EGF)

---

Keine Angaben

## Nachforderung (NAFO)

---

Keine Angaben

## Alternative Anordnung (AA)

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Keine Angaben

# Begleitschein

Beleg zum Nachweis der Entsorgung von Abfällen

Blatt ①

Nr.

12360

Diese Ausfertigung (weiß) ist mit der Unterschrift des Beförderers im Nachweibuch des Erzeugers abzuheften.

Abfallbezeichnung<sup>1)</sup>

Abfallschlüssel<sup>1)</sup>

Entsorgungsnachweis-Nummer

Menge in t

Erzeugernummer

Beförderernummer

Entsorgernummer

Datum der Übergabe (Tag, Monat, Jahr)

Datum der Übernahme (Tag, Monat, Jahr)

Datum der Annahme (Tag, Monat, Jahr)

Firmenname, Anschrift

Firmenname, Anschrift

Firmenname, Anschrift

Unterschrift (als Versicherung der richtigen Deklaration)

Unterschrift (als Versicherung der ordnungsgemäßen Beförderung)

Unterschrift (als Versicherung der Annahme zur ordnungsgemäßen Entsorgung)

Frei für Vermerke/Übernahmeschein-Nummern bei Nutzung eines Sammelentsorgungsnachweises

Bitte verwenden Sie diese Schreibweise:  

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
S	T	U	V	W	X	Y	Z	1	2	3	4	5	6	7	8	9	0

## Weitere an der Beförderung beteiligte Firmen:

Beförderernummer (1. Transportwechsel)

Beförderernummer (2. Transportwechsel)

Zwischenlager

Datum der Übernahme (Tag, Monat, Jahr)

Datum der Übernahme (Tag, Monat, Jahr)

Datum der Übernahme (Tag, Monat, Jahr)

Beförderer (nur Name, Anschrift)

Beförderer (nur Name, Anschrift)

Firmenname, Anschrift

Unterschrift (als Versicherung der ordnungsgemäßen weiteren Beförderung)

Unterschrift (als Versicherung der ordnungsgemäßen weiteren Beförderung)

Datum der Übergabe (Tag, Monat, Jahr)

Unterschrift (als Versicherung der ordnungsgemäßen Zwischenlagerung)

1) Nach Abfallverzeichnis-Verordnung (AVV)

Passer für EDV

I.-# 0000002785

Formblatt Deckblatt Entsorgungsnachweis (EN)

Nr. **SNG070032025**

(nicht vom Antragsteller auszufüllen)

**Entsorgungsnachweis / Sammelentsorgungsnachweis / VN / VS**

(auszufüllen durch den Abfallerzeuger)

Zutreffendes bitte ankreuzen  oder ausfüllen.

<b>EN</b>	<input type="checkbox"/> Entsorgungsnachweis für besonders überwachungsbedürftige Abfälle	<input type="checkbox"/> zur Verwertung	<input type="checkbox"/> zur Beseitigung
<b>SN</b>	<input checked="" type="checkbox"/> Sammelentsorgungsnachweis für besonders überwachungsbedürftige Abfälle	<input type="checkbox"/> zur Verwertung	<input checked="" type="checkbox"/> zur Beseitigung
<b>VN</b>	<input type="checkbox"/> Vereinfachter Nachweis für überwachungsbedürftige Abfälle	<input type="checkbox"/> zur Verwertung	<input type="checkbox"/> zur Beseitigung
<b>VS</b>	<input type="checkbox"/> Vereinfachter Sammelnachweis für überwachungsbedürftige Abfälle	<input type="checkbox"/> zur Verwertung	<input type="checkbox"/> zur Beseitigung

**Angaben zum Abfallerzeuger**

Firma / Körperschaft

Süd-Müll GmbH & Co. KG für Abfall-  
transporte und Sonderabfallbeseitigung

Strasse

Hausnr.

Gerolsheimer Landstraße

PLZ

Ort

67258

Heßheim

Ansprechpartner

Herr Andreas Christmann

Telefon

Telefax

06233 7701-69

06233 7701-18

Für interne  
Vermerke  
der Behörde

Soweit mehrere Abfälle eines Abfallerzeugers in derselben Anlage entsorgt werden, können diese in einem Entsorgungsnachweis zusammengefasst werden. Für jede Anfallstelle ist ein gesondertes Formblatt "Verantwortliche Erklärung" auszufüllen. Die Anfallstellen sind fortlaufend zu numerieren; in der Annahmeerklärung des Abfallsorgers und - soweit zutreffend - der Bestätigung der Behörde ist darauf ausdrücklich Bezug zu nehmen.

Dieser Entsorgungsnachweis enthält die Verantwortliche(n) Erklärung(en) lfd. Nr. 0001 VE bis 0001 VE

**Für Vermerke des Abfallerzeugers (für Entsorgungsnachweise/Sammelentsorgungsnachweise ausfüllen)**

Datum der Eingangsbestätigung der Behörde 22.01.2007

Unterlagen vollständig

Ablauf der Frist nach § 5 Abs. 5 der NachwV

Verantwortliche Erklärung und Annahmeerklärung und Bestätigung der Behörde  
(soweit aufgrund NachwV erforderlich) gingen in Kopie an die zuständige Behörde am

Passer für EDV

I.-# 0000002785

Formblatt Verantwortliche Erklärung (VE)

**Verantwortliche Erklärung für Nachweise****zu Nr. SNG070032025****Abfallbeschreibung für Abfallwirtschaftskonzept**

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz aus Deckblatt zu zu lfd. Nr. VE 1)

**Abfallbeschreibung für Abfallbilanz**Folgeblatt ist beigelegt **Abfallbeschreibung für Anzeige nach § 11 NachwV**

(auszufüllen durch den Abfallerzeuger)

Zutreffendes bitte ankreuzen x oder ausfüllen.  
Für jede Anfallstelle und für jeden Abfallschlüssel gesondert**1 Abfallherkunft (nicht ausfüllen bei Sammelentsorgung)**1.1 Bezeichnung der Anfallstelle <sup>2)</sup>Für interne  
Vermerke

1.2 Anlage ist nach BlmSchG, Nr. \_\_\_\_\_ Spalte \_\_\_\_\_ der Anlage zur 4. BlmSchV, genehmigt.

Anlagenummer nach BlmSchG-Genehmigung \_\_\_\_\_

Zuständiger Betriebsbeauftragter für Abfall lfd. Nr. \_\_\_\_\_ BA (aus Deckblatt für Konzept/Bilanz)

1.3 Strasse oder Koordinaten

Erzeugernummer

1.4 PLZ Ort

1.5 Ansprechpartner

1.6 Telefon Telefax

1.7 Die Anzeige gemäss § 11 NachwV für die Anfallstelle liegt der zuständigen Behörde Ja  Nein  vor:  
wenn ja, Anzeigenummer \_\_\_\_\_**2 Abfallherkunft (nur ausfüllen bei Sammelentsorgung)**

2.1 Bundesland/Bundesländer in dem/denen der Abfall eingesammelt wird

RP,SL

2.2 Beförderungsnummer

G08364389

Name

Süd-Müll GmbH &amp; Co. KG für Abfall-

transporte und Sonderabfallbeseitigung

Strasse oder Koordinaten

Gerolsheimer Landstraße

PLZ Ort

67258 Heßheim

Ansprechpartner

Herr Andreas Christmann

Telefon

Telefax

06233 7701-69

06233 7701-18

1) Bitte fortlaufend nummerieren.

2) Betriebsschäfte, sonstige ortsfeste Einrichtung, bauliche Anlage, Grundstück oder davon betrieblich unabhängige ortsveränderliche technische

zu Nr. **SNG070032025**

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz aus Deckblatt zu zu lfd. Nr. VE)

**3 Abfallbeschreibung**

## 3.1 Betriebsinterne Bezeichnung

Abfallschlüssel<sup>3)</sup>**160507\***Code<sup>4)</sup>

(Nur bei Konzept/Bilanz bei Verbringung außerhalb der Bundesrepublik Deutschland)

Abfallbezeichnung<sup>3)</sup>**gebrauchte anorganische Chemikalien, die aus gefährlichen Stoffen bestehen oder solche enthalten**3.2 Abfall wurde vorbehandelt: Ja  Nein **Abfallbeschreibung (Fortsetzung)** (Nur ausfüllen bei VE für Nachweise)3.3 Konsistenz:  fest  stichfest  pastös/schlammig/breißig  staubförmig  flüssig

3.4 Geruch

Farbe

**arttypisch****verschieden**3.5 Deklarationsanalyse(n) ist/sind beigefügt (nicht für Konzept/Bilanz): Ja  Nein **4 Anfall und Abgabe des Abfalls**4.1 Menge des Abfalls Bilanzjahr/  
1. Konzeptjahr 2. Konzeptjahr 3. Konzeptjahr 4. Konzeptjahr 5. Konzeptjahr4.2 Abgabehäufigkeit<sup>5)</sup> **einmalig**  **mehrmalig**  40 40 40 40 40 t/a**5 Verantwortliche Erklärung** (nur ausfüllen bei VE für Nachweise)

5.1 Wir versichern, dass die in dieser Verantwortlichen Erklärung gemachten Angaben zutreffen. Wir werden nur Abfälle zur Entsorgung bereitstellen, die den Angaben in der Verantwortlichen Erklärung entsprechen.

5.2 Ort

Datum  
Tag, Monat, JahrRechtsverbindliche Unterschrift  
des Abfallerzeugers**Heßheim****17.01.2007****I.A. A. Christmann**

3) Nach EAK-Verordnung, Bestimmungsverordnung besonders überwachungsbedürftige Abfälle oder Bestimmungsverordnung überwachungsbedürftige Abfälle zur Verwertung.

4) Code gemäss Anhang II-IV der Verordnung (EWG) Nr. 259/93 des Rates vom 1.2.1993 zur Überwachung und Kontrolle der Verbringung von Abfällen in der, in die und aus der

Passer für EDV

i.-# 0000002785

Formblatt Annahmeerklärung (AE)

- Annahmeerklärung für Nachweise
- Angaben zur Entsorgung für Abfallwirtschaftskonzept
- Angaben zur Entsorgung für Abfallbilanz
- Angaben zur Entsorgung für Antrag auf Freistellung nach § 13 NachwV  
(auszufüllen durch den Abfallentsorger/Konzeptpflichtigen/Bilanzpflichtigen)

zu Nr. SNG070032025

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz aus Deckblatt zu zu lfd. Nr. AE

Folgeblatt ist beigelegt Zutreffendes bitte ankreuzen x oder ausfüllen.  
Für jede Anfallstelle und für jeden Abfallschlüssel gesondert**1 Angaben zum Abfallentsorger**

## 1.1 Firma

Süd-Müll GmbH &amp; Co. KG für Abfall-

transporte und Sonderabfallbesetzung

Für interne  
Vermerke

## 1.2 Strasse

Gerolsheimer Landstraße

Hausnr.

## 1.3 PLZ                          Ort

67258                          Heßheim

**2 Entsorgungsanlage (bestehende Anlage, für Konzept auch geplante Anlage)**2.1 Entsorgungsverfahren <sup>1)</sup> R \_\_\_\_\_ oder D 15 (Falls zutreffend, Formblatt Eigenentsorgung ausfüllen)

## 2.3 Bezeichnung der Entsorgungsanlage

Süd-Müll GmbH &amp; Co. KG für Abfalltransp.

Entsorgernummer  
G08446825

## 2.4 Strasse

Gerolsheimer Landstraße

Hausnr.

2.5 Staat <sup>2)</sup> PLZ                          Ort

D 67258                          Heßheim

## 2.6 Ansprechpartner

Dr. Manfred Hery

## 2.7 Telefon                          Telefax

06233 7701-64                          06233 7701-18

2.8 Die Anlage ist gemäss § 13 NachwV freigestellt: Ja  Nein 

wenn ja, Freistellungsnummer FRGR00000002

## 2.9 Auflistung und Beschreibung der Abfälle nach Art, Beschaffenheit und Menge bei Anträgen nach §13 NachwV auf gesondertem Blatt nach Maßgabe der zuständigen Behörde.

1) Verfahrensangabe nach Anhang IIA oder IIB des KrW-/AbfG

2) Landescode nach der Entscheidung 94/774/EG der Kommission vom 24. November 1994 über den einheitlichen Begleitschein gemäss der Entscheidung des Rates

zu Nr. **SNG070032025**

(nicht vom Antragsteller auszufüllen, bei Konzept/Bilanz aus Deckblatt zu)

zu lfd. Nr. AE

**3 Entsorgungsverfahren** (nur für Konzepte ausfüllen)

Die in die Anlage eingebrachten Abfälle werden zu

3.1  v.H.  v.H.  v.H.  v.H.  
 stofflich verwertet energetisch verwertet beseitigt weder verwertet noch beseitigt

3.2 Der weder verwertete noch beseitigte Anteil soll in einem Verfahren nach <sup>3)</sup> entsorgt werden.

3.3 Anlagentyp oder Branche gemäss § 3 Abs. 4 AbfKoBiV (soweit noch keine konkrete Anlage benannt werden kann)

Für interne  
Vermerke**4 Annahmeerklärung** (nur ausfüllen bei AE für Nachweise)

4.1 Wir versichern, dass die Angaben zutreffen. Die Anlage ist für die Entsorgung des deklarierten Abfalls  
 gemäss Verantwortlicher Erklärung lfd.-Nr. 0001 VE bis 0001 VE

zugelassen. Wir versichern, daß die Abfälle in unserer Anlage ordnungsgemäß und schadlos verwertet  
 oder gemeinwohlverträglich beseitigt werden. Wir sind bereit, den deklarierten Abfall anzunehmen.

4.2 Ort Rechtsverbindliche Unterschrift  
des Abfallentsorgers  
 Datum  
Tag, Monat, Jahr

Hessheim 17.01.2007 ppa. Dr. Hery

3) Verfahrensangabe nach Anhang IIA oder IIB des KrW-/AbfG

Passer für EDV

i.-# 0000002785

Formblatt Behördenbestätigung (BB)

**Behördliche Bestätigung****zu Nr. SNG070032025**

(nicht vom Antragsteller auszufüllen)

 der Zulässigkeit der Entsorgung der Freistellung nach § 13 NachwV

(auszufüllen durch die für die Entsorgungsanlage zuständigen Behörde)

Zutreffendes bitte ankreuzen x oder  
markieren**1 Bestätigung der Zulässigkeit der Entsorgung / der Freistellung nach § 13 NachwV**

1.1 Die Zulässigkeit der vorgesehenen Entsorgung des/r in der/n Verantwortlichen Erklärung/en,

Ifd.-Nr. \_\_\_\_\_ VE bis \_\_\_\_\_ VE beschriebenen Abfalls/Abfälle

in der in der Annahmeerklärung beschriebenen Entsorgungsanlage wird bestätigt: Ja  Nein 

1.2 Die in den Annahmeerklärungen

Ifd.-Nr. \_\_\_\_\_ VE bis \_\_\_\_\_ VE beschriebenen Entsorgungsanlagen werden hiermit freigestellt  
(nur für Freistellungen nach § 13). Die Freistellung wird unter dem Vorbehalt des Widerrufs erteilt

1.3 Die Bestätigung/Freistellung ergeht mit folgender/n Nebenbestimmung/en:

1.4 Der Entsorgungsnachweis/Die Freistellung ist gültig bis: 22.01.2012

1.5 Begründung, wenn nicht bestätigt, unter 5 Jahre befristet, unter Vorbehalt des Widerrufs erteilt oder mit Nebenbestimmungen ergangen:

1.6 Dieser Bescheid ist gebührenpflichtig. Es ergeht ein gesonderter Gebührenbescheid.

1.7 Die beigefügte Rechtsbehelfsbelehrung ist Bestandteil dieses Bescheides.

1.8 Aktenzeichen

1.9 Ort

Datum  
Tag, Monat, Jahr

Unterschrift

Mainz23.01.2007SAM

## Anzeige gemäss § 11 der Nachweisverordnung

zu Nr. SNG070032025

(nicht vom Antragsteller auszufüllen)

Zutreffendes bitte ankreuzen x oder ausfüllen

## 1 Angaben zum Abfallerzeuger

## 1.1 Firma / Körperschaft

---

## 1.2 Strasse

Hausnr.

---

## 1.3 PLZ Ort

---

## 1.4 Wir beabsichtigen, für die in den beigefügten Verantwortlichen Erklärungen

Ifd.-Nr. \_\_\_\_\_ VE bis \_\_\_\_\_ VE

deklarierten besonders überwachungsbedürftigen Abfälle die privilegierte Nachweisführung gemäß Nachw/Verordnung in Anspruch zu nehmen.

In einem separaten Beiblatt sind die für die Abfälle vorgesehenen Entsorgungsverfahren aufgeführt.

## 1.5 Wir versichern, die in den Verantwortlichen Erklärungen deklarierten Abfälle ausschließlich in Anlagen, die gemäss § 13 NachwV freigestellt sind, zu entsorgen.

1.6 Ort Datum  
Tag, Monat, JahrRechtsverbindliche Unterschrift  
des AbfallentsorgersFür interne  
Vermerke  
der Behörde

## Antrag auf Freistellung gemäss § 13 der Nachweisverordnung

zu Nr. SNG070032025

(nicht vom Antragsteller auszufüllen)

Zutreffendes bitte ankreuz x oder ausfüllen

## 1 Angaben zum Abfallentsorger

## 1.1 Firma

---

## 1.2 Strasse

Hausnr.

---

## 1.3 PLZ Ort

---

## 1.4 Wir beantragen, für die in den beigefügten Annahmeerklärungen

Ifd.-Nr. \_\_\_\_\_ VE bis \_\_\_\_\_ VE

beschriebenen Anlagen von der Pflicht, besonders überwachungsbedürftigen Abfälle nur nach vorhergehender Bestätigung des Entsorgungsnachweises im Sinne des § 5 NachwV anzunehmen, freigestellt zu werden. In einem separaten Beiblatt sind die den Anlagen zugeordneten Abfallschlüssel aufgeführt.

## 1.5 Wir versichern, nur Abfälle von Abfallerzeugern anzunehmen, die Ihrer Anzeigepflicht gemäss § 11 NachwV nachgekommen sind.

1.6 Ort Datum  
Tag, Monat, JahrRechtsverbindliche Unterschrift  
des AbfallentsorgersFür interne  
Vermerke  
der Behörde



# Übernahmeschein

zum Nachweis der Übernahme von Abfällen

Diese Ausfertigung (weiß) ist mit der Unterschrift des Beförderers/Entsorgers im Nachweisbuch des Erzeugers/Beförderers bei Befördererwechsel abzuheften.

## Abfallbezeichnung<sup>1)</sup>

gebrauchte anorganische Chemikalien, die aus gefährlichen Stoffen bestehen oder solche enthalten

Blatt ①

Nr.

22260/0182007

SDGS-Nr.: 12260/8045200

interne Nummer:  
0000575549

## Abfallschlüssel<sup>1)</sup>

160507\*

## Entsorgungsnachweis-Nummer

SNG070032025

## Menge in t

0,786

## Erzeugernummer (soweit vorhanden)

G02296906

## Beförderernummer (Übernahme vom Erzeuger)

G08364389

## Entsorgernummer (soweit vorhanden)

Ladezeit von ..... bis .....

## Abfallerzeuger oder Beförderer bei Befördererwechsel (Name, Anschrift)

USAG Baumholder AETV-BHR-EC

Smith Barracks, Geb. 8400  
55774 Baumholder, Stadt

## Datum der Übernahme (Tag, Monat, Jahr)

091210

## Beförderer (Name, Anschrift)

Süd-Müll GmbH & Co. KG für Abfalltransporte und Sonderabfallbeseitigung  
Gerolsheimer Landstraße  
67258 Heidelberg

W221

## Verpackung

Stück: Größe

AXIBL 860 kg

## Abfallentsorger (Name, Anschrift)

## Unterschrift (als Versicherung der richtigen Deklaration)

## Unterschrift (als Versicherung der ordnungsgemäßen Beförderung)

## Unterschrift (als Versicherung der Annahme zur ordnungsgemäßen Entsorgung)

## Frei für Vermerke

US RP D0107 N2470 lt 7  
ASP

26132

Courtesy Translation

**Authorization for the electronic waste disposal proof (eANV)**

Hereby we authorize the

NAME OF FIRM/CONTRACTOR

Address....., Germany

for (please check)

- the registration of our company at the Central Coordination Center to participate as a waste generator at the electronic waste disposal proof (eANV).
- the preparation of the responsible declaration with signature

Construction measure:

Street:

ZIP Code, City: 55774 Baumholder

- the electronic signature of the disposal logs

The legal liability of the generator will not be affected hereby.

Company Name: US Army Garrison Baumholder, Name of Organization

Straße: Street Name, Bldg. ####

ZIP Code, City: 55774 Baumholder

Point of Contact: Organization, Name of POC

Phone: 06783/6-####

Fax: 06783/6-####

E-Mail-Adress:

Generator # / Control #<sup>\*)</sup>: ----- <sup>\*)</sup>Control #  
(if available)

Name of GC  
LTC, SC  
Commanding

---

City, Date

---

Legally binding signature / stamp



<b>Submitted By:</b>	<b>Organization</b>	DMWRF	<b>POC Name</b>	Mr. Ford	<b>Phone:</b>	<b>Date:</b>	
<b>Practice:</b>	Hazardous Waste Generation						
<b>Aspect:</b>	Reduce generation of hazardous waste						
<b>Practice Owner(s)</b>	<b>Objective</b>	<b>Plan of Action</b>	<b>Targets</b>	<b>Milestones</b>	<b>Status &amp; Entry Date</b>		
Strip Lot	Reduce the total amount of waste lead acid batteries disposed	Separate functioning lead acid batteries from "dead" batteries, offer functional batteries to customers free/sale	Reduce the generation of waste lead acid batteries by 30%	Obtain lead acid battery tester and charger	Completed 10 Sep 11		
				Obtain an authorized storage container for the collection of "good" batteries	Completed 10 Sep 11		
				Advertise to customers, utilizing the facility of their availability	Completed, 3 Oct 11		
				Establish tracking mechanism/log to show when batteries were re-issued if not disposed	In progress, 25 Oct 11		
<b>Tracking Method:</b>	Compare total quantities of scrap batteries received (via vehicles) versus batteries disposed.						

Locally Generated Form



**APPOINTMENT/TERMINATION RECORD - AUTHORIZED SIGNATURE**

(Read Privacy Act Statement and Instructions before completing form.)

**PRIVACY ACT STATEMENT**

AUTHORITY: E.O. 13397, 31 U.S.C. Sections 3325, 3528, and DoDFMR 7000.14-R, Vol. 5.

PRINCIPAL PURPOSE(S): To maintain a record of certifying and accountable officers' appointments, and termination of those appointments. The information will also be used for identification purposes associated with certification of documents and/or liability of public records and funds.

ROUTINE USE(S): The information on this form may be disclosed as generally permitted under 5 U.S.C Section 552a(b) of the Privacy Act of 1974, as amended. It may also be disclosed outside of the Department of Defense (DoD) to the Federal Reserve banks to verify authority of the accountable individual to issue Treasury checks. In addition, other Federal, State and local government agencies, which have identified a need to know, may obtain this information for the purpose(s) identified in the DoD Blanket Routine Uses published in the Federal Register.

DISCLOSURE: Voluntary; however, failure to provide the requested information may preclude appointment.

**SECTION I - FROM: APPOINTING AUTHORITY**

1. NAME (First, Middle Initial, Last)	2. TITLE	3. DOD COMPONENT/ORGANIZATION
4. DATE (YYYYMMDD)	5. SIGNATURE	

**SECTION II - TO: APPOINTEE**

6. NAME (First, Middle Initial, Last)	7. SSN	8. TITLE
9. DOD COMPONENT/ORGANIZATION		10. ADDRESS (Include ZIP Code)
11. TELEPHONE NUMBER (Include Area Code)		12. EFFECTIVE DATE OF APPOINTMENT (YYYYMMDD)

**13. POSITION TO WHICH APPOINTED (X as applicable)**

<input type="checkbox"/> DEPUTY DISBURSING OFFICER	<input type="checkbox"/> DISBURSING AGENT	<input type="checkbox"/> PAYING AGENT
<input type="checkbox"/> CASHIER	<input type="checkbox"/> CHANGE FUND CUSTODIAN	<input type="checkbox"/> COLLECTION AGENT
<input checked="" type="checkbox"/> CERTIFYING OFFICER	<input type="checkbox"/> DEPARTMENTAL ACCOUNTABLE OFFICIAL	<input type="checkbox"/> REVIEWING OFFICIAL
OTHER (Specify)		

**14. YOU ARE HEREBY APPOINTED TO SERVE IN THE CAPACITY IDENTIFIED IN ITEM 13. YOUR RESPONSIBILITIES INCLUDE:**

YOUR RESPONSIBILITES FOR THIS ADDITIONAL DUTY ARE LIMITED TO: OBTAINING GERMAN SIGNATURE CARD WITH AUTHORITY ON BEHALF OF GARRISON COMMANDER TO SIGN HAZARDOUS WASTE MANIFESTS (ENTSORGUNGSNACHWEISE) AND ASSOCIATED SHIPPING DOCUMENTS (e.g. BEGLEITSCHEINE) PERMITTING TRANSPORTATION OF GARRISON GENERATED HAZARDOUS WASTE TO APPROVED DISPOSAL FACILITY. THIS APPOINTMENT DOES NOT ENTAIL DANGEROUS GOODS ADVISOR RESPONSIBILITY UNLESS SPECIFICALLY APPOINTED ON AF FORM 55-50G. HAZARDOUS WASTE TYPES REQUIRING DISPOSAL MAY INCLUDE SPENT POL PRODUCTS, OIL/WATER SEPARATOR SLUDGES, CONTAMINATED SOIL, CONSTRUCTION DEBRIS WITH HAZARDOUS SUBSTANCES AND OTHER WASTE STREAMS CLASSIFIED AS HAZARDOUS. YOU ARE ALSO APPROVED TO AUTHORIZE TRANSFER OF GARRISON "OWNED" PROPERTY TO DEFENSE LOGISTICS AGENCY FOR RE-UTILIZATION, DE-MILITARIZATION OR FINAL DISPOSITION.

**15. YOU ARE ADVISED TO REVIEW AND ADHERE TO THE FOLLOWING REGULATION(S) NEEDED TO ADEQUATELY PERFORM THE DUTIES TO WHICH YOU HAVE BEEN ASSIGNED:**

Attend HAZ 12 & HAZ 15 training or Unit Dangerous Goods Advisor training. AR 200-1, Chapter 10, 10-1.(6)(d); AER 200-1, Chapter 6-4(10) Hazardous Waste manifests shall only be signed by appropriately trained individuals formally appointed in writing by the Garrison Commander.

**SECTION III - ACKNOWLEDGEMENT OF APPOINTMENT**

I acknowledge and accept the position and responsibilities defined above. I understand that I am strictly liable to the United States for all public funds under my control. I have been counseled on my pecuniary liability and have been given written operating instructions. I certify that my official signature is shown in block 17 below.

16. PRINTED NAME (First, Middle Initial, Last)	17. SIGNATURE
--	---------------

**SECTION IV - TERMINATION OF APPOINTMENT**

The appointment of the individual named above is hereby revoked.		18. DATE (YYYYMMDD)	19. APPOINTEE INITIALS
20. NAME OF APPOINTING AUTHORITY	21. TITLE	22. SIGNATURE	

**INSTRUCTIONS FOR COMPLETING  
APPOINTMENT/TERMINATION RECORD - AUTHORIZED SIGNATURE**

This form may be used to:

1. Appoint agents of disbursing officers, e.g., deputy disbursing officers, disbursing agents, paying agents, cashiers, change fund custodians, and collection agents.
2. Appoint certifying officers. Certifying officers are those individuals, military or civilian, designated to attest to the correctness of statements, facts, accounts, and amounts appearing on a voucher for payment.
3. Appoint accountable officials. Accountable officials are those individuals, military or civilian, who are designated in writing and are not otherwise accountable under applicable law, who provide source information, data or service to a certifying or disbursing officer in support of the payment process.
4. Appoint other individuals for which an appointing authority considers this form appropriate; see item 13.

**SECTION I.**

1. Enter the name of the commander/appointing authority.
2. Enter the commander/appointing authority's title.
3. Enter the commander/appointing authority's DoD component/organization location.
4. Enter the date the form is completed.
5. The commander/appointing authority must place his or her legal signature in the block provided.

**SECTION II.**

6. Enter the appointee's name.
7. Enter the appointee's social security number. The full social security number is required for pecuniary liability determination purposes.
8. Enter the appointee's title.
9. - 11. Enter the name, complete address, and telephone number of the DoD component/organization activity to which appointed.
12. Enter the date the appointment is to be effective.
13. Mark X in the appropriate box indicating the purpose for the appointment. For "other", specify the type of appointment.
14. The appointing authority should identify the types of payments affected, but need only be specific as he or she considers necessary. Include any other pertinent information (e.g., system involved).
15. List all regulations the appointee must review and follow in order to adequately fulfill the requirements of the appointment.

**SECTION III.**

16. - 17. The appointee prints his or her name and enters his or her legal signature in the spaces provided.

**SECTION IV.**

Completing this section terminates the original appointment as of the effective date. If partial authority is to be retained, complete a new DD Form 577.

18. Enter the date the termination is effective.
19. The appointee will initial in the space provided acknowledging revocation of the appointment.
20. - 22. The appointing authority must place his or her name, title and legal signature in the spaces provided.



DEPARTMENT OF THE ARMY  
UNITED STATES ARMY GARRISON BAUMHOLDER  
UNIT 23746  
APO AE 09034-0003

REPLY TO  
ATTENTION OF

IMEU-BMH-ZA

2 May 2011

MEMORANDUM FOR RECORD

SUBJECT: Military Representatives Appointed for Signing Hazardous Waste Shipping Documents

1. References:

- a. Memorandum: DLA Dispositions Services Europe and Africa; Subject: Termination of Memorandum of Understanding, Jul 2010.
  - b. AER 200-1 Section 6-4 (10), Oct 2007.
2. Termination of DLA Disposition Services Europe and Africa (Reference 1) has caused the designation of military representatives (MILREP) to sign hazardous waste shipping documents on behalf of the Garrison Commander, who is ultimately responsible.
3. Designated MILREPs shall be allotted sufficient time and expense to attend required training {HAZ12 & 15 (104 hrs) or Unit Dangerous Goods Advisor Course (40 hrs)} to be qualified for performing this additional duty.
4. Appointed MILREPs shall not be personally held liable, unless proven negligent, for environmental claims, fines, penalties or disciplinary actions (e.g. reduction in rank) for signing hazardous waste shipping documents based on the good faith of actions by others.
5. MILREP shall notify Command and Environmental Office three months prior to rotation/departure so an alternate can be selected, trained and signature card application processed.
6. IMCOM-Europe POC for this memo is William Kavanagh, [william.kavanagh@eur.army.mil](mailto:william.kavanagh@eur.army.mil) (DSN: 370-6393)

SAM R. McADOO  
LTC, SC  
Commanding



REPLY TO  
ATTENTION OF:

**DEPARTMENT OF THE ARMY**  
United States Army Garrison Baumholder  
Unit 23746  
APO AE 09034

IMBM-XXX-XX

MEMORANDUM FOR USAG Baumholder, DPW, Environmental Division, Unit 23746,  
APO AE 09034-0016

SUBJECT: Environmental Officer (EO) Duty Appointment

1. Effective 23 April 2012, the below listed personnel are assigned additional duties as:

Environmental Officer (EO) for the (Unit), Baumholder, Building # XXXX.

Primary: (Rank) (Name), DSN: 485-XXXX, E-Mail: XXXXXXXX, DEROS:

Assistant: (Rank) (Name), DSN: 485-XXXX, E-Mail: XXXXXXXX, DEROS:

2. Authority:

a. OPORD 10-18, USAG Baumholder Environmental Officer Appointment.

b. AER 200-1, Army in Europe Environmental Quality Program.

3. Purpose: In order to comply with the Army in Europe Environmental Quality Program, units must assign EOs on orders. EOs are required if an organization handles hazardous materials or produces hazardous waste. Each appointed environmental officer must receive the initial on-site or web-based 40 hour training within 60 days of the appointment. Thereafter the EO shall receive the annual 8 hour refresher training. The EO is charged with the oversight of the environmental compliance requirements on behalf of their responsible commander, director or supervisor. The EO serves as a liaison between the unit and the DPW Environmental Division, serves as the single point of contact for all environmental matters, and will distribute information and knowledge to all personnel within the unit or Directorate concerning environmental issues. The EO has authority to direct other personnel in regards to environmental compliance.

4. Period: Until officially relieved or released from appointment.

5. The point of contact for this memorandum is (Rank, Name) at DSN 485-XXXX.

(Name)  
Commanding

Hazardous Waste Accumulation Point Checklist																																		
For use of this form see the Hazardous Waste Management Plan, proponent is the BMH DPW																																		
Unit:		Building #:		Date (YYYY/MM):																														
Inspector Name:		Tel. No.:		W	M	Q Y																												
Key: C=Compliance N=Noncompliance N/A= Not Applicable																																		
1st 2d 3rd 4th 5th																																		
<b>STORAGE/DISPOSAL</b>																																		
1	Is spill & emergency equipment available where HM/HW is stored or handled? (para. 7.1)																																	
2	HW is stored in HWAP and disposed off separately from non-HW (para. 16.2.2.14)																																	
3	Are empty packages (drums, buckets, bottles...) previously holding a HM considered as HW? (chapter 11.51 HWMP)																																	
4	Are batteries of all different kind handled as HW? (Appendix D)																																	
5	Removals/disposal of HW occurs as follows:																																	
Daily shop or work area generations are moved to the HWAP by close of business day? (para 16.1.1)																																		
Full containers from the HWAP are moved to the HWSA within 5 working days of being filled? (16.2.2.13)																																		
6	Incompatible HW is not mixed (e.g. flammables and corrosives) (para. 16.2.2.6)																																	
7	HW is stored in a safe manner (e.g. on secondary containment) (para. 16.2.1.)																																	
8	Are Health and Safety signs posted and are they appropriate for the HW stored? (para. 16.1.4.)																																	
9	If storing flammables, are No Smoking signs/symbols posted? (para. 16.2.2.4.)																																	
10	Is the leaflet "Instructions for the Use and Safe Handling of Water Endangering Substances" (Betriebs- und Verhaltensvorschriften beim Umgang mit wassergefährdenden Stoffen) displayed? (para. 16.2.2.5.)																																	
11	Compressed gas cylinders are positioned upright, whether full or empty, and secured to prevent falling? (para. 16.3.)																																	
12	Are safety caps screwed on every compressed gas cylinder when not in use? (para. 16.3.2.)																																	
<b>Containers (chapter 7 HWMP)</b>																																		
13	Are containers labeled with the Garrison/contractor HW label? (para. 15.5.)																																	
14	Are containers stored and handled in a way that prevents rupturing and leaking? (para. 15.2.)																																	
15	Are containers not damaged or leaking? (para. 15.2.1.)																																	
16	Are containers closed when not adding or removing waste? (para. 15.2.3.)																																	
17	Are containers used to store HW suitable for storing HW? (para. 15.2.2.)																																	
<b>ADMINISTRATION</b>																																		
18	Have Environmental Officer been appointed IAW OPORD 10-18? (para. 12.1.1.)																																	
19	Are operating instructions (Betriebsanweisungen) workplace-specific instructions that provide information on handling hazardous substances as well as information on the risk for human health and the environment associated with hazardous substances handled at each specific workplace posted in German and English? (para. 20.15.)																																	
20	Is DRMS Form 1930 (HWPS) submitted annually to USAG HWSF? (para 12.3.6.)																																	
21	Are unit/activity internal standard operating procedures in place? (para. 12.3.8.)																																	
<b>TRAINING</b>																																		
22	Have the EOs, supervisors and personnel who are assigned duties that involve actual or potential exposure to HM or HW received training (incl. annual verbal instructions) under the HAZCOM Program? (para. 12.3.7.)																																	
23	All training is current within the last 12 months (refresher)? (chapter 18.)																																	
<b>RECORDS MANAGEMENT</b>																																		
24	The following on file for the given retention period: (chapter 12 HWMP)																																	
<table border="1"> <tr> <td>Appointment Orders</td> <td>3 yrs after termination of employment</td> </tr> <tr> <td>Training records</td> <td>3 yrs after termination of employment</td> </tr> <tr> <td>Inspection records (internal and external)</td> <td>3 yrs or until next equivalent inspection</td> </tr> <tr> <td>Turn-in documents (i.e. 1348-1a, turn-in log)</td> <td>3 yrs</td> </tr> <tr> <td>HWPS submitted to the HWSA or DRMO</td> <td>As long as respective hazardous waste stream is generated and disposed. Retain in active file for 1 yr, but NLT 3 yrs after submission. NOTE: See record retention requirement for hazardous waste laboratory analysis below.</td> </tr> <tr> <td>Spill/Incident Reports (no injuries to personnel). Report to USAG Environmental Division</td> <td>Keep in active file until NLN to meet regulatory requirements or for conducting business, but NLT 6 years there after.</td> </tr> <tr> <td>Spill/Incident Reports (exposure to personnel). Report to USAG Environmental Division</td> <td>T50. Keep in CFA until NLN for conducting business, then retire to RHA/AEA, who will destroy when the record is 50 years old</td> </tr> <tr> <td>Hazardous waste laboratory analysis</td> <td>3 yrs after closure of HWAP or HWSA</td> </tr> <tr> <td>Disposal proof documentation</td> <td>Timeframe as annotated on permit plus additional 3 yrs from date last used for a disposal (manifests)</td> </tr> <tr> <td>Disposal manifests</td> <td>3 yrs</td> </tr> <tr> <td>Shop/Service internal and external HW related publications, i.e. policies, procedures, instructions, etc.</td> <td>As long as HW is generated. Retain old releases as long as needed, but NLT 6 yrs.</td> </tr> <tr> <td>Alarmparts</td> <td>As long as HW is generated. Ensure newest version is posted.</td> </tr> <tr> <td>Hazardous Waste Management Plan</td> <td>As long as HW is generated. Ensure newest version is on file.</td> </tr> <tr> <td>Spill Prevention and Response Plan</td> <td>As long as HW is generated. Ensure newest version is on file.</td> </tr> </table>							Appointment Orders	3 yrs after termination of employment	Training records	3 yrs after termination of employment	Inspection records (internal and external)	3 yrs or until next equivalent inspection	Turn-in documents (i.e. 1348-1a, turn-in log)	3 yrs	HWPS submitted to the HWSA or DRMO	As long as respective hazardous waste stream is generated and disposed. Retain in active file for 1 yr, but NLT 3 yrs after submission. NOTE: See record retention requirement for hazardous waste laboratory analysis below.	Spill/Incident Reports (no injuries to personnel). Report to USAG Environmental Division	Keep in active file until NLN to meet regulatory requirements or for conducting business, but NLT 6 years there after.	Spill/Incident Reports (exposure to personnel). Report to USAG Environmental Division	T50. Keep in CFA until NLN for conducting business, then retire to RHA/AEA, who will destroy when the record is 50 years old	Hazardous waste laboratory analysis	3 yrs after closure of HWAP or HWSA	Disposal proof documentation	Timeframe as annotated on permit plus additional 3 yrs from date last used for a disposal (manifests)	Disposal manifests	3 yrs	Shop/Service internal and external HW related publications, i.e. policies, procedures, instructions, etc.	As long as HW is generated. Retain old releases as long as needed, but NLT 6 yrs.	Alarmparts	As long as HW is generated. Ensure newest version is posted.	Hazardous Waste Management Plan	As long as HW is generated. Ensure newest version is on file.	Spill Prevention and Response Plan	As long as HW is generated. Ensure newest version is on file.
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# Daily Self Inspection Results for Bldg. 8468, HWSF

Date	SubGrp	Question	Comments/Remarks	Y/N/N/A
03-Jan-11	Area	Are eyewash stations tested daily?		Y
	Area	Is an internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to HWSA personnel?		Y
	Area/Tanks	Is data from monitoring and leak detection equipment gathered daily to include tanks?		Y
	Area/Tanks	Is the safety equipment in proper operating condition?		Y
	Containers	Are hazardous wastes stored in a way that prevents rupturing and leaking?		Y
	Containers	Is/are the container(s) storing pesticides locked at all times and key placed in key control box?		Y
	Containers/Tanks	Are any portions of containers and/or tanks damaged (i.e. bulges, dents, rust, cracks)?		N
	Containers/Tanks	Are any portions of containers or tanks leaking (check leak detection fluid)?		N
	Containers/Tanks	Are container/tank lids closed unless filling or emptying container?		Y
	Containers/Tanks	Are secondary containment systems physically located with corresponding containers?		Y
	Containers/Tanks	If materials with potential unknown hazardous properties are handled in contained areas, are these areas inspected regularly for possible releases and penetration through the floor and walls?		Y
	Tanks	Are the AST's inspected and the inspection recorded at least once each operating day?		Y
04-Jan-11	Area	Are eyewash stations tested daily?		Y
	Area	Is an internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to HWSA personnel?		Y
	Area/Tanks	Is data from monitoring and leak detection equipment gathered daily to include tanks?		Y
	Area/Tanks	Is the safety equipment in proper operating condition?		Y
	Containers	Are hazardous wastes stored in a way that prevents rupturing and leaking?		Y
	Containers	Is/are the container(s) storing pesticides locked at all times and key placed in key control box?		Y
	Containers/Tanks	Are any portions of containers and/or tanks damaged (i.e. bulges, dents, rust, cracks)?		N
	Containers/Tanks	Are any portions of containers or tanks leaking (check leak detection fluid)?		N
	Containers/Tanks	Are container/tank lids closed unless filling or emptying container?		Y
	Containers/Tanks	Are secondary containment systems physically located with corresponding containers?		Y
	Containers/Tanks	If materials with potential unknown hazardous properties are handled in contained areas, are these areas inspected regularly for possible releases and penetration through the floor and walls?		Y
	Tanks	Are the AST's inspected and the inspection recorded at least once each operating day?		Y
05-Jan-11	Area	Are eyewash stations tested daily?		Y
	Area	Is an internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to HWSA personnel?		Y
	Area/Tanks	Is data from monitoring and leak detection equipment gathered daily to include tanks?		Y

# Weekly Self Inspection Results for Bldg. 8468, HWSF

SubjGrp	Question Comments/Remarks	Inspector:	Birgit Sheetz	Y/N/N/A
07-Jan-11				
Area	Aisles wide enough (one meter if no special equipment, 3 meters if handling equipment)	Y		
Tanks	Are all tank specifications (i.e. capacity, construction type, contents) clearly indicated on each tank system?	Y		
Containers/Tanks	Are containers appropriately labeled, EWC, hazard symbols, R&S phrases, generator information and labels legible?	Y		
Containers/Tanks	Are containers for flammable liquids grounded during transfer from one container to another?	Y		
Containers/Tanks	Are containers UN approved, TUEVed, and valid to be used for storage and transportation?	Y		
Area	Are eyewash bottles filled with fresh water?	Y		
Containers/Tanks	Are only compatible wastes stored together (including segregated secondary containment)?	Y		
Area	Are operating instruction (Betriebsanweisungen) maintained and filed?	Y		
Area/Tanks	Are the areas immediately surrounding the externally accessible portion of the tank system, including the secondary containment system, in good condition, including nearby vegetation, and no evidence of any leaks?	Y		
Area	Hazardous Waste Log: maintained?	Y		
Area, Container, and/or Tanks	Is secondary containment of sufficient volume (100% or 10% of total volume if multiple containers)?	Y		
Area	Is sufficient spill cleanup material on hand?	Y		
Area/Tanks	Is the area secured from unauthorized entry/transfer?	Y		
Tanks	Is the secondary containment dry?	Y		
Area	Is there access to a communication or alarm system?	Y		
Containers/Tanks	Is(are) POL tank(s) surrounded by secondary containment systems?	Y		
Area	No sources of ignition in the HWSA	Y		
Area, Container, and/or Tanks	Rainwater in secondary containment inspected (visually and smell) prior to release?	N/A		

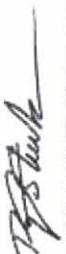
# Monthly Self Inspection Results for Dldg. 8468, HWSF

SubGrp	Question	Comments/Remarks	V/N/N/A	Inspector:
31-Jan-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	Ingo Eichmann
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
28-Feb-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	Ingo Eichmann
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
31-Mar-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	Ingo Eichmann
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
29-Apr-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	Ingo Eichmann
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
31-May-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	Birgit Sheetz
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
30-Jun-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
29-Jul-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	Ingo Eichmann
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
31-Aug-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	
30-Sep-11	Area	Are emergency numbers posted (Notfall_Alarmplan)?	Y	Ingo Eichmann
	Area	Are the signs posted visible from 25 feet (15 meters) and from any side of the area?	Y	
	Area	Is sufficient PPE (gloves, shoes, coveralls, goggles) available and in good condition?	Y	

# Annual Self Inspection Results for Bldg. 8468, HWSF

30-Dec-11

SubjGrp	Question	Comments/Remarks	Y/N/N/A	Inspector:
Area	Are all HWPS updated to DRMO?		Y	Birgit Sheetz
Area	Are fire extinguishers available and tested every two years?		Y	
Area	Are HWPS provided by generators prior to, or at least during turn-in?		Y	
Area	Are signs posted to include Mandatory Signs (Gebotszeichen), Hazard Symbols (Warnzeichen), and "No Smoking" in international language?		Y	
Area	Does a closure plan exist?		Y	
Area	If not ordinary or conventional facility: construction approval or test of suitability obtained?		Y	
Area	Is manifesting documentation maintained for a minimum of three (3) years?		Y	
Area	Is notification (Anzeigepflicht) to HN authorities required and completed?		Y	
Area	Is personnel trained appropriately (initial or annual refresher)?		Y	
Area	Waste not stored for more than one year?		Y	
Tanks	Is each tank system used for storage of flammable liquids operated in accordance with state of the art technology?		Y	
Tanks	Is the fill level visible for each tank and tank container from its' exterior?		N/A	

1	2	3	4	5	6	7	2	2	2	2	2	2	2	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	1. TOTAL PRICE	2. SHIP FROM	3. SHIP TO	
OD CEN	FROM M	TO S	UNITS	QUANTITY			SUPPLY	PROJECT	R	EED A	R	EED D	TRAN	DOLLARS	DOLLARS	W81WDW	BAUMHOLDER	KAISERSLAUTERN	
CD CEN	FROM M	TO S					UN	UN	R	EED A	R	EED D	UN	C 15		DPW	DRMO		
CD CEN	FROM M	TO S					UN	UN	R	EED A	R	EED D	UN			UNIT #23206	UNIT #23206		
CD CEN	FROM M	TO S					UN	UN	R	EED A	R	EED D	UN			APO AE 09206	APO AE 09206		
CD CEN	FROM M	TO S					UN	UN	R	EED A	R	EED D	UN			HW	HW		
																8. TYPE CARGO	9. PS		
																7. FRT RATE			
																10. QTY REC'D	11. P	12. UNIT WEIGHT	
																	13. UNIT CUBE	14. UIC	15. SL
																16. FREIGHT CLASSIFICATION NUMBER			
																17. ITEM NUMBER			
																0, Not considered hazardous cargo.,, ADR			
W81WDW03330007																POC: INGO EICHMANN			
																TEL: 06783-66858			
																FAX: 06783-67026			
																Inst: Smith Barracks			
																ARLOC: GE79D			
																Bldg: 8468			
CONTRACT SP4420-07-D-0003																FIRE EXTINGUISHING RESIDUES, LIQUID OR SOLID			
																Funding Equation			
																500 KG X € 1.22 = € 610.00			
																21. TO TAC CBE			
																20. TOTAL WEIGHT			
																22. RECEIVED BY			
																23. DATE RECEIVED			
EWC: 16 05 07*																BLDG			
CLIN N2470																CONT			
BILL TO DODDAC: WK4V1D																SIZE			
HWPS: W81WDW041																QTY			
																N/A			
																1			
Certification: I certify that subject materials																			
is packed, marked, prepared and																			
documented IAW Final Governing																			
Standards for Germany (2004), and current																			
German (European) ADR hazardous																			
material transportation regulations.																			
SIGNATURE: 																			

## Hazardous Waste Profile Sheet

Note: Explosives, Shock Sensitive, Pyrophoric, Radioactive, and Etiological Waste are not normally accepted by the DRMO  
 Contact your DRMO for further guidance if your waste meets any of these categories.

### PART I

<b>A. GENERAL INFORMATION</b>		<b>WASTE PROFILE NO.</b>	
1. GENERATOR NAME	[REDACTED]		0 0001
2. FACILITY ADDRESS	Building: [REDACTED] Unit # 23746 USAG Baumholder		4. GENERATOR USEPA ID
3. ZIP CODE	APO AE 09034		5. GENERATOR STATE ID
6. TECHNICAL CONTACT	7. TITLE	8. PHONE	
<b>B. WASTE INFORMATION</b>			
1. NAME OF WASTE			
2A. USEPA/ or /STATE WASTE CODE NONE			
2B. STATE/LOCAL/HOST-NATION WASTE CODES			
3. PROCESS GENERATING WASTE			
4. PROJECTED ANNUAL VOL		KG	5. MODE OF COLLECTION
6. IS THIS WASTE A DIOXIN LISTED WASTE AS DEFINED IN 40 CFR 261.31? <input type="checkbox"/> YES <input type="checkbox"/> NO			
7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL? (40 CFR 268) HAS AN EXEMPTION BEEN GRANTED? <input type="checkbox"/> YES <input type="checkbox"/> NO DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS ALREADY? If Yes, Enter Reference Standards in Part 2, Block 6) <input type="checkbox"/> YES <input type="checkbox"/> NO			

### PART II

<b>MATERIAL CHARACTERIZATION</b> (Optional - Not Required Data)					
COLOR	Green	DENSITY	BTU/LB		
TOTAL SOLIDS					
LAYERING	<input type="checkbox"/> MULTILAYERED	<input type="checkbox"/> BILAYERED	<input type="checkbox"/> SINGLE PHASE		
<b>2. RCRA CHARACTERISTICS</b>					
PHYSICAL STATE (Check One)		<input type="checkbox"/> SOLID	<input type="checkbox"/> LIQUID	<input type="checkbox"/> SEMI-SOLID	<input type="checkbox"/> GAS
OTHER CHARACTERISTICS (Check all that apply)					
<input type="checkbox"/> IGNITABLE	<input type="checkbox"/> CORROSIVE	<input type="checkbox"/> REACTIVE	<input type="checkbox"/> WATER REACTIVE	<input type="checkbox"/> CYANIDE REACTIVE	<input type="checkbox"/> SULFIDE REACTIVE
Flash Point _____	ph _____				
<input type="checkbox"/> HIGH TOC (≥10%)	<input type="checkbox"/> LOW TOC (<10%)	TREATMENT GROUP:		<input type="checkbox"/> WASTEWATER	<input type="checkbox"/> NON-WASTEWATER

### 3. CHEMICAL COMPOSITION (List all components and contaminants, including PCBs, and any applicable F-Listed and Underlying Hazardous Constituents)

CAS #	COMPONENT (Be as descriptive as possible. Chemical Names, as well as generic descriptions, e.g. 'sludge', 'paint solids', 'water' etc. are acceptable.)	CONCENTRATION	RANGE

**Hazardous Waste Profile Sheet (Continued)**

WASTE PROFILE NO.

0 0 0001

**J. MATERIAL COMPOSITION / UNDERLYING HAZARDOUS CONSTITUENTS**

CAS #	COMPONENT (Be as descriptive as possible. Chemical Names, as well as generic descriptions, e.g. 'sludge', 'paint solids', 'water' etc. are acceptable.)	CONCENTRATION	RANGE

**RANGE TOTAL MUST EQUAL AT LEAST 100%****4. SHIPPING INFORMATION**DOT HAZARDOUS MATERIAL?  YES  NO (If "NO" skip to block 5)

PROPER SHIPPING NAME

HAZARD CLASS | U.N or N.A. NO. | PACKING GROUP

ADDITIONAL DESCRIPTION

METHOD OF SHIPMENT  BULK  DRUM  OTHER

DOT REPORTABLE QTY (RQ)

EMERGENCY RESPONSE GUIDE EDITION (YR) | EMERGENCY RESPONSE NUMBER

**5. SPECIAL HANDLING INFORMATION****6. GENERATOR CERTIFICATION** CHEMICAL ANALYSIS (ATTACH TEST RESULTS)  USER KNOWLEDGE (ATTACH SUPPORTING DOCUMENTS)

Explain how and why these documents comply with RCRA requirements

**CERTIFICATION**

I, [REDACTED] HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED IN TO THE DRMO. ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

[REDACTED]  
Signature of Generator's Representative[REDACTED]  
Date

Use when turning into the HWSF – Generator must complete highlighted fields

**INSTRUCTIONS FOR DRMS FORM 1930**  
(Authority: DOD 4160.21-M, Chap. 10, par. D.2.a.(3))  
**PART I**

**A. GENERAL INFORMATION (Required)**

**WASTE PROFILE NUMBER**—A unique number assigned to this waste stream for future reference. The generator shall enter their **DODAAC** (entered by the generator). Remaining information will be entered by the HWSF.

1. **GENERATOR NAME**—Enter the name of the generating facility. (i.e. **1-84<sup>th</sup> FA, DPW Electrical Shop**, etc.).
2. **FACILITY ADDRESS**—Enter the **address** of generating facility listed in block A.1.
3. **ZIP CODE**—Enter the generating facility's five or nine-digit Zip Code for Baumholder APO AE **09034**.
4. **GENERATOR USEPA ID**—Standard is G02296906
5. **GENERATOR STATE ID**—Enter the descriptor issued by the Resident State to the facility identified in block A.1 to include the **Bldg. #** (i.e. 8888), **Unit #** (i.e. 23746), followed by USAG Baumholder
6. **TECHNICAL CONTACT**—Enter the name of the **responsible individual** to contact for more information about this waste.
7. **TITLE**—Enter the Technical Contact's official **title** (e.g., "HW-Manager", "Shop Chief", etc.).
8. **PHONE**—Enter the Technical Contact's **telephone number**

**B. WASTE INFORMATION (Required)**

1. **NAME OF WASTE**—In coordination with the Environmental Division, requires the name that is generally descriptive of this waste and the Contract Line Item Number.
- 2A. **USEPA WASTE CODE(S)**—Standard "NONE"
- 2B. **STATE/LOCAL/HOST NATION WASTE CODE(S)**—Entered by the Environmental Division.
3. **PROCESS GENERATING WASTE**—List the specific process/operation or source that generates this waste (e.g., vehicle maintenance, facility maintenance, etc.)
4. **PROJECTED ANNUAL GENERATIONS**—The quantity of waste projected for turn-in annually. (in gallons, kilograms, pounds, etc.)
5. **MODE OF COLLECTION**—Describe the method used to collect and store this waste stream. Information is provided by ED.
6. **DIOXIN WASTE?**—Leave Blank
7. **IS THIS WASTE RESTRICTED FROM LAND DISPOSAL?**—Standard is "YES"  
**HAS AN EXEMPTION BEEN GRANTED?**—Standard is "NO"  
**DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS ALREADY?** Standard is "NO"

**PART II**

**1. MATERIAL CHARACTERIZATION (Will be completed by ED)**

1. **COLOR**—Describe the color of the waste (e.g., blue, clear, varies, etc.)
2. **DENSITY**—Leave blank
3. **BTU/LB**—Leave Blank
4. **ASH CONTENT**—Leave Blank
5. **TOTAL SOLIDS**—Leave Blank
6. **LAYERING**—Check applicable box. Multi-layered means more than two layers (e.g., oil/water/solvent/sludge). Bi-layered means the waste is comprised of two layers which may or may not be the same phase (e.g., oil/water, solvent/sludge). Single phase means the waste is homogeneous. Will be completed by ED.

**2. RCRA CHARACTERISTICS (Not required)**

**3. CHEMICAL/MATERIAL COMPOSITION (Will be completed by ED)**

**4. SHIPPING INFORMATION – (Not Required)**

**5. SPECIAL HANDLING INFORMATION – (Not Required)**

**6. GENERATOR CERTIFICATION (Partially Required)**

**CHEMICAL ANALYSIS**—Will be completed by ED.

**USER KNOWLEDGE**—Will be completed by ED.

**CERTIFICATION**—Include the PRINTED NAME of the person providing the Certification Signature. **SIGNATURE**—An authorized representative of the generator must sign and date this certification on the completed Hazardous Waste Profile Sheet.

**DATE**—Date signed by Certifier\*.

\* A Hazardous Waste Profile Sheet (HWPS) may be used for subsequent turn-ins of the same waste stream, for a period of one year. If a turn-in date is more than a year past the Certification Date listed, the generator must either re-certify the HWPS, or provide a memo stating that no changes in the processes or generations have occurred. The memo is provided by the ED for signature upon request.

# Hazardous Waste Profile Sheet

Note: Explosives, Shock Sensitive, Pyrophoric, Radioactive, and Etiological Waste are not normally accepted by the DRMO  
 Contact your DRMO for further guidance if your waste meets any of these categories.

## PART I

A. GENERAL INFORMATION				WASTE PROFILE NO.
1. GENERATOR NAME	DPW, Hazardous Waste Storage Facility			W81WDW 8468 001
2. FACILITY ADDRESS	Building: 8468	3. ZIP CODE	APO AE 09034	4. GENERATOR USEPA ID
	Unit # 23746			5. GENERATOR STATE ID
	USAG Baumholder			G02296906
6. TECHNICAL CONTACT	Mrs. Sheetz	7. TITLE	Environmental Protection Assistant	8. PHONE 485-6858
B. WASTE INFORMATION				
1. NAME OF WASTE	Lithium Batteries, CLIN N0400			
2A. USEPA/ or /STATE WASTE CODE	NONE			
2B. STATE/LOCAL/HOST-NATION WASTE CODES	EWC 160605 or 200133*			
3. PROCESS GENERATING WASTE	Consolidation of USAG HW from HWAPs for bulk shipment			
4. PROJECTED ANNUAL VOL	500	KG	5. MODE OF COLLECTION	ASP
6. IS THIS WASTE A DIOXIN LISTED WASTE AS DEFINED IN 40 CFR 261.31?	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO
7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL? (40 CFR 268) HAS AN EXEMPTION BEEN GRANTED? DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS ALREADY? If Yes, Enter Reference Standards in Part 2, Block 6)	<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO
	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO
	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO

## PART II

MATERIAL CHARACTERIZATION (Optional - Not Required Data)						
COLOR	Green	DENSITY	BTU/LB			
TOTAL SOLIDS	ASH CONTENT					
LAYERING	<input checked="" type="checkbox"/> MULTILAYERED	<input type="checkbox"/> BILAYERED	<input type="checkbox"/> SINGLE PHASE			
2. RCRA CHARACTERISTICS						
PHYSICAL STATE (Check One)	<input type="checkbox"/> SOLID	<input type="checkbox"/> LIQUID	<input type="checkbox"/> SEMI-SOLID	<input type="checkbox"/> GAS		
OTHER CHARACTERISTICS (Check all that apply)	<input type="checkbox"/> IGNITABLE	<input type="checkbox"/> CORROSIVE	<input type="checkbox"/> REACTIVE	<input type="checkbox"/> WATER REACTIVE	<input type="checkbox"/> CYANIDE REACTIVE	<input type="checkbox"/> SULFIDE REACTIVE
Flash Point	0-30.2 F	ph				
<input type="checkbox"/> HIGH TOC (>10%)	<input type="checkbox"/> LOW TOC (<10%)	TREATMENT GROUP:	<input type="checkbox"/> WASTEWATER	<input type="checkbox"/> NON-WASTEWATER		

## 3. CHEMICAL COMPOSITION (List all components and contaminants, including PCBs, and any applicable F-Listed and Underlying Hazardous Constituents)

CAS #	COMPONENT	(Be as descriptive as possible. Chemical Names, as well as generic descriptions, e.g. 'sludge', 'paint solids', 'water' etc. are acceptable.)	CONCENTRATION	RANGE
	See Disposal Permit VSNSMT040009			

<b>Hazardous Waste Profile Sheet (Continued)</b>		<b>WASTE PROFILE NO.</b> W81WDW 8468 001	
3. MATERIAL COMPOSITION / UNDERLYING HAZARDOUS CONSTITUENTS			
CAS #	COMPONENT (Be as descriptive as possible. Chemical Names, as well as generic descriptions, e.g. 'sludge', 'paint solids', 'water' etc. are acceptable.)	CONCENTRATION	RANGE
<b>RANGE TOTAL MUST EQUAL AT LEAST 100%</b>			
4. SHIPPING INFORMATION			
DOT HAZARDOUS MATERIAL?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If "NO" skip to block 5)	
PROPER SHIPPING NAME			
Lithium Batteries			
HAZARD CLASS	9	U.N or N.A. NO.	
3090      PACKING GROUP II			
ADDITIONAL DESCRIPTION			
METHOD OF SHIPMENT <input type="checkbox"/> BULK <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			
DOT REPORTABLE QTY (RQ)			
EMERGENCY RESPONSE GUIDE EDITION (YR)		EMERGENCY RESPONSE NUMBER	
5. SPECIAL HANDLING INFORMATION			
Do not physically abuse, such as crushing, puncturing or burning. Do not overcharge due to electronics failure. Do not charge primary (non-rechargeable) batteries. Do not expose battery to inappropriate environment i.e. high temperature abuse (140°C) or water immersion of an unprotected or unsealed battery			
Do not short circuit or discharge at abnormally high rate			
Do not use incorrect batteries in an end item			
6. GENERATOR CERTIFICATION			
<input type="checkbox"/> CHEMICAL ANALYSIS (ATTACH TEST RESULTS)		<input checked="" type="checkbox"/> USER KNOWLEDGE (ATTACH SUPPORTING DOCUMENTS)	
Explain how and why these documents comply with RCRA requirements			
Host Nation (HN) disposal permits are, as HWPS, non other than an identification of specific hazardous wastes. For all wastes generated and removed under the contract, via DRMO, disposal permits were established, usually valid for 5 years, based on either test results or other supporting documentation, which never included Generator HWPS to start with. Therefore disposal permits in turn provide ample information to be used as supporting documentation for HWPS.			
CERTIFICATION			
I, <u>Birgit Sheetz</u>	HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED IN TO THE DRMO. ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.		
<i>Signature of Generator's Representative</i>		27-Jan-12	
		Date	

DEPARTMENT OF THE ARMY  
UNITED STATES ARMY GARRISON BAUMHOLDER  
UNIT # 23746  
APO AE 09034

IMEU-BMH-PWE

27 January 2012

MEMORANDUM FOR DRMO, Kaiserslautern, Unit# 23206, ATTN: Environmental Branch,  
APO AE 09263

SUBJECT: Hazardous Waste Profile Sheets (HWPS)

1. Reference DoD 4160.21-M, Subject: Defense Material Disposition Manual, dated August 1997 and changes to Chapters 3 and 10, dated 28 May 2004.
2. Reference subject above, the undersigned certifies that the hazardous waste profiles (58 each) at Attachment 1 have been revised using the new form design DRMS FORM 1930, Oct 2006 (EF). Any changes to the processes generating these wastes, new regulations affecting hazardous waste identification and disposal and the host nation or IMDG shipping description have been applied for overseas.
3. POC for this action is Mrs. Sheetz or Mr. Eichmann, at 485-6858.

Atch  
as

X

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Dominic Mutinda  
Chief/DPW Environmental Division

Env Div to DRMO		List of Hazardous Waste Profile Sheets (only those HWPS with an issue and expiration date are applicable)	Date	
File Number	Hazardous Waste		Issued	Expires
W81WDW 8468 001	Lithium Batteries, CLIN N0400		21-Mar-11	20-Mar-12
W81WDW 8468 002	Magnesium Batteries, CLIN N0410		21-Mar-11	20-Mar-12
W81WDW 8468 003	NICAD (rechargeable) Batteries, CLIN N0420		21-Mar-11	20-Mar-12
W81WDW 8468 004	Mercury Batteries, CLIN N0430		21-Mar-11	20-Mar-12
W81WDW 8468 005	Drycell Batteries (AA, AAA, C, D, and 9 Volt etc.) CLIN N0440		21-Mar-11	20-Mar-12
W81WDW 8468 006	Lead Acid Batteries, CLIN N0470		21-Mar-11	20-Mar-12
W81WDW 8468 007	Compressed Gas Cylinders, Acetylene, CLIN N0600		21-Mar-11	20-Mar-12
W81WDW 8468 008	Compressed Gas Cylinders, Argon, CLIN N0600		21-Mar-11	20-Mar-12
W81WDW 8468 009	Compressed Gas Cylinders, Halon, CLIN N0600		21-Mar-11	20-Mar-12
W81WDW 8468 010	Compressed Gas Cylinders, Helium, CLIN N0600		21-Mar-11	20-Mar-12
W81WDW 8468 011	Compressed Gas Cylinders, Hydrogen, CLIN N0600		21-Mar-11	20-Mar-12
W81WDW 8468 012	Compressed Gas Cylinders, Oxygen, CLIN N0600		21-Mar-11	20-Mar-12
W81WDW 8468 013	Compressed Gas Cylinders, Propane, CLIN N0600		21-Mar-11	20-Mar-12
W81WDW 8468 014	Bases and Mixture of Bases, CLIN N1400		21-Mar-11	20-Mar-12
W81WDW 8468 015	Decontaminating Solution (DS2), CLIN N1420		21-Mar-11	20-Mar-12
W81WDW 8468 016	Chlorine Containing Compounds, Liquids (i.e. bleach), CLIN N1500		21-Mar-11	20-Mar-12
W81WDW 8468 017	Chlorine Cont. Comp., Solids-STB, Calcium Hypochlorite, Lime, etc CLIN N1510		21-Mar-11	20-Mar-12
W81WDW 8468 018	Alcohol - Methanol, Isopropyl, and Ethanol, CLIN N1600		21-Mar-11	20-Mar-12
W81WDW 8468 019	Non-Halogenated Solvents, CLIN N1610		21-Mar-11	20-Mar-12
W81WDW 8468 020	Printing Products toners and inks liquid and solid, CLIN N1700		21-Mar-11	20-Mar-12
W81WDW 8468 021	Spent developers and fixers, CLIN N1710		21-Mar-11	20-Mar-12
W81WDW 8468 022	Solids Containing Heavy Metal (i.e. NBC filters, shooting range matting, etc.), CLIN N1800		21-Mar-11	20-Mar-12
W81WDW 8468 023	Mercury and Mercury Containing Items, CLIN N1820		21-Mar-11	20-Mar-12
W81WDW 8468 024	Paints Free of Halogens, CLIN N1900		21-Mar-11	20-Mar-12
W81WDW 8468 025	Paint Related materials (brushes, rollers, roller pans, etc.) CLIN N1930		21-Mar-11	20-Mar-12
W81WDW 8468 026	Putties, Fillers, and Caulking, Halog. and Non-Halogenated, CLIN N1940		21-Mar-11	20-Mar-12
W81WDW 8468 027	Glues, Adhesives, and Resins, Hal. and Non-Halogenated, CLIN N1950		21-Mar-11	20-Mar-12
W81WDW 8468 028	Pesticides, Herbicides, Fungicides, Insecticides Liquids, CLIN N2000		21-Mar-11	20-Mar-12
W81WDW 8468 029	Pesticides, Herbicides, Fungicides, Insecticides Solids, CLIN N2010		21-Mar-11	20-Mar-12
W81WDW 8468 030	Pesticides, Herbicides, Fungicides, Insecticides Aerosol, CLIN N2020		21-Mar-11	20-Mar-12
W81WDW 8468 031	Waste Oils, petroleum and synthetics contaminated, CLIN N2105		21-Mar-11	20-Mar-12
W81WDW 8468 032	Waste Fuels, i.e. gasoline, diesel, kerosene, etc. CLIN N2170		21-Mar-11	20-Mar-12
W81WDW 8468 033	Spent Automotive Grease, CLIN N2180		21-Mar-11	20-Mar-12
W81WDW 8468 034	POL Contaminated Solids (drysweep, rags, small parts), CLIN N2190		21-Mar-11	20-Mar-12
W81WDW 8468 035	Used Oil and Fuel Filters, CLIN N2210		21-Mar-11	20-Mar-12
W81WDW 8468 036	Tar, Bitumin, Asphalt; CLIN N2410		21-Mar-11	20-Mar-12
W81WDW 8468 037	Aerosol Cans w/harmful residuals (does not incl. pesticides and foams), CLIN N2420		21-Mar-11	20-Mar-12
W81WDW 8468 038	Aerosol Cans With Foam Residuals, CLIN 2430		21-Mar-11	20-Mar-12
W81WDW 8468 039	Asbestos or artificial mineral fiber bearing items, brake shoes, safes, etc. CLIN N2440		21-Mar-11	20-Mar-12
W81WDW 8468 040	Wood, treated with paint, creosote, pesticides, PCPs, CLIN N2460		21-Mar-11	20-Mar-12
W81WDW 8468 041	Spent Fire Extinguishing Powder, CLIN N2470		21-Mar-11	20-Mar-12
W81WDW 8468 042	Medicine Uncontrolled, CLIN N2530		21-Mar-11	20-Mar-12
W81WDW 8468 043	Fluorescent Light Tubes and Sodium Vapor Lamps, CLIN N2540		21-Mar-11	20-Mar-12
W81WDW 8468 044	Detergents and Soaps Liquid or Solid, CLIN N2550		21-Mar-11	20-Mar-12
W81WDW 8468 045	Cleaning Compounds Liquid and Solid, CLIN N2560		21-Mar-11	20-Mar-12
W81WDW 8468 046	Spent Antifreeze & Anti-Icing (Ethylene or Propylene Glycol), CLIN N2570		21-Mar-11	20-Mar-12

Env Div to DRMO		List of Hazardous Waste Profile Sheets (only those HWPS with an issue and expiration date are applicable)	Date	
File Number	Hazardous Waste		Issued	Expires
W81WDW 8468 047	Empty Metal Cans <50 cm w/harmful residuals, CLIN N2600		21-Mar-11	20-Mar-12
W81WDW 8468 048	Empty Metal Drums >50 cm w/harmful residuals, CLIN N2600		21-Mar-11	20-Mar-12
W81WDW 8468 049	Empty Plastic Cans <50 cm w/harmful residuals, CLIN N2620		21-Mar-11	20-Mar-12
W81WDW 8468 050	Empty Plastic Drums >50 cm w/harmful residuals, CLIN N2630		21-Mar-11	20-Mar-12
W81WDW 8468 051	Defense Equipment Kits, CLIN N2650		21-Mar-11	20-Mar-12
W81WDW 8468 052	Contaminated Construction Debris, CLIN N3520		21-Mar-11	20-Mar-12
W81WDW 8468 053	Lab Packs, CLIN N6910		21-Mar-11	20-Mar-12
W81WDW 8468 054	Refrigs/Freezers/AirCondit./IceMachines, 200x100x100cm, CLIN N8010		21-Mar-11	20-Mar-12
W81WDW 8468 055	Refrigs/Freezers/ServingLine/IceMachines, >200cm, CLIN N8020		21-Mar-11	20-Mar-12
W81WDW 8468 056	Inorganic Acids (battery acid), CLIN 1300		21-Mar-11	20-Mar-12
W81WDW 8468 057	Cartidges, Engine Starter - Diesel and Propane, CLIN N0610		21-Mar-11	20-Mar-12
W81WDW 8468 058	EasyDECON, CLIN N2525		21-Mar-11	20-Mar-12

## Environmental Training Log

1. Trainer:	2. Date From - To:				
3. Location:					
4. Type of Training:		Web Based	Classroom		
a. Initial 40 hr Environmental Officer (EO) Training					
b. Annual 8 hr refresher EO training					
c. Initial training for new personnel					
d. Annual verbal instructions					
e. Other:					
5. Contents of Training					
a. Sections/Subjects contained within:					
b. Equipment and components and/or,					
c. Recently developed procedures.					
d. Other (specify)					
6. Participant's Name	7. Unit/Activity Name	8. Title or Position	9. E-mail Address	10. Tel. Number	11. Participant's Signature

6. Participant's Name	7. Unit/Activity Name	8. Title or Position	9. E-mail Address	10. Tel. Number	11. Participant's Signature
<b>11. Trainer's Signature :</b>					

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# Company Level Environmental Awareness Training

*We Are The Army's Home*

*Building a Better Tomorrow... Today*

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Mrs. Birgit Sheetz/IMEU-BMH-PWE/DSN314-485-6858/birgit.sheetz@eur.army.mil

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## Legal and Other Requirements

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- OPORD 10-18: USAG Baumholder Environmental Officer Appointment
  - AER 200-1, Army in Europe Environmental Quality Program
  - AER 710-2, Supply Policy Below the Wholesale Level
  - AER 710-7, Army in Europe Hazardous Material Management Program
- AR 700-141, Hazardous Materials Information Resource System
- German Final Governing Standards (GFGS), Chapter 5, 6, and 18
- USAG Hazardous Waste Management Plan
- USAG Spill Prevention Cleanup and Countermeasure Plan

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## Definitions

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### *“Hazardous Material”*

Raw materials, commodities, or other manufactured products that exhibit at least one hazardous characteristic. Information is available from a Material Safety Data Sheet.

### *“Hazardous Wastes”*

Wastes listed in the USEUCOM Waste List and denoted by an asterisk (\*) added to the six-digit waste code (see <https://www.us.army.mil/suite/files/20917769>)

### *“Hazardous Waste Profile Sheet”*

A document that identifies and characterizes the waste by providing user's knowledge of the waste, and/or lab analysis, and details the physical, chemical, and other descriptive properties or processes that created the HW

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## Definitions

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### *“Generating Activity”*

The actual organization, unit, or shop within a DOD installation that produces the waste. The generating activity is typically the activity responsible for properly managing the waste and preparing internal HW documentation.

### *“Hazardous Waste Accumulation Point (HWAP)”*

A shop, site, or other work center where HW is accumulated until removed to a hazardous waste storage area (HWSA) or shipped for treatment or disposal. A HWAP may be used to accumulate ≤208 liters (55 gallons) of HW, or 1 liter (1 quart) of acute HW, from each waste stream. The HWAP must be at or near the point of generation and under the control of the operator, the HWAP manager.

### *“Hazardous Waste Storage Facility (HWSF)”*

One or more locations on a DOD installation where HW is collected before shipment for treatment or disposal. A HWSF may store greater amounts of HW for a longer duration, but not to exceed one (1) year.

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Mrs. Birgit Sheetz/IMEU-BMH-PWE/DSN314-485-6858/birgit.sheetz@eur.army.mil

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## Hazardous Materials

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## Inventory Maintenance

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- HM users maintain an inventory of HM in the storage locations
- Inventory must be updated annually at a minimum



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# Identification, Classification and Characteristics

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- Supplier mandated to provide MSDS to customer
- MSDS's are required by OSHA through the HAZCOM program – “Right to know”
  - Requires manufacturers to assess the physical and health hazards
  - Requires employers to provide information on the chemicals
- Must be accessible to personnel
- DoD uses HMIRS as a standard format for MSDS's

MSDS Safety Information			
FSC: 9130	NINN: 00-236- 8613	MSDS Date: 03/01/1991	MSDS Num: BPMQX
Submitter: D DG Product JET FUEL	ID: Article: N	Tech Review: 12/17/1992	Status CD: C MFN: 01 Kit N
Responsible Party Name: HUNT REFINING CO Address: 1855 FAIRLAWN RD City: TUSCALOOSA Country: US	Cage: 4L196	Box: 1850 Zip: 35403	State: AL
Info Phone Number: 205-391-3300/FAX 345-8769 Emergency Phone: 205-398-6675/800-424-9300(CHEMTRIC)	Radioactive Ind: N Preparer's Name: N/P Published: Y	Review Ind: Y Special Project CD: N	
Contractor Summary			
Cage: 4L196 Address: 1855 FAIRLAWN ROAD City:TUSCALOOSA Country:US	Name:HUNT REFINING CO. State:AL Phone:205-391-3300, CHEMTRIC 800-424-9300	Box:1850 Zip:35403	
Item Description Information			
Item Manager:	Item Name: TURBINE FUEL, AVIATION Specification Number: N/K Unit of Issue: GL UI Container Qty: X	Type/Grade/Class: NK Quantitative Expression: Type of Container: N/K	Environmental Wt: RTECS #: K15775000 Code: M Name: 2-METHOXYETHANOL (EGME) (SARA 11D)ETHYLENE GLYCOL METHYL ETHER % Test: 0.15 Other REC Limits: NONE RECOMMENDED OSHA STEL: Code: M ACGIH TLV: S, 5 PPM; 9293 Code: M Code: N/P EPA Rpt Qty: Code: M DOT Rpt
Ingredients			
Cas: 109-86-4 Name: 2-METHOXYETHANOL (EGME) (SARA 11D)ETHYLENE GLYCOL METHYL ETHER % Test: 0.15 OSHA PEL: S, 25 PPM ACGIH TLV: S, 5 PPM; 9293 EPA Rpt Qty:	Code: M Other REC Limits: NONE RECOMMENDED OSHA STEL: Code: M ACGIH TLV: S, 5 PPM; 9293 EPA Rpt Qty:	Code: M Other REC Limits: NONE RECOMMENDED OSHA STEL: Code: M ACGIH TLV: S, 5 PPM; 9293 EPA Rpt Qty:	RTECS #: K15775000 Code: M Name: 2-METHOXYETHANOL (EGME) (SARA 11D)ETHYLENE GLYCOL METHYL ETHER % Test: 0.15 Other REC Limits: NONE RECOMMENDED OSHA STEL: Code: M ACGIH TLV: S, 5 PPM; 9293 EPA Rpt Qty:

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## Types of Hazardous Materials and their Properties

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Below are some examples of HM used in the USAG

Hazardous Material	Hazardous Properties
Antifreeze	Irritant, Toxic
Batteries, Alkaline (Drycell)	Health Hazard
Batteries, Lithium	Flammable, Irritant, Toxic
Batteries, NICAD (rechargeable)	Corrosive, Combustible
Batteries, Mercury	Toxic
Batteries, Lead Acid	Corrosive
Calcium Hypochlorite	Corrosive, Oxidizer
Chlorine Gas	Toxic, Oxidizer, Compressed Gas
DS2 Decon Agent (EASY Decon)	Corrosive, Flammable
Gases compressed, Acetylene, Propane, Hydrogen, Diesel Engine Starters	Flammable
Gases compressed, Argon, Helium, Halon Fire Ext.	Non-Flammable, Health Hazard
Gases compressed, Oxygen	Oxidizer
JP8	Flammable, Carcinogenic
Spray Cans (Paint, Lubricants, Pesticides)	Flammable, Compressed Gas, Toxic

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## Types of Hazardous Materials and their Properties

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Hazardous Materials	Hazardous Properties
Drysweep	Health Hazard
Asbestos containing materials (brake liners)	Carcinogen (Health Hazard)
Engine/motor oil, hydraulic, and brake fluids	Flammable, Toxic
Automotive grease	Environmental Hazard
Latex and Oil Based Paints	Flammable, health and environmental hazard
Glues and adhesives	Flammable, Toxic
Detergents, Cleaners, Car and Floor Waxes	Flammable, Corrosive, Irritant
DS2 Decon Agent (EASY Decon)	Corrosive, Flammable
Household type medicines and beauty products	Toxic, flammable, Health hazards,
Toner and printing products	Health and Environmental Hazard
Fluorescent and Energy Saving bulbs	Carcinogenic, Environmental Hazard

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## Container Management

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- Sealed except during transfer of contents filling or emptying
- Stacking height restrictions
- Protected from inclement weather or temperatures
- Use prior to expiration of shelf life. Rotate stock "First In, First Out".
- Ensure labeling is legible
- HN products are labeled with Danger Symbols
- US products are labeled with DD Form 2521 or 22



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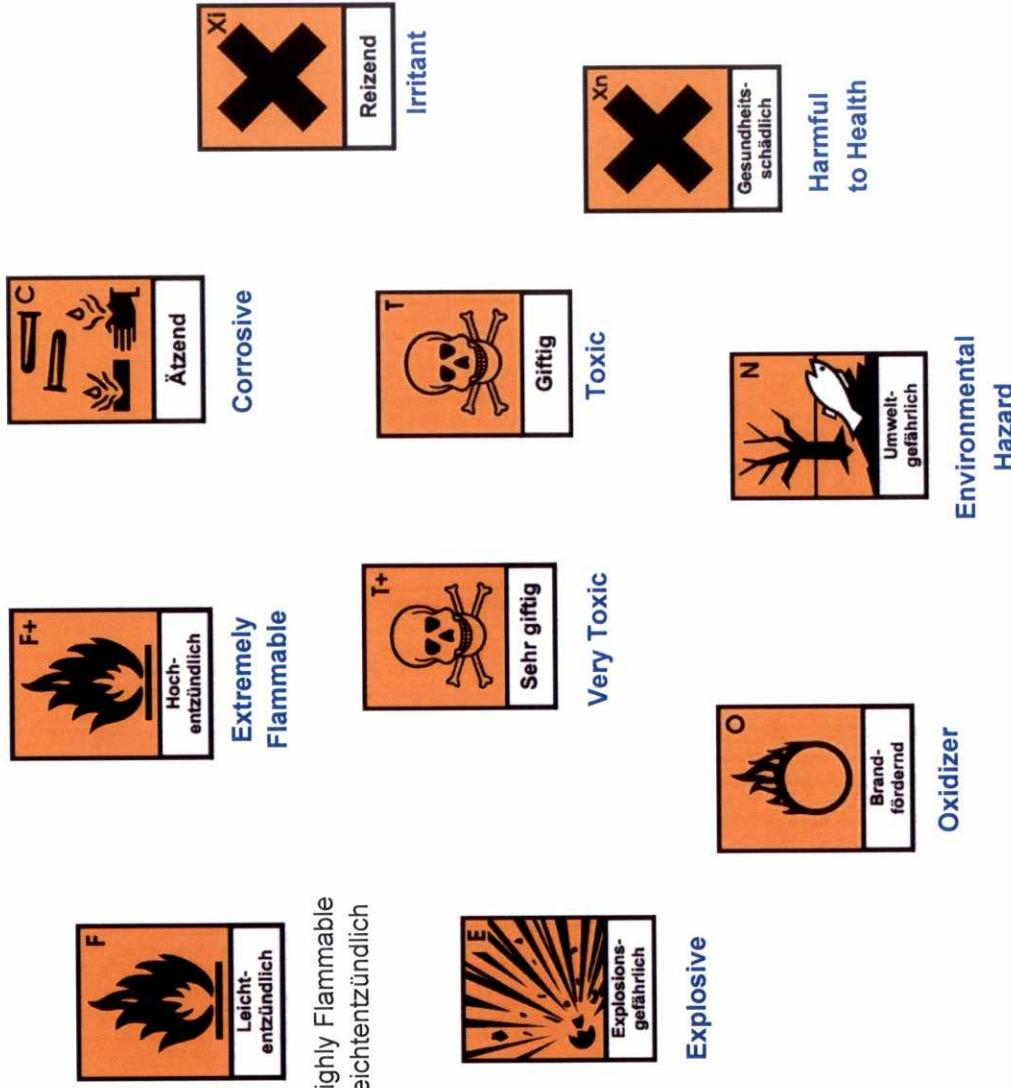
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# Labeling Requirements for HM

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HAZARDOUS CHEMICAL WARNING LABEL									
1. CHEMICAL COMMON NAME									
2. HAZARD CODE	3. MSN / LSN								
4. PART NUMBER									
5. ITEM NAME									
6. HAZARDS (if true apply)	(1) Acute (Inhalation)	None	SLIGHT	Moderate	Severe	(2) Chronic (Long-term)			
a. HEALTH	<input checked="" type="checkbox"/>								
b. CONTACT	<input checked="" type="checkbox"/>								
c. FIRE	<input checked="" type="checkbox"/>								
4. REACTIVITY	<input checked="" type="checkbox"/>								
7. SPECIFIC HAZARDS AND PRECAUTIONS (including Target Organ Effects)									
(See SDS for further information)									
8. PROTECT (if true apply)	a. EYES	b. SKIN	c. INHALATION						
9. CONTACT:	a. COMPANY NAME								
b. ADDRESS (Street, P.O. Box, City, State, Zip Code and Country)									
c. (EMERGENCY) TELEPHONE NUMBER (Include Area Code)									
10. PROCUREMENT YEAR FOR HAZARDOUS CHEMICAL									
DD Form 2522, DEC 88									



DD Form 2521 or 22  
PER DoDI 6050.5-H

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# Chemical Storage and Segregation

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	Flammable	Corrosive	Irritant	Toxic	Oxidizer
Flammable	✓	✗	:(	✗	✗
Corrosive	✗	Avoid	✓	✗	:(
Irritant	:(	✓	✓	:(	:(
Toxic	✗	✗	:(	✓	✗
Oxidizer	✗	✗	:(	✗	✓

✓	Co storage is allowed
:(	Allowable, but not recommended
Avoid	Allowed by law, but incompatibility might occur
✗	Not allowed

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## Hazardous Waste

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## Types of Hazardous Wastes and their Properties

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Below are HW generated in the USAG which must be disposed IAW German Law

Hazardous Wastes	Hazardous Properties
Spent Antifreeze	Irritant, Toxic
Used Batteries, Alkaline (Drycell)	Health Hazard
Used Batteries, Lithium	Flammable, Irritant, Toxic
Used Batteries, NICAD (rechargeable)	Corrosive, Combustible
Used Batteries, Mercury	Toxic
Used Batteries, Lead Acid	Corrosive
Expired or damaged containers w/Calcium Hypochlorite	Corrosive, Oxidizer
DS2 Decon Agent (EASY Decon)	Corrosive, Flammable
Empty or partially full Gases compressed, Acetylene, Propane, Hydrogen, Diesel Engine Starters	Flammable
Empty or partially full Gases compressed, Argon, Helium, Halon Fire Ext.	Non-Flammable, Health Hazard
Empty or partially full Gases compressed, Oxygen	Oxidizer
Contaminated JP8	Flammable, Carcinogenic
Empty or non-functional Spray Cans (Paint, Lubricants, Pesticides)	Flammable, Compressed Gas, Toxic

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## Types of Hazardous Wastes and their Properties

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Hazardous Wastes	Hazardous Properties
Empty Metal or Plastic Cans, previously contained HM or residues	Irritant, Toxic, Flammable, Corrosive
Spent/used contaminated drysweep and rags	Flammable
Asbestos or artificial miner fibers containing materials (brake liners, engine seals and washers)	Carcinogen (Health Hazard)
Spent/used engine/motor oil, hydraulic, and brake fluids	Flammable, Toxic
Automotive grease	Environmental Hazard
Expired and partially solidified paints (latex and oil based)	Flammable, health and environmental hazard
Glues and adhesives	Flammable, Toxic
Detergents, Cleaners, Car and Floor Waxes	Flammable, Corrosive, Irritant
DS2 Decon Agent (EASY Decon)	Corrosive, Flammable
Spent/used oil and fuel filters	Flammable
Household type medicines and beauty products	Toxic, flammable, Health hazards,
Toner and printing products	Health and Environmental Hazard
Fluorescent and Energy Saving bulbs	Carcinogenic, Environmental Hazard
Expired fire extinguishing powder	Health, Environmental Hazard

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# HWAP Standards

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- Shall be at or close to point of generation
- Arrange timely coordination for removal/disposal of full containers to ensure storage does not exceed 5 working days
- Availability of serviceable compatible fire extinguisher
- Ensure availability of eye wash station
- Availability of personnel protective equipment
- Secured from access of unauthorized personnel
- Inspected weekly by HWAP Manager or Alternate
  - Must be conducted using Form IMEU-200-1
  - File completed inspection records for at least 3 yrs.
  - Will be inspected by DPW Environmental Division for compliance.
- Post Alarm Plan by Telephone part of Spill Prevention and Response Plan
- Ensure availability of operating instructions

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## HW Profile Sheet & Turn-In

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- Generating activities must complete HWPS for each waste stream
- Provide certified HWPS to USAG HWSA or DRMO prior to turning in HW
  - HWPS information comes from MSDS, user knowledge, or lab analysis
  - Identifies and characterizes the hazardous waste
  - Identifies processes that generate hazardous waste
  - HWPS valid for 1 year, provided process doesn't change
- For units/directories turning in through the USAG HWSA call 485-6858 to make arrangement for turn-in or pickup
- For generators who utilize other sources for disposal
  - Complete DD Form 1348-1a or respective funding documentation
  - Contact the DRMO or contractor respectively
- Ensure turn-in logs or manifests are signed

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## HWSA Receiving HW

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- Verify that, prior to accepting the waste, the HWSA manager:

- inspects the waste to ensure it matches the description provided
- ensures that no waste is accepted for storage unless a HWPS is provided, or available and properly referenced
- requests a new HWPS from the generating activity if there is reason to believe that the process generating the waste has changed
- analyzes waste shipments of unknown waste type to provide a correct waste description on the accompanying documents
- rejects shipments that do not match the internal accompanying waste descriptions unless the generating activity provides an accurate description.

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# Labeling Requirements

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## Hazard Signs (Warnzeichen)



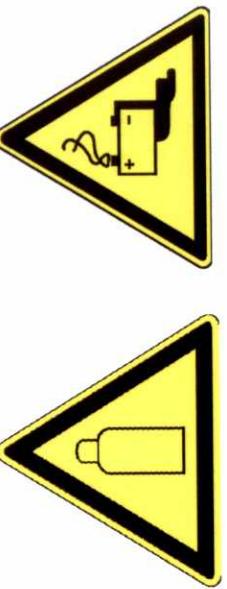
Vorsicht!  
Ätzenden Stoffe  
Warning!  
Corrosive Substances



Vorsicht!  
Feuergefährlichen Stoffen  
Warning!  
Flammable Substances



Vorsicht!  
Giftige Stoffe  
Warning!  
Toxic Substances



Vorsicht!  
Gasflaschen  
Warning!  
Compressed Gas Cylinders



Vorsicht!  
Batterien  
Danger!  
Batteries



Vorsicht!  
Explosive Atmosphäre  
Warning!  
Explosive Substances



Vorsicht!  
Explosionsgefährliche Atmosphäre  
Warning!  
Explosive Atmosphere



Vorsicht!  
Gesundheitsschädliche Stoffe  
Warning!  
Harmful to Health or Irritant Substances



Vorsicht!  
Brandfördernde Stoffe  
Warning!  
Combustible Substances

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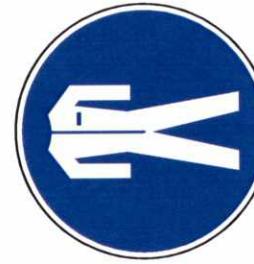
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## Mandatory Signs (Gebotszeichen)

- |  |   |
|--|---|
|     | Schutzschuh tragen<br>Wear safety shoes           |
|    | Schutzhandschuhe tragen<br>Wear protective gloves |
|     | Schutzhelm tragen<br>Wear helmet                  |
|   | Atemschutz tragen<br>Wear breathing apparatus     |
|   | Schutzanzug tragen<br>Wear protective clothing    |
|   | Schutzbrille tragen<br>Wear goggles               |
|  | Gehörschutz tragen<br>Wear hearing protection     |

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## Forbidden Signs (Verbotszeichen)



Rauchen verboten!  
Smoking prohibited!



Offenes Feuer verboten!  
Open Flames prohibited!



Unbefugter Zutritt verboten!  
Unauthorized Entry prohibited!



Nicht mit Wasser löschen!  
Do not extinguish with water!

# Container Handling

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- Selection and UN/DOT requirements

- Containers, including overpack containers, are compatible with the materials stored
- Only containers which meet UN specifications can be used for the accumulation and subsequent transportation of hazardous wastes

- Condition

- Free of rust, dents, corrosion, and structural weakness (bulging)

- Labeling

- At a minimum hazardous waste marking for intended waste and hazard symbol

- Handling

- Containers are not opened, handled, or stored in a manner which may rupture the container or cause them to leak
- Containers are always closed during storage, except when it is necessary to add or remove waste
- containers of flammable liquids must be grounded when transferring flammable liquids from one container to the other

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# Container Storage

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- Storage holding liquids must have secondary containment
  - Secondary Containment for free flowing liquids (10% of vol of all containers or 110%vol of largest container)
    - containment system that is sufficiently impervious to
    - contain leaks, spills, and accumulated precipitation until the collected material is detected and removed.
- Contaminated water from HWAP secondary containment must be treated as hazardous waste until determined otherwise.

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## HW Transportation

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- HW transportation comes under Host Nation regulations  
*'Carriage of Dangerous Goods by Road' & 'Hazardous Waste'*
- Special documentation & driver certification is required
- Refer to
  - Army in Europe Regulation 55-50, dated 2 February 2010,  
Transportation and Travel Command Dangerous Goods Program
  - Army in Europe Regulation 55-4\*, USAFE Instruction 24-203\*,  
dated 1 May 2003, Transportation and Travel Safe Movement of Hazardous Goods by Surface Modes

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## Spill Prevention and Response

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# Site Specific Spill Plan

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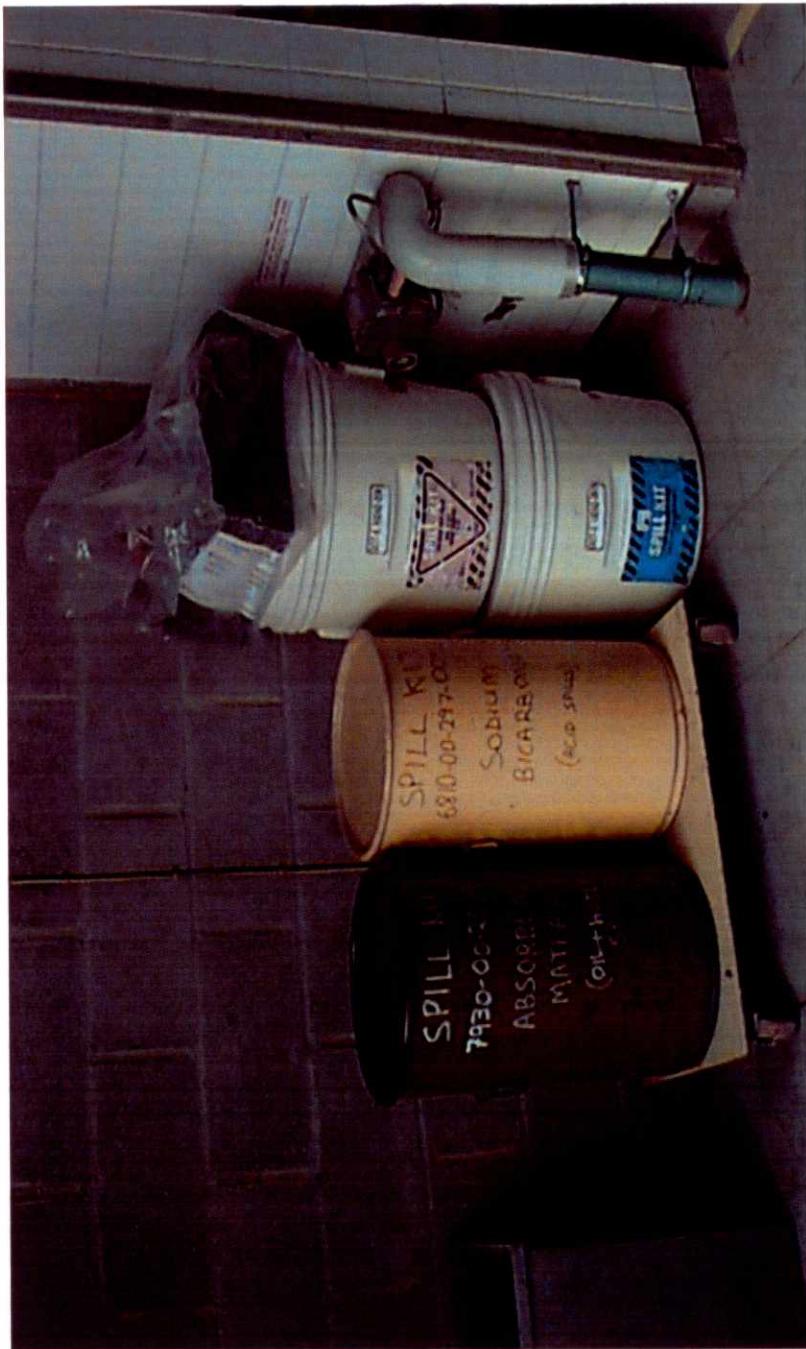


- Spill Prevention and Response Plan
- Emergency contact
- Types of hazardous substances
- Probable spill route/evacuation plan
- Discovery and notification procedures
- Containment procedures
- Cleanup and disposal procedures

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## Shop Spill Kit

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## Stock spill kit according to the hazards stored

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## Shop Spill Kit

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# Stock spill kit according to the hazards stored

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# Spill Response Procedures

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- Assess the situation
- Call 117 for the Fire Dept
- Notify your Environmental Officer
- Protect yourself and others
- Contain the spill/stop the spill source
- Clean-up or if necessary assist Fire Department
- Report all spills of HM or HW that reaches un-paved ground (e.g. grass, gravel, soil) to the Environmental Division regardless of quantity

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## Assessing the Situation

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- Recognize the danger
- Identify the substance (Fire Department needs to know)
- Be aware of precautionary measures:
  - Flash points
  - Exposure Limits
  - Unusual fire and explosive hazards
  - Requirements for protective clothing and equipment
- React according to your level of training



## Protecting Yourself

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- Check MSDS for appropriate level of PPE
- Assume the worst
- Use only assigned PPE
- Inspect and maintain PPE
- Replace degraded equipment, reorder and restock respectively



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## Containment

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- Assess the situation before approaching
- Stop the source if safe to do so
- Cover drains
- Use dikes, booms and pillows for containment
- Make sure spill cleanup supplies are compatible



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## Clean-up

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- For small spills the following supplies and equipment should be maintained:
  - Absorbent booms, pads, rolls, or pillows
  - Overpack drums
  - Brooms and shovels
  - Protective equipment (safety glasses, face shields, aprons, gloves etc)
- Clean-up IAW procedures in site specific spill plan & base spill plan

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## Pollution Prevention

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## Pollution Prevention

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- Reuse dry sweep until completely saturated and not suitable to absorb liquids anymore.
- Recycling has priority over disposal, ensure HW are segregated by waste stream and not commingled
- Pour waste oil only into designated waste oil sumps/sinks. DO NOT drain liquids into pits or grates
- Use HM to their full extent, so not to waste valuable materials before starting another can, bottle, etc.
- Do not expose opened cans, bottles, etc. to inclement weather resulting in contamination of valuable materials thus creating a larger quantity of hazardous waste
- Rotate HM stock using First In First Out method, ensuring that shelf life of materials does not expire



## Training Requirements

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- Personnel and their supervisors that are assigned duties involving actual or potential exposure to HW have successfully completed an appropriate training program prior to assuming those duties.
- All personnel performing HW duties successfully complete annual refresher hazardous waste training.
- The HW training program:
  - includes sufficient information to enable personnel to perform their assigned duties and fully comply with pertinent HW requirements;
  - is conducted by qualified trainers who have completed an instructor training program in the subject, have comparable academic credentials, or experience; and
  - is designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems.



# Training Requirements

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- HW training also addresses the following areas in particular for personnel whose duties include HW handling and management:
  - emergency procedures (response to fire/explosion/ spills; use of communications/alarm systems; body and equipment clean up);
  - drum/container handling/storage;
  - safe use of HW equipment;
  - proper sampling procedures;
  - employee protection such as: Personal Protective Equipment (PPE), safety and health hazards, hazard communication, worker exposure; and
  - recordkeeping, security, inspections, contingency plans, storage requirements, and transportation requirements.
- Document all HW training for each individual assigned duties involving actual or potential exposure to HW.
- Updated training records on personnel assigned duties involving actual or potential exposure to HW are kept by the Unit/Directorate Environmental Officer.
- Verify that the training records are retained for at least 3 years after termination of duty of these personnel.



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## Documents & Records

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Record	HM	HW	Location	Retention Time
EO appointments/designations	X	X	Supervisor of all Levels Requiring Designations	3 yrs after employee has separated from duty
On-site Inventory	X		HMSA	3 yrs
HWPS (review annually/update)	X		HWAP & HWSA	1 yr
HW analysis	X		HWAP & HWSA	3 yrs
Turn-In Log or DD Form 1348-1	X		HWAP & HWSA	3 yrs
Disposal permits	X		HW Generator shipping HW off site	Yrs Valid & 3 yrs retention
Manifests/shipping documents	X		HWAP & HWSA shipping off site	3 yrs
Relevant Regulations and Pubs (Management Plans)	X	X	HMSA, HWAP, & HWSA	As long as HM is utilized or HW generated
Weekly Inspection Results, Form IMEU-200-1	X	X	HMSA, HWAP, & HWSA	3 yrs
External Inspection Records	X	X	HMSA, HWAP, & HWSA	Until next equivalent inspection
Master Listing of HM & HW storage locations	X	X	DOL & DPW	
Alarm Plans	X	X	HMSA, HWAP, & HWSA	As long as HM is utilized or HW generated
MSDS/Operating Instructions	X	X	HMSA, HWAP, & HWSA	As long as HM is utilized or HW generated
Training records	X	X	HMSA, HWAP, & HWSA	3 yrs after employee has separated from duty
Spill reports	X	X	HMSA, HWAP, & HWSA, FIRE DEP	5 years



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# Questions?

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## Household Hazardous Chemicals

### Hazardous Waste Don'ts

There are two ways to dispose household chemicals.

#### First way:

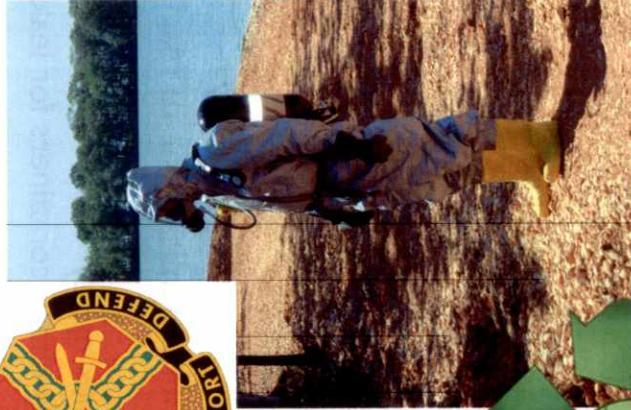
**Dangerous goods pickup vehicle:**  
Hazardous wastes (HW) are collected once a month in housing areas. Check your trash pick up schedule for the places where the vehicle stops



- Don't dispose HM/HW in the trash dumpster

- Don't flush HM/HW down the sink/toilet

- Don't dispose/abandon HW/HM in the environment (e.g. old car battery on a playground)



### Hazardous Waste Disposal

**Second way:**  
Take your hazardous items to the Hazardous Waste Storage Facility Building 8468

Opening hours:  
Mon-Wed and Fr 8:00am-3:30pm  
Thursday closed



For additional information please feel free to call the Hazardous Waste Storage Facility Building 8468:

DSN: 485-6858

Or Directorate of Public Works Environmental Division

DSN: 485-6621



## Hazardous Materials In your household

## Hazardous Materials Dangers

### Hazardous Materials (HM) are for example:

- Motor oil, lubricants and filters
- Antifreeze
- Aerosol cans
- Cleaners and disinfectants
- Washing agent and bleach
- Waxes and polishes
- Medicines
- Nail polish and removers
- Thermometers
- Paint and varnishes
- Paint thinners and removers
- All different types of batteries
- Pesticides and fertilizers
- Fluorescent and energy saving lamps
- Stain remover
- Corrosion inhibitor
- Wood preservatives
- Shoe polish
- Adhesives
- Turpentine
- Solvents
- Rug shampoo
- Flea spray
- Grease
- Compressed Gas Cylinders for E.Qs



## Hazardous Materials How to handle

Important rules for handling hazardous materials:

- Before you start your work read the information written on the product wrapping
- Store chemicals out of reach from children and pets
- Protect yourself (gloves, ...)
- Store according to instructions on the label
- Store incompatible chemical products separately
- Handle chemicals with care to avoid spills
- Keep products in their original containers with original labels
- Know the number to call in case an accident happens. The emergency number is:  
**06783-6-117 or DSN: 117**
- Do not mix chemicals due to reactions
- Secure lids tightly
- Regularly check containers for leaks or other damages



- Corrosive
- Materials like battery acid or bleach can cause severe burns to skin, eyes or other tissues
- Flammable

- Materials like gasoline or gases (propane gas for BBQ) can be ignited by the smallest spark. The results are explosions, fires, etc...
- Reactive

- Unstable materials can explode or give off poisonous gases when mixed with water or other materials (bleach and ammonia)



## Hazardous Materials How to handle

# U-FIX-IT Store

**Building # 8218**

**DSN 485-7375 or CIV 06783-6-7375**

What is the purpose of U-Fix-it?

a. The Self-Help Program was implemented to allow military personnel and family housing occupants the opportunity to improve their quality of life through their own initiative.

b. The Self-Help Store functions as the key issue point for supplies, materials and equipment used for maintenance, repair and minor construction of the US Army Garrison Baumholder Real Property. Real Property includes numbered buildings, utilities, roads and grounds.

c. The US Army Garrison Baumholder U-Fix-It Store is currently located in Building # 8218. The operating hours are as follows:

<b>MONDAY</b>	<b>0900-1530</b>	<b><u>Self Help Classes</u></b>
<b>TUESDAY</b>	<b>0900-1530</b>	are offered every Monday
<b>WEDNESDAY</b>	<b>0900-1200</b>	at 1300 hrs
<b>THURSDAY</b>	<b>1030-1700</b>	and last approximately one hour
<b>FRIDAY</b>	<b>0900-1400</b>	except on American and German Holidays
<b>SATURDAY</b>	<b>0900-1200</b>	

Your Service Team: Michael Röhrig

Eberhard Warmbier

Ernst Ruth



## Where is Household Hazardous Waste in Your Home?

### IN YOUR KITCHEN:

- All Purpose Cleaners
- Oven Cleaners
- Scouring Powder
- Bleach
- Detergent

### IN YOUR BATHROOM:

- Disinfectant
- Drain, Floor, Glass & Toilet Cleaner
- Hair Colour & Hair Spray
- Isopropyl Alcohol
- Hydrogen Peroxide
- Mildew Remover
- Nail Polish
- Nail Polish Remover
- Medicines, Prescriptions & Syringes

### IN YOUR ATTIC:

- Mothballs
- Rodent Killer
- Glues & Adhesives

### IN YOUR GARAGE:

- Alkyd & Lead Based Paints
- Paint Thinner & Varnish Remover
- Motor Oil & Windshield Wiper Fluid
- Antifreeze
- Brake Fluid & Gasoline
- Batteries (wet & dry cell)
- Aerosols
- Fertilizer
- Pesticides, Insecticides & Herbicides
- Glass & Window Cleaner
- Fluorescent Bulbs & Tubes

## What is Household Hazardous Waste?

Household Hazardous Waste includes products that are:

 <b>POISON</b> Pesticides, Chemicals Rat poison, Bleach Pharmaceuticals Cleaning fluids	 <b>EXPLOSIVE</b> Aerosols Propane cylinders	 <b>CORROSIVE</b> Batteries Drain cleaners Oven cleaners	 <b>FLAMMABLE</b> Paints, Solvent Oils, Gasoline BBQ starter
--	---	--	--

- **Poisonous** - can poison or damage living organisms
- **Explosive** - can react violently when mixed with other agents, or when placed under heat or pressure
- **Corrosive** - can eat away at surfaces, including skin
- **Flammable** - can burn easily

### What You Can Do

- Whenever possible, use a non-hazardous alternative.
- Environmentally friendly and safer alternatives are available for household cleaning, home improvement and garden care.
- Be a wise consumer - procure only the amount of product you need.
- If you do use a hazardous product, make sure to use it all.
- If you cannot use the entire product, give the leftovers to someone who can.

### Working With Household Hazardous Waste

- Read and follow all directions on the label carefully.
- Always use hazardous products in a well-ventilated area or take plenty of fresh air breaks.
- Never leave containers open. Many products are volatile, evaporating quickly into the air. Always seal containers tightly after use.
- Never mix chemicals. Do not use chemical containers for other purposes.
- Wear protective clothing such as gloves and a mask when required. Wash clothing exposed to hazardous materials separately from other clothes.
- Store materials securely in a well-ventilated area in original containers.

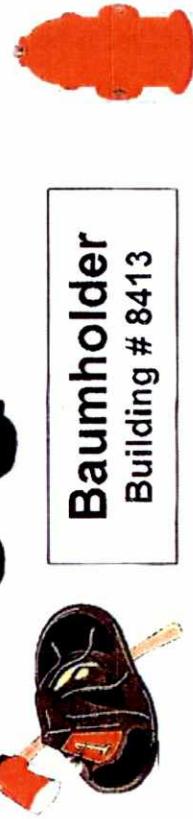
### How Do I Dispose of My Household Hazardous Waste?

- Keep materials in their original containers, or ensure that the containers are well labelled.
- Do not mix different products together.
- Tightly cap all containers.
- Bring them to your local Self-Help Store (household items only) .

# USAG BHR FIRE Department



**Baumholder**  
Building # 8413



The Fire & Emergency Services supports  
the following classes upon request:

  
**FCC Class**  
**Use of Fire Extinguishers**  
**Fuel Handler Certification**

The following classes are held regularly:

**Self Help Class:** every Monday, 13:00 hrs  
at bldg 8218 (U-Fix-It)

**Fire Warden Training:** First Wednesday every month,  
09:00 hrs at bldg 8413

## Fire & Emergency Services Emergency Telephone Numbers

Military Phone      117



## Civilian Phones

Baumholder                            6-117 or 2386  
Idar-Oberstein and Straßburg Kaserne    06783-6-117 or 06783-2386  
Birkenfeld and Neurücke                    06783-6-117 or 06783-2386

## Fire Extinguisher Repair and Maintenance Shop Operation Hours

Monday – Thursday

08:30 – 12:00 hrs and 13:00 – 16:00 hrs

Friday 08:30 – 12:00 hrs



## Ambulance Emergency

Call MIL 116 or  
Civilian 6-116

# EMERGENCY • IM NOOTFALL

## LOCATION:

BLDG # :



**FIRE DEPARTMENT**  
**Military 117**

Civ: 06783 - 6 -117



**MILITARY POLICE**  
**Military 114**

Civ: 06783 - 6-114



**AMBULANCE**  
**Military 116**

Civ: 06783 - 6 -116  
or call Fire Department

## IN CASE OF FIRE

NOTIFY OCCUPANTS /  
ACTIVATE FIRE ALARM



REPORT THE FIRE



CLOSE ALL DOORS & WINDOWS



EVACUATE TO SAFETY



DO NOT USE ELEVATOR



GO TO THE MEETING POINT



## IM BRANDFALL

BEWOHNER BENACHRICHTIGEN /  
FEUERMELDER BETÄTIGEN

BRAND MELDEN

FENSTER & TÜREN SCHLIESSEN

IN SICHERHEIT BRINGEN

AUFGZUG NICHT BENUTZEN

SAMMELPUNKT AUFSUCHEN

USAG  
Baumholder

## Operating Instructions

Date:  
Installation:  
Unit:

Working Area:  
Workplace/Activity:

### Hazard Category

#### HIGHLY AND EXTREMELY FLAMMABLE

Example: Oils

### Human Health and Environmental Hazards



- Fire danger due to the release of flammable vapors
- Danger of the formation of explosive vapor/air mixtures
- Degreasing effect on skin
- Danger of eye injury associated with splash hazard
- Vapors of some flammable substances are noxious
- Some flammable substances are hazardous to ecological receptors if released to soil or waterways



### Personal Protective Equipment (PPE) and Precautionary Measures



- Wear **safety goggles** and **safety gloves** during handling
- Avoid contact with skin, mucous membranes (e.g., throat, nose, mouth), and eyes
- Keep away from fire and ignition sources (e.g., hot parts, open flames, cigarettes) – do not smoke
- Do not inhale vapors
- Keep containers tightly closed when not in use



### Emergency Response and Notification Procedures



- **Extinguishing media:** Use a dry chemical or carbon dioxide fire extinguisher for small fires – do not use water for fire extinguishing. If the fire cannot be controlled, leave the danger area immediately and call the fire department.
- **Accidental release:** Use absorbent for cleaning liquid spills/leaks (Spill Kit). Collect contaminated absorbent material in a designated waste container.

**EMERGENCY TELEPHONE NUMBER:** DSN 117 (no prefix); or commercial 06783-6-117

**LOCATION OF NEAREST TELEPHONE:** \_\_\_\_\_

### First Aid



- **After eye contact:** Keeping the affected eye(s) open, immediately flush with water for approximately 15 minutes (while protecting the uninjured eye, if applicable); contact an eye specialist
- **After skin contact:** Immediately remove contaminated clothes; thoroughly wash contact areas with water and soap; seek medical attention in case of skin redness or sickness
- **After inhalation:** Ensure sufficient ventilation/fresh air; seek medical attention

### Proper Disposal

Collect waste/residuals in a chemical-resistant, closed, and labeled container and store at the HWAP/HWSA.

### Additional Remarks

More specific information regarding hazard characteristics and possible hazards to human health and the environment should be obtained from the **Material Safety Data Sheet (MSDS)** for each individual substance. For additional information, please also refer to the "**General Operating Instructions**".

USAG Baumholder	<b>Betriebsanweisung</b>		
Datum: Kaserne: Einheit:	August 2011 Baumholder Smith Barracks DPW Environmental Division	Arbeitsbereich: Arbeitsplatz/Tätigkeit:	HWSF (Sonderabfallplatz Geb. 8468) Lagerung von Sonderabfällen

#### Gefährlichkeitsmerkmal

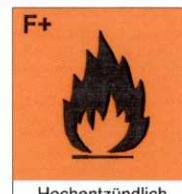
### LEICHT- UND HOCHENTZÜNDLICH

Beispiele: Acetonabfälle, Abfälle von Verdünnungen, Altöle, Altschmierstoffe, Altbindemittel

#### Gefahren für Mensch und Umwelt



- Brandgefahr durch Bildung leicht- und hochentzündlicher Dämpfe
- Gefahr der Bildung explosionsfähiger Dampf-Luft-Gemische
- Entfettende Wirkung auf die Haut
- Spritzer können zu Augenschäden führen
- Dämpfe einiger dieser Gefahrstoffe wirken narkotisch bzw. gesundheitsschädlich
- Flüssigkeiten sind zum Teil wassergefährdend – Eindringen in Boden, Gewässer und Kanalisation vermeiden



#### Schutzmaßnahmen und Verhaltensregeln



- **Schutzbrille** und **Schutzhandschuhe** tragen
- Berührung mit Haut, Schleimhäuten und Augen vermeiden
- Von offenem Feuer und Zündquellen fernhalten – nicht rauchen
- Dämpfe nicht einatmen
- Behälter bei Nichtgebrauch dicht verschlossen halten



#### Verhalten im Gefahrenfall



- **Geeignete Löschmittel:** ABC-Pulverlöscher oder CO<sub>2</sub>-Löscher, (auf Umgebung abstimmen) – kein Wasser zur Brandbekämpfung verwenden! Kann der Brand nicht unter Kontrolle gebracht werden, Gefahrenbereich sofort verlassen und Notruf tätigen
- **Unbeabsichtigte Freisetzung:** Verschüttete/ausgelaufene Flüssigkeiten mit flüssigkeitsbindendem Material (Spill Kit) aufnehmen und in dafür vorgesehenem Behälter entsorgen.

**NOTRUF:**                   **DSN 117 (ohne Vorwahl); oder aus deutschem Netz 06783-6-117**

**NÄCHSTES TELEFON:** Büro in Gebäude 8468

#### Erste Hilfe



- **Nach Augenkontakt:** Sofort unter Schutz des unverletzten Auges ausgiebig (ca. 15 Minuten) bei geöffneten Lidern mit Wasser spülen, Augenarzt konsultieren
- **Nach Hautkontakt:** Verunreinigte Kleidung sofort entfernen; betroffene Hautpartien mit viel Wasser und Seife gründlich abwaschen, ggf. (z.B. bei Hautrötung, Unwohlsein usw.) Arzt aufsuchen
- **Nach Einatmen:** Für Frischluftzufuhr sorgen, Arzt konsultieren

#### Sachgerechte Entsorgung

Abfälle/Reste in einem chemikalienbeständigen, verschließbaren, gekennzeichneten Behälter sammeln und bis zur ordnungsgemäßen Verwertung/Beseitigung zwischenlagern.

#### Zusätzlich zu beachten

Spezielle Informationen hinsichtlich der möglichen Gefahren für Mensch und Umwelt sowie zu den Gefährlichkeitsmerkmalen sind zusätzlich den entsprechenden **Hazardous Waste Profile Sheets** zu entnehmen. Für weitere Hinweise siehe auch „Allgemeine Betriebsanweisung“.

## Hazard Symbols

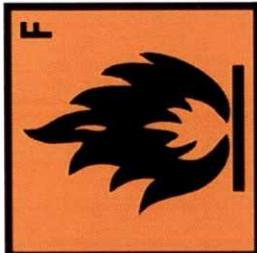
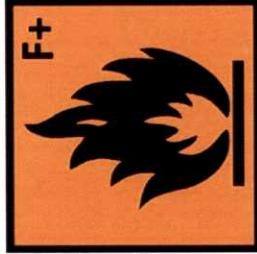
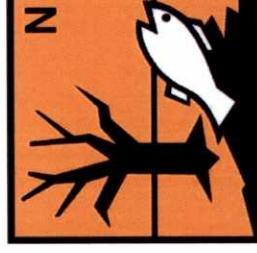
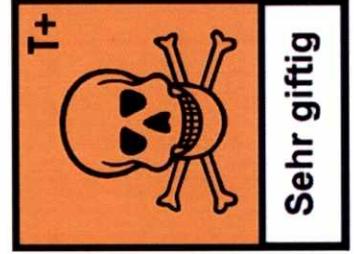
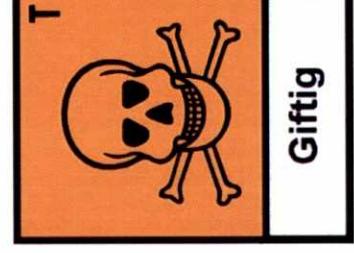
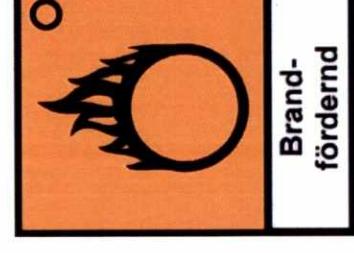
 <b>Xn</b>	Gesundheits-schädlich Harmful to Health
 <b>F</b>	Leicht-entzündlich Highly Flammable
 <b>F+</b>	Hoch-entzündlich Extremely Flammable
 <b>N</b>	Umwelt-gefährlich Harmful to the Environment
 <b>C</b>	Ätzend Corrosive
 <b>Xi</b>	Reizend Irritant
 <b>T+</b>	Sehr giftig Very Toxic
 <b>T</b>	Giftig Toxic
 <b>O</b>	Brand-fördernd Oxidizing

Figure 1

## Warning Signs, Hazardous Substance Related

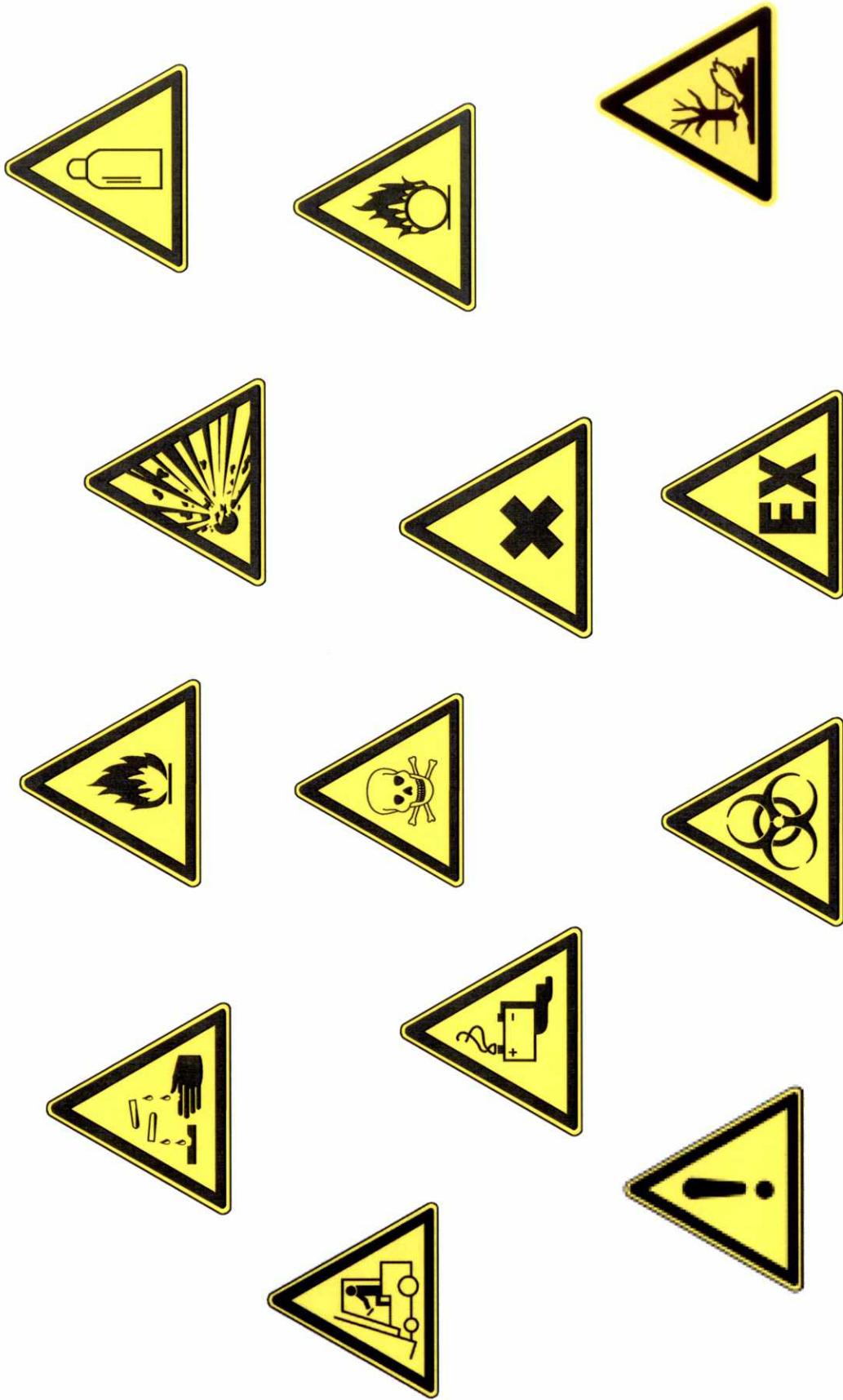


Figure 2

NOTE: Signs available are not all conclusive, and additional signs may require to be posted. Contact the USAG Safety Office for other potential additional signs required, i.e. Forklift use, Radiation, Noise, etc.

## Forbidden Signs, Hazardous Substances Related

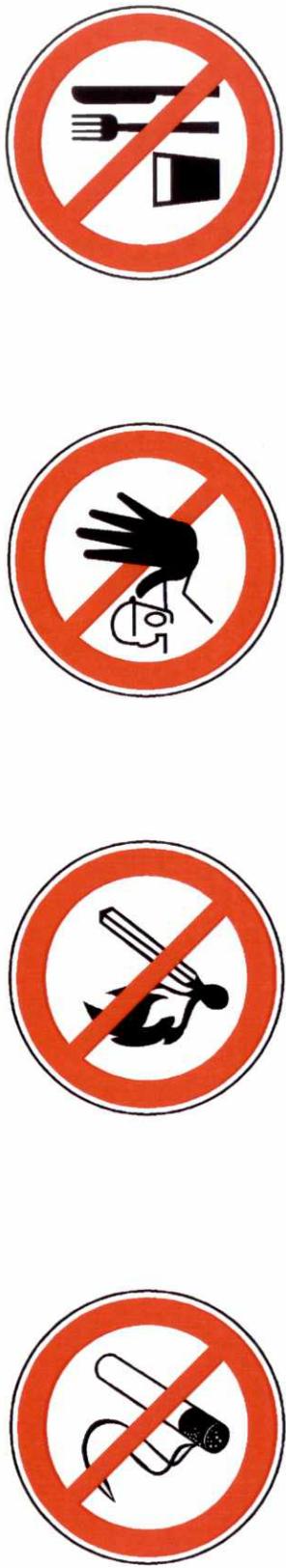
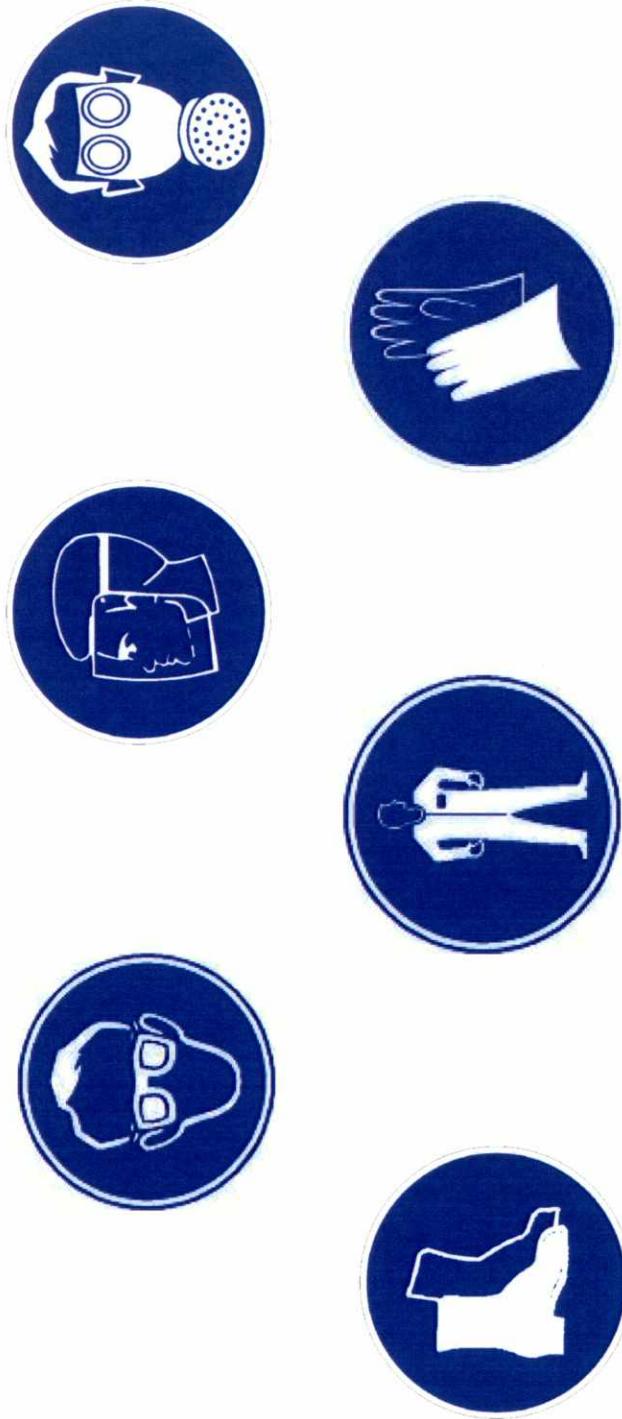


Figure 3

NOTE: Signs available are not all conclusive and additional signs may be required to be posted. Contact the USAG Safety Office for potential additional signage required.

## Mandatory Signs, Hazardous Substance Related



**Figure 4**

NOTE: The signs available are not all conclusive and additional signs may be required to be posted. Contact the USAG Safety Office for potential additional signage required.

**Merkblatt  
für den Betrieb von Anlagen zum Lagern, Abfüllen, und  
Umschlagen von wassergefährdenden Stoffen (LAU Anlagen),  
herausgegeben vom Land Rheinland-Pfalz**

Official Leaflet (Merkblatt)  
for the Operation of Facilities Used for Storage, Distribution and  
Handling of Water Endangering Substances (LAU Anlagen),  
issued by the State of Rheinland-Pfalz

**Merkblatt**

Betriebs- und Verhaltensvorschriften für den Umgang mit  
wassergefährdenden flüssigen Stoffen

Diese Anlage kann Grundwasser, Bäche, Flüsse und Seen  
gefährden.

**Deshalb:**

1. Sorgfalt beim Betrieb !
2. Vorsicht beim Befüllen und Entleeren !
3. Kontrolle aller Sicherheitseinrichtungen !
4. Wartung durch Fachbetriebe !
5. Anlage vom Sachverständigen prüfen lassen !
6. Bei Gefahr Anlage außer Betrieb nehmen !
7. **Im Schadensfall sofort verständigen :**

**USAG Baumholder Fire Department,**  
Phone: (CIV) 06783-6-117  
(DSN) 117

**USAG Baumholder DPW Environmental Office,**  
Phone: (CIV) 06783-6-6146  
(DSN) 485-6146

**or Military Police in Baumholder**  
Phone: (CIV) 06783-6-114  
(DSN) 114

**Merkblatt**

Rules of operation and behavior when using water endangering  
substances

This facility may endanger groundwater, streams and lakes.  
Therefore:

1. Take care during operation !
2. Be cautious during filling and emptying activities !
3. Ensure control of all safety devices !
4. Ensure maintenance through certified contractor !
5. Ensure inspection by a certified expert !
6. In case of danger, take facility out of operation !
7. **In case of damage, inform immediately :**

**USAG Baumholder Feuerwehr (Fire Department),**  
Tel.: (CIV) 06783-6-117  
(DSN) 117

**USAG Baumholder Umweltbüro (DPW Environmental Office),**  
Tel.: (CIV) 06783-6-6146  
(DSN) 485-6146

**oder Militärpolizei in Baumholder**  
Tel.: (CIV) 06783-6-114  
(DSN) 114

**Merkblatt  
für den Betrieb von Anlagen  
zum Lagern, Abfüllen, und Umschlagen von wassergefährdenden Stoffen (LAU Anlagen),  
herausgegeben vom Land Rheinland-Pfalz**

***Das Bedienungspersonal über den Inhalt bitte unterrichten.***

**1. Sorgfalt beim Betrieb!**

Für jeden Behälter und für Sicherheitseinrichtungen werden Betriebsanleitungen und behördliche Zulassungen mitgeliefert. Sie enthalten für den Betrieb wichtige Hinweise und sind zu beachten.

**2. Vorsicht beim Befüllen und Entleeren!**

Das Befüllen und Entleeren ist ununterbrochen zu überwachen.

Behälter in Anlagen zum Lagern von Heizöl EL, Dieselkraftstoff, Ottokraftstoff sowie von anderen flüssigen Stoffen dürfen nur mit festen Leitungsanschlüssen und unter Verwendung einer zugelassenen Überfüllsicherung, die rechtzeitig vor Erreichen des zulässigen Flüssigkeitsstandes den Füllvorgang unterbricht oder akustischen Alarm auslöst befüllt werden.

Behälter in Anlagen zum Lagern von Heizöl EL und Dieselkraftstoffen dürfen aus Straßentankwagen und Aufsetztanks nur unter Verwendung einer selbsttätig schließenden Abfüll- oder Überfüllsicherung befüllt werden.

Vor dem Befüllen ist zu prüfen, wie viel Lagerflüssigkeit der Behälter aufnehmen kann und ob die Sicherheitseinrichtungen, insbesondere der Grenzwertgeber, in ordnungsgemäßem Zustand sind. Beim Befüllen ist unbedingt darauf zu achten, dass der zulässige Betriebsüberdruck nicht überschritten wird, um ein Bersten des Behälters und der Rohrleitungen zu vermeiden.

**3. Kontrolle aller Sicherheitseinrichtungen!**

Sicherheitseinrichtungen und Schutzvorkehrungen müssen ununterbrochen wirksam sein. Wer selbst den Zustand der Anlage nicht beurteilen und Störungen nicht beheben kann, muss einen Sachverständigen oder einen zugelassenen Fachbetrieb nach § 19l des Wasserhaushaltsgesetzes (WHG) einschalten.

**4. Wartung durch Fachbetriebe!**

Errichtung, Instandhaltung, Instandsetzung und Reinigung dürfen ab einer bestimmten Gefährdungsstufe der Anlage nur von zugelassenen Fachbetrieben durchgeführt werden. Ein Fachbetrieb hat Ihnen seine Fachbetriebseigenschaft auf Anforderung nachzuweisen.

**5. Anlage von Sachverständigen überprüfen lassen!**

Prüfpflichtige Anlagen sind zu den vorgeschriebenen Prüfungszeitpunkten unaufgefordert und auf eigene Kosten durch zugelassene Sachverständige überprüfen zu lassen. Dem Sachverständigen sind vor der Prüfung alle für die Anlage erteilten behördlichen Bescheide, sowie die vom Hersteller ausgehändigten Bescheinigungen und Zulassungen vorzulegen. Der Betreiber der Anlage ist für die Vollständigkeit der Unterlagen und die Beseitigung der vom Sachverständigen festgestellten Mängel verantwortlich.

Zeitpunkt der Prüfung:

1. Vor der ersten Inbetriebnahme, nach einer wesentlichen Änderung, vor Wiederinbetriebnahme einer langer als 1 Jahr dauernden Stilllegung;

2. wiederkehrend in Zeitabständen von höchstens 5 Jahren, in Schutzgebieten 2 ½ Jahre.

**Inbetriebnahme am: .....**

**wiederkehrende Prüfung am: .....**

**wiederkehrende Prüfung am: .....**

**wiederkehrende Prüfung am: .....**

**6. Bei Gefahr Anlage außer Betrieb nehmen!**

Bei Betriebsstörungen und Schadensfällen ist die Anlage unverzüglich außer Betrieb zu nehmen und, soweit erforderlich, wenn das Austreten oder die Gefahr des Austritts wassergefährdender Stoffe aus der Anlage nicht auf andere Weise verhindert oder unterbunden werden kann.

**7. Schaden melden!**

Das Austreten wassergefährdender Stoffe ist unverzüglich der nächsten Feuerwehr (BSB Fire Department) zu melden, wenn die Stoffe in ein oberirdisches Gewässer, in den Untergrund oder in die Kanalisation eingedrungen sind oder einzudringen drohen. Das BSB Fire Department verständigt gegebenenfalls die zuständige Polizeidienststelle, Feuerwehr oder Wasserbehörde

**8. Anzeigepflicht!**

Anzeigepflichtig ist der Betreiber, der Fahrzeugführer oder wer die Anlage instandhält, instandsetzt, reinigt, überwacht oder prüft oder das Austreten des wassergefährdenden Stoffes verursacht hat.

Example HW container issue and labeling

Example labeling/marketing for containers used to collecting daily generations of liquid HW, i.e. used oil, used fuel, or spent antifreeze, in various work shops

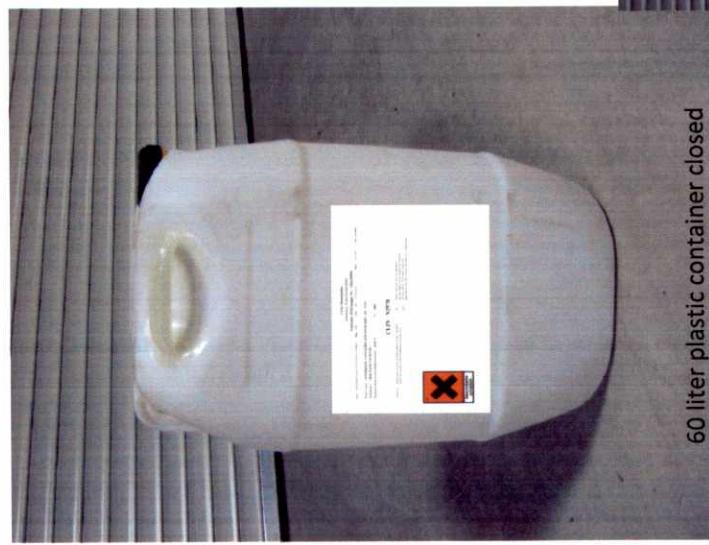
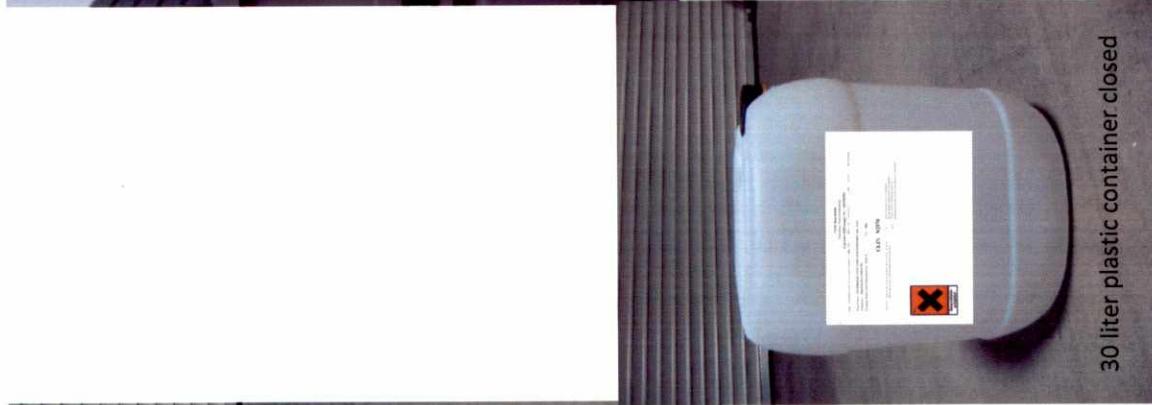


Figure 1

**Example labeling/markings for containers used to collecting daily generations of POL contaminated solid HW in maintenance work shops**

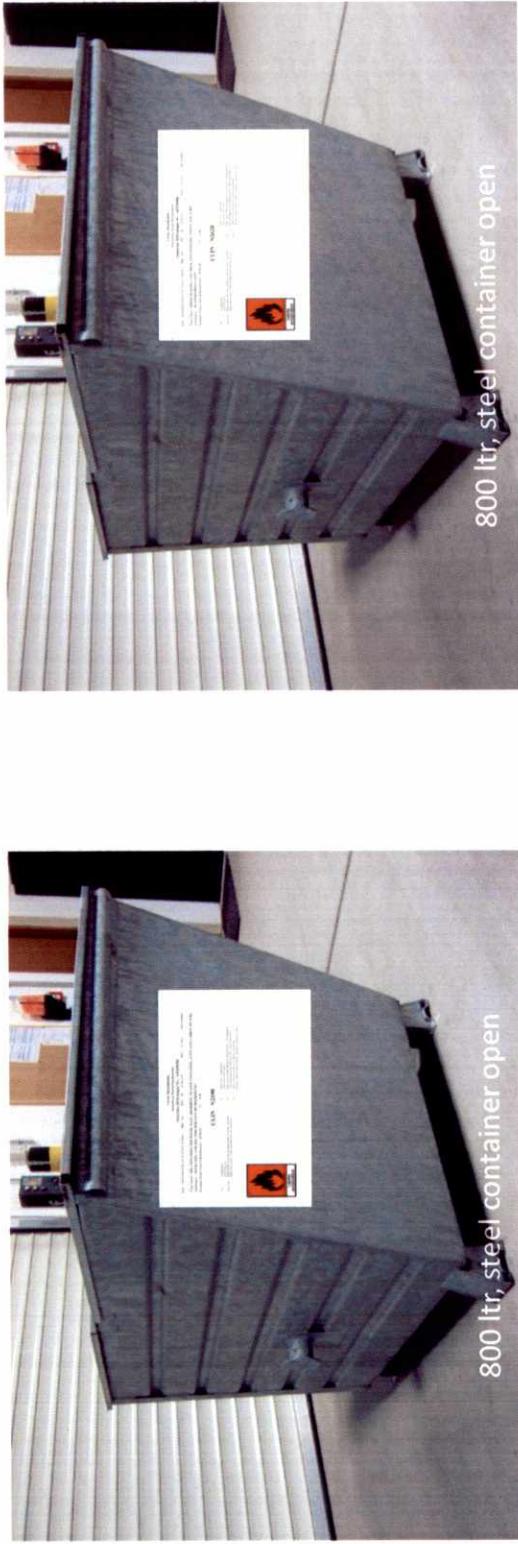


Figure 2

**Example labeling/marking for HWSF issued containers used for collecting daily generations of various solid HW in multiple work shops**

Waste pesticide aerosol/ spray cans	Waste aerosol/ spray cans not pest/foam	Waste foam aerosol/ spray cans
		
120 ltr, plastic drum open	120 ltr, plastic drum open	30 ltr, plastic drum open
Spent NiCad Batteries	Spent Lithium Batteries	Used brake liners
		
30 ltr, plastic drum open	30 ltr, plastic drum open	30 ltr, plastic drum open

For batteries request a container or use original box

Figure 3

## HWSF label issued to generating activities

USAG Baumholder				
Hazardous Waste/Sonderabfall				
Generator ID/Erzeuger-Nr.: G02296906				
Unit: DPW(DIRECTORATE OF PUBLIC WORKS)	Bldg: 8468	POC: MR. EICHMANN	DSN: 485-6858	APO AE 09034
Waste Name: <b>ANTIFREEZE, CONTAMINATED WITH DIRT, OIL, FUEL</b>				
Abfallname: <b>FROSTSCHUTZMITTEL</b>				
European Waste Code/Abfallschlüssel: 16 01 15 UN: 0000				
CLIN N2570				
R36/37/38	IRRITATING TO EYES, RESPIRATORY SYSTEM, AND SKIN REIZT DIE AUGEN, ATMUNGSSORGANE UND DIE HAUT	S20	WHEN USING DO NOT EAT OR DRINK BEI DER ARBEIT NICHT ESSEN UND TRINKEN	
		S24/25	AVOID CONTACT WITH SKIN AND EYES BERÜHRUNG MIT DEN AUGEN UND DER HAUT VERMEIDEN	
				

Figure 4

## Example contractor provided label

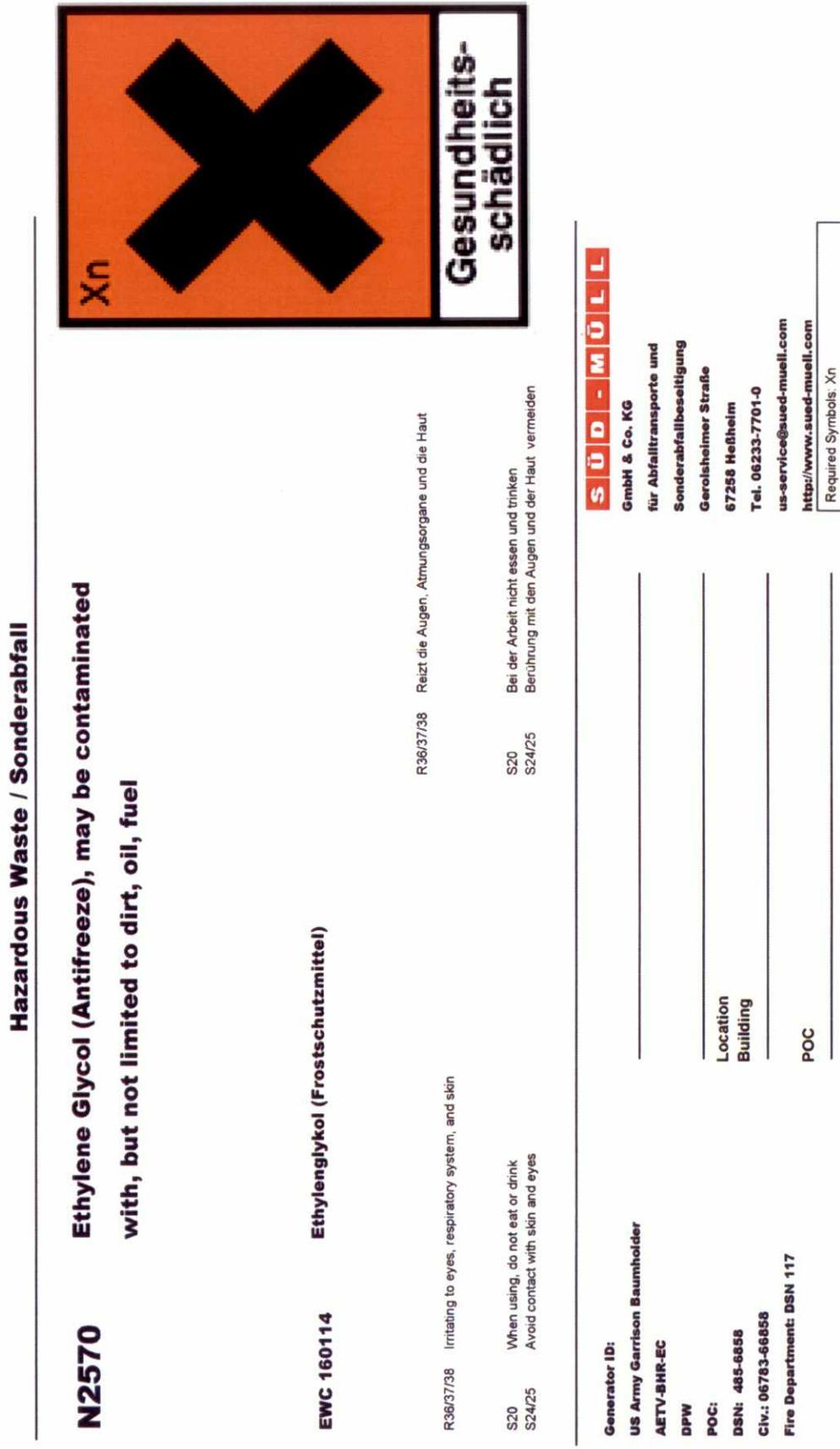


Figure 5

Example HW container issue and labeling

Example labeling/marketing for containers used to collecting daily generations of liquid HW, i.e. used oil, used fuel, or spent antifreeze, in various work shops

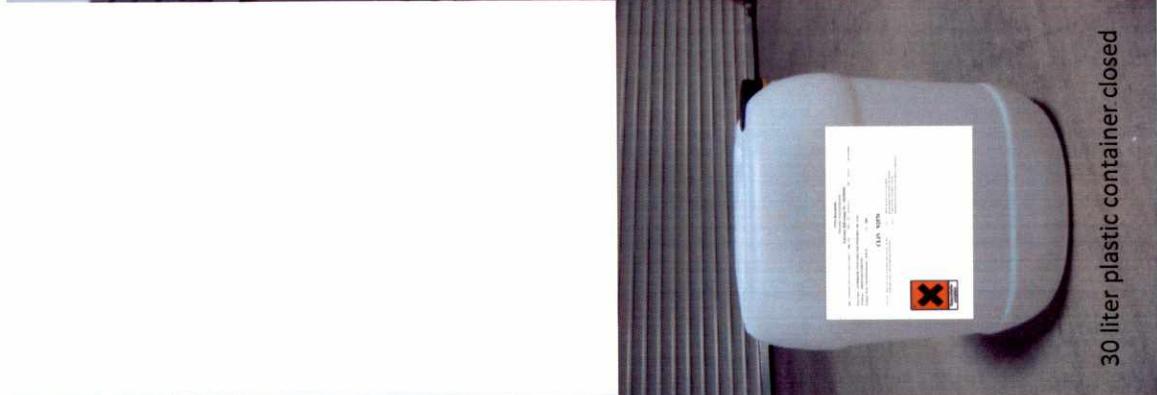


Figure 1

**Example labeling/markings for containers used to collecting daily generations of POL  
contaminated solid HW in maintenance work shops**

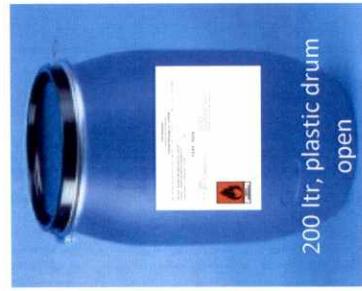


Figure 2

**Example labeling/marking for HWSF issued containers used for collecting daily generations of various solid HW in multiple work shops**

Waste pesticide aerosol/ spray cans	Waste aerosol/ spray cans not pest/foam	Waste foam aerosol/ spray cans
		
120 ltr, plastic drum open	120 ltr, plastic drum open	120 ltr, plastic drum open
Spent NiCad Batteries	Spent Lithium Batteries	Spent Drycell Batteries
		
30 ltr, plastic drum open	30 ltr, plastic drum open	30 ltr, plastic drum open

For batteries request a container or use original box

Figure 3

## HWSF label issued to generating activities

USAG Baumholder				
Hazardous Waste/Sonderabfall				
Generator ID/Erzeuger-Nr.: G02296906				
Unit: DPW(DIRECTORATE OF PUBLIC WORKS)	Bldg: 8468	POC: MR. EICHMANN	DSN: 485-6858	APO AE 09034
<p>Waste Name: <b>ANTIFREEZE, CONTAMINATED WITH DIRT, OIL, FUEL</b></p> <p>Abfallname: <b>FROSTSCHUTZMITTEL</b></p> <p>European Waste Code/Abfallschlüssel: <b>16 01 15</b></p> <p>UN: 0000</p>				
<p><b>CLIN N2570</b></p>				
R36/37/38	IRRITATING TO EYES, RESPIRATORY SYSTEM, AND SKIN REIZT DIE AUGEN, ATMUNGSSORGANE UND DIE HAUT	\$20	WHEN USING DO NOT EAT OR DRINK BEI DER ARBEIT NICHT ESSEN UND TRINKEN	
S24/25	AVOID CONTACT WITH SKIN AND EYES BERÜHRUNG MIT DEN AUGEN UND DER HAUT VERMEIDEN			



Figure 4

Example contractor provided label

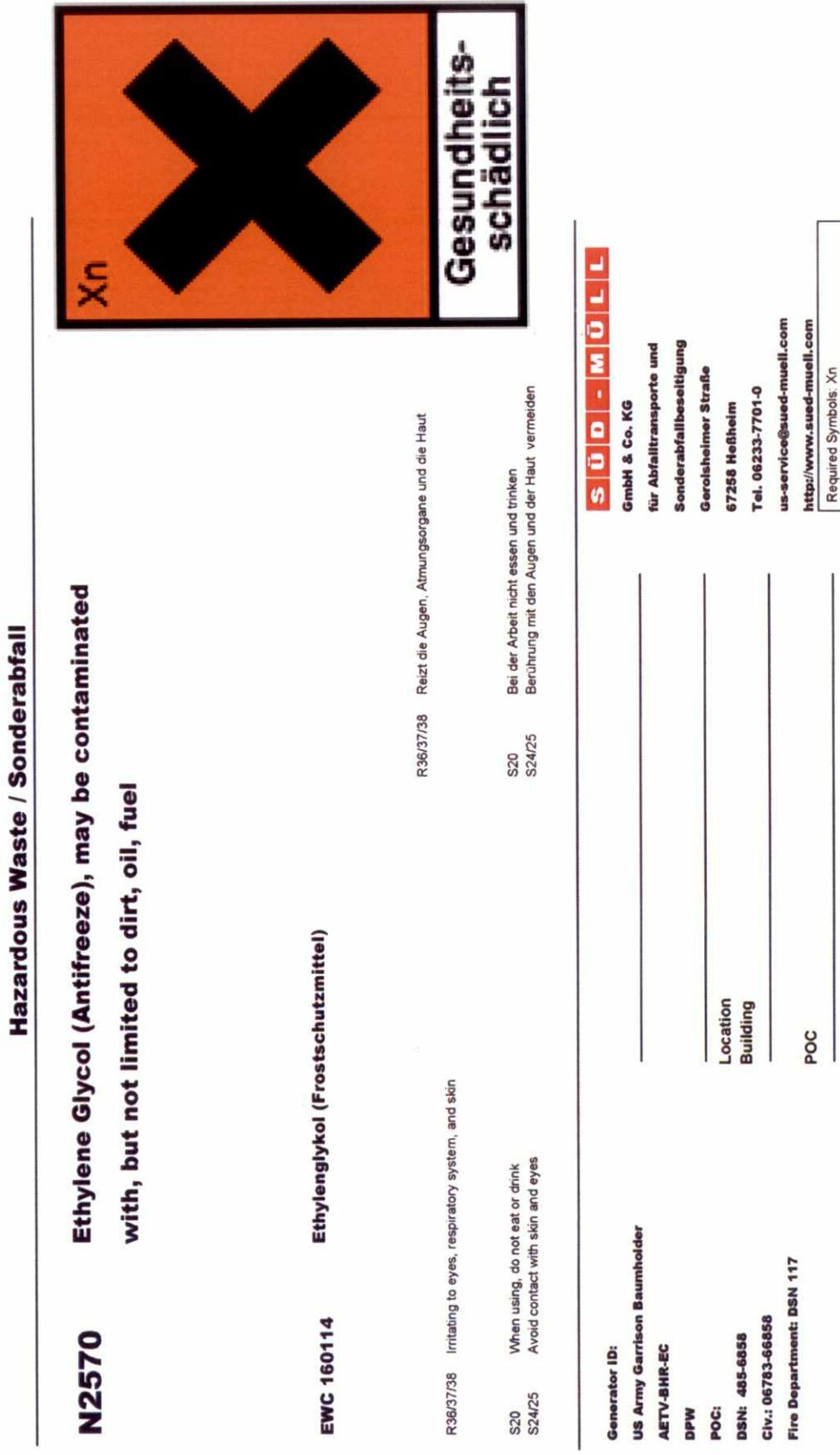


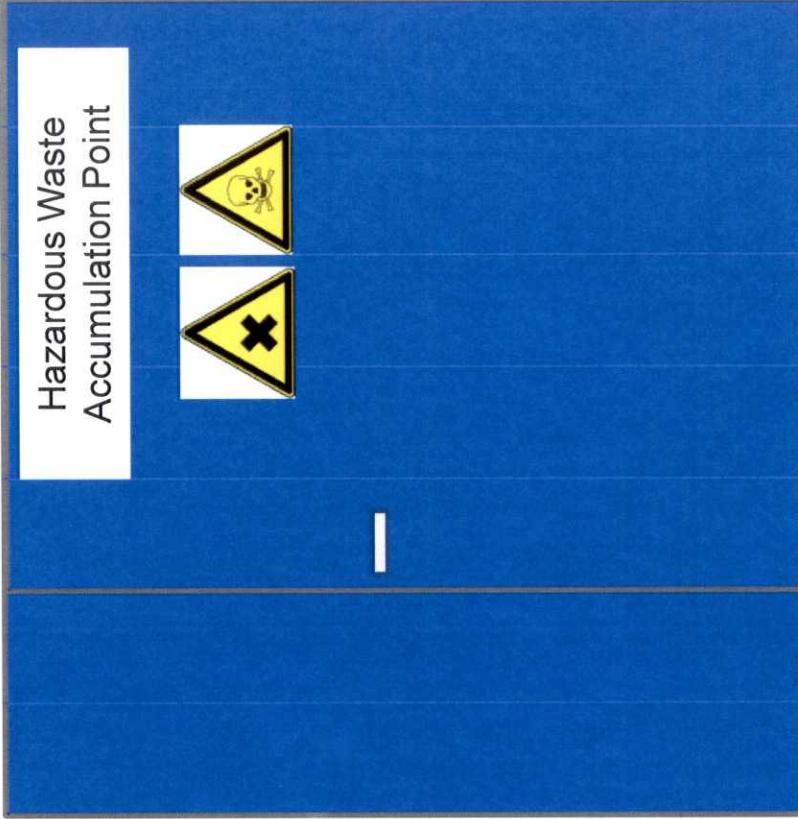
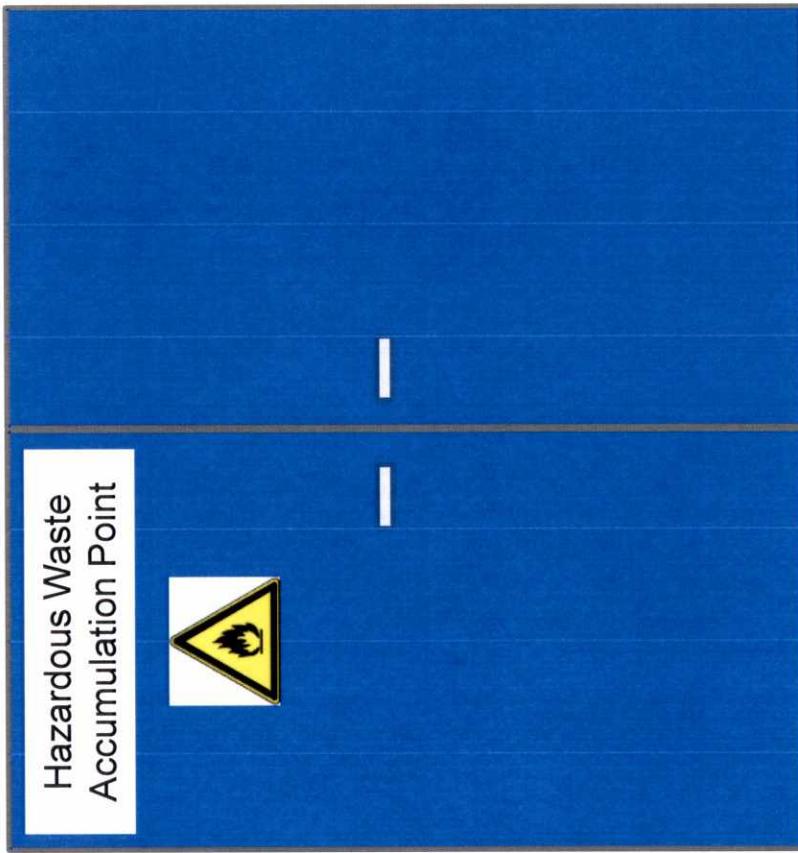
Figure 5

Work Area 1

**Connexes containing hazardous waste(s), assuming these are located  
within a single secured/fenced work area**

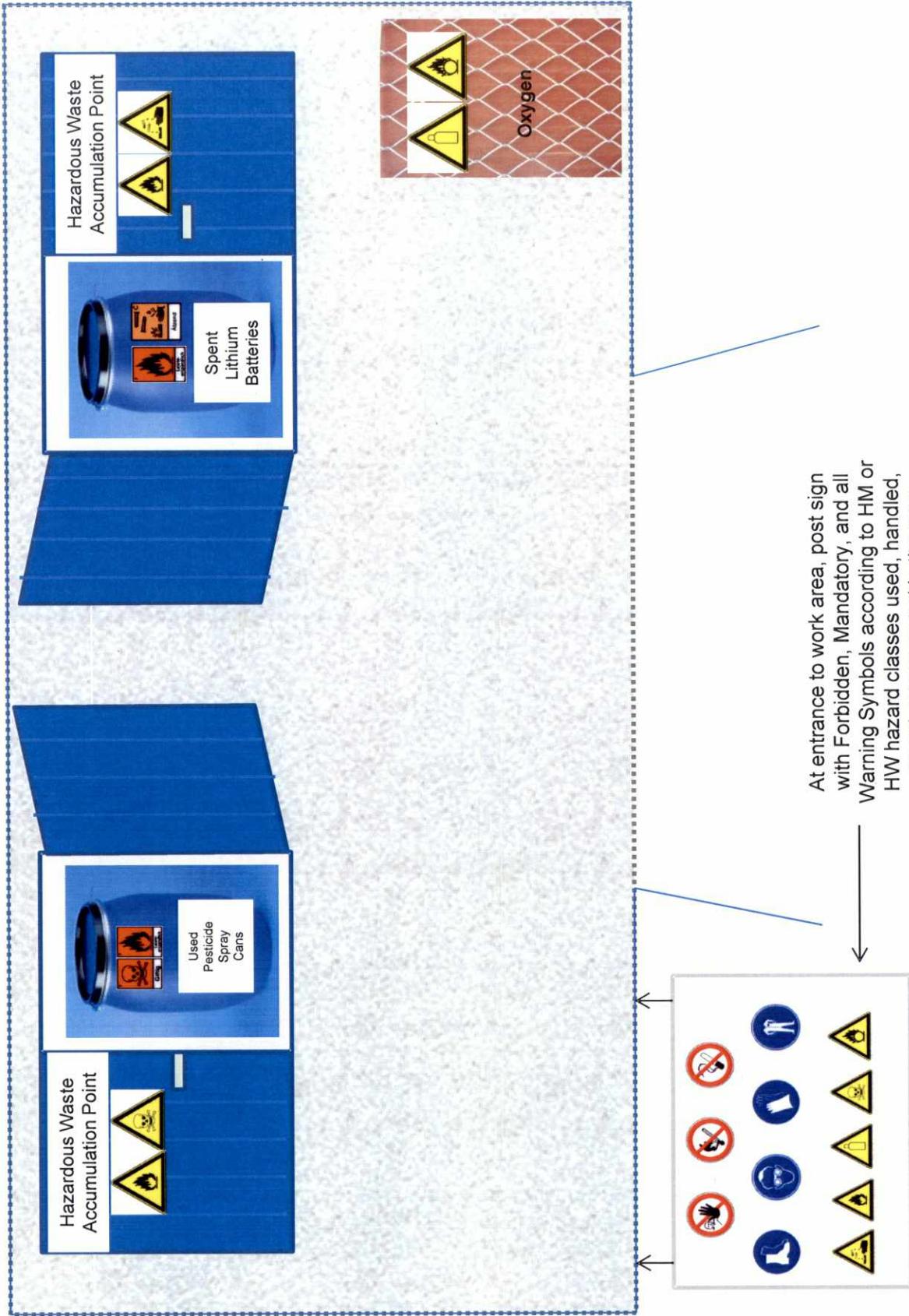
Single hazard class, i.e. POL contaminated  
drysweep

Wastes with more than hazard classes, i.e.  
NiCad Batteries, DS2



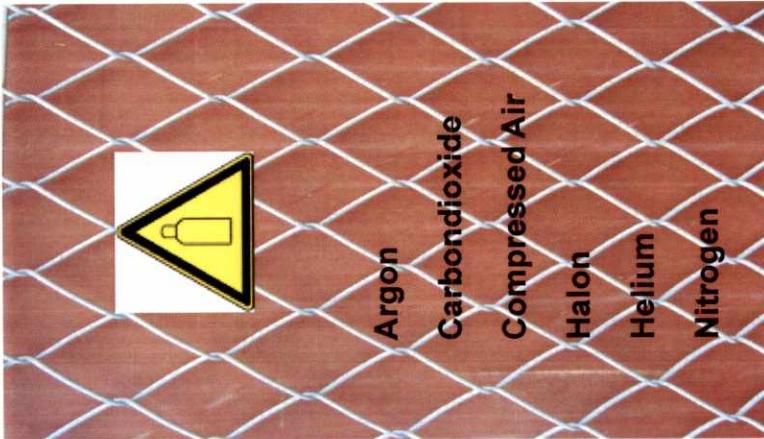
Place the respective warning triangle(s) on the front matching the HW hazards stored within.

**Example Labeling of Containers holding HW, the Connexes or Storage Cages in which the containers are stored, and the secured/fenced Work Area**

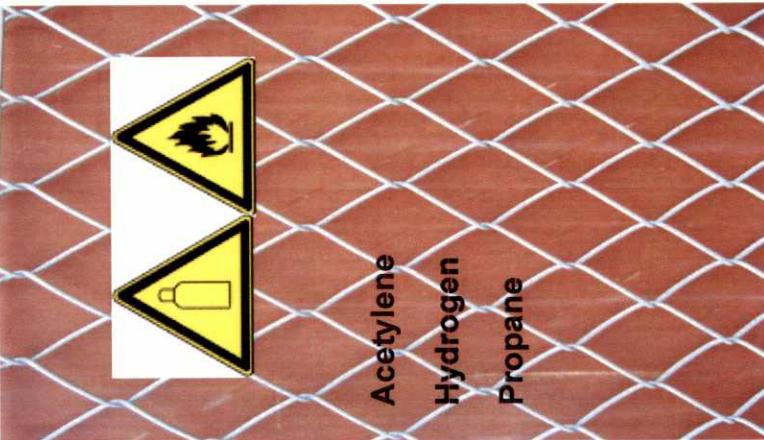


## Compressed Gas Storage (CGS)

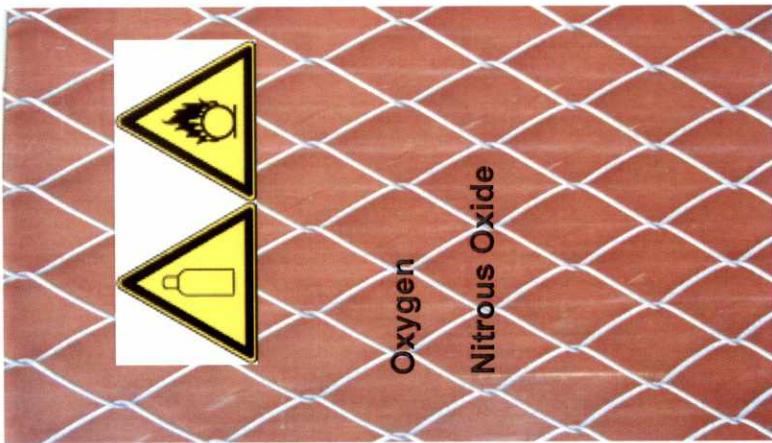
Non-Flammable



Flammable



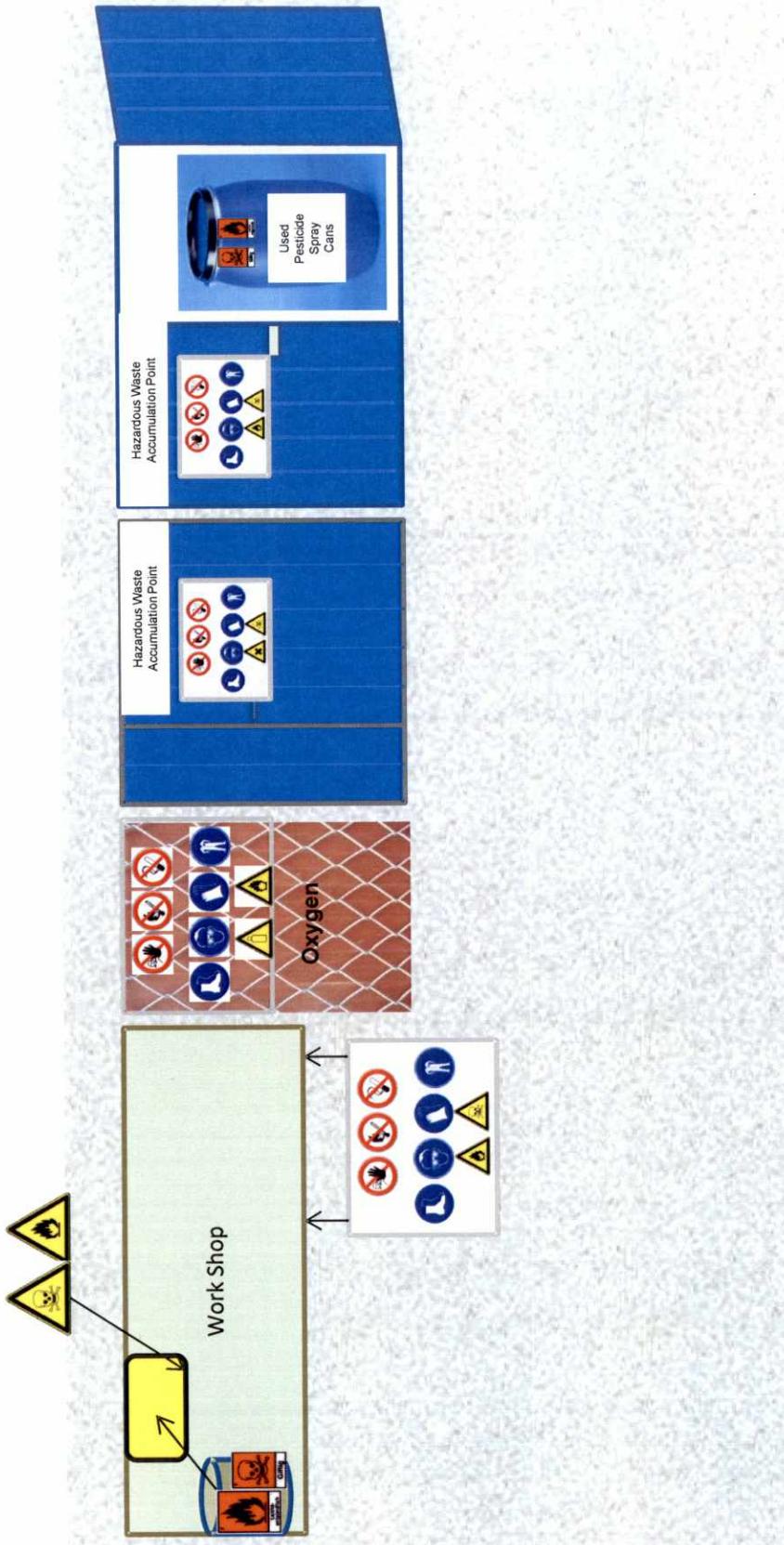
Oxidizer



Place the respective warning triangle(s), coinciding with the hazards of the contents, on center of door  
If cage is empty, remove all signage/symbols

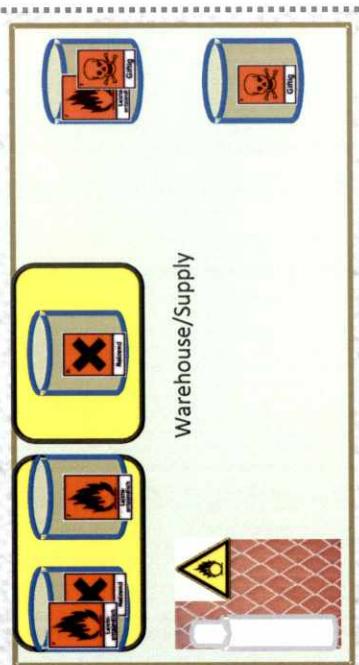
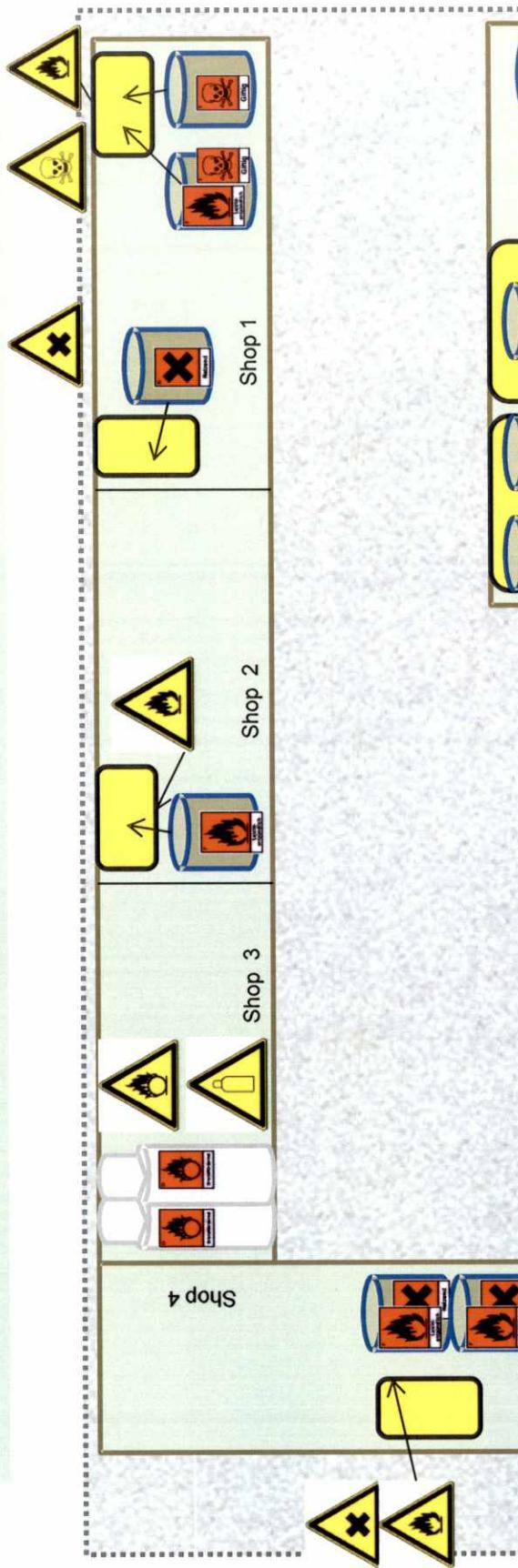
*Work Area 2 or 3*

## Example Labeling of HM or HW Usage, Handling, or Storage Facility in a non secured/fenced Work Area



The example work area is not secured by a surrounding fence and can be accessed at all times by anyone. Post a sign with Forbidden, Mandatory, and all Warning Symbols according to HM or HW hazard classes used, handled, stored, or generated at the entrance to each storage facility, connex, cage, or alike

**Example Labeling of multiple Work Places, services all involve HM or HW, in a single secured/fenced in Work Area**

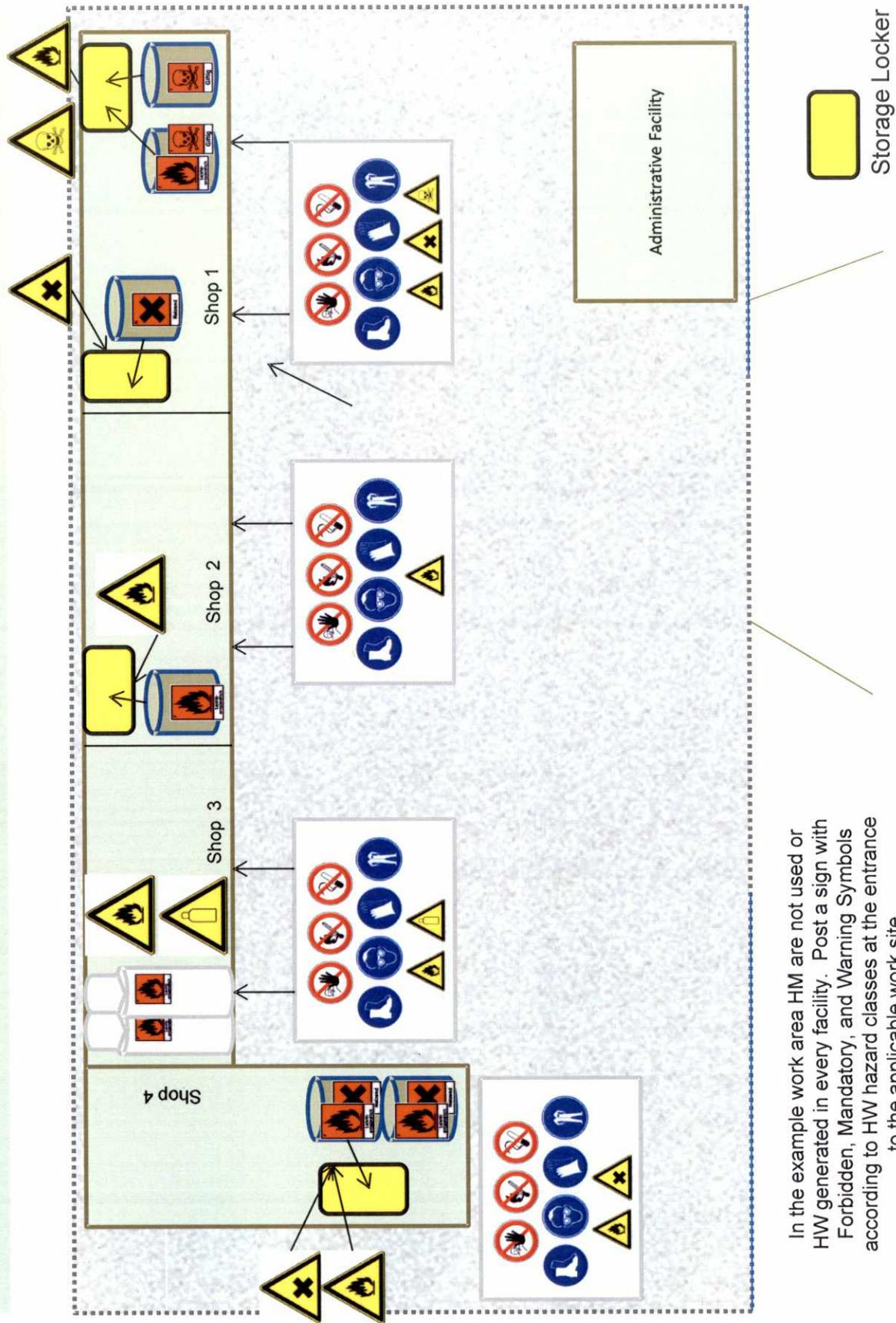


Storage Locker

In this example work area HM are used or HW generated in every facility. Post a sign at the entrance to the work area with Forbidden, Mandatory, and all Warning Symbols according to HM or HW hazard classes



**Example Labelling of multiple Work Places, some services do not involve HM or HW, in a single secured/fenced Work Area**



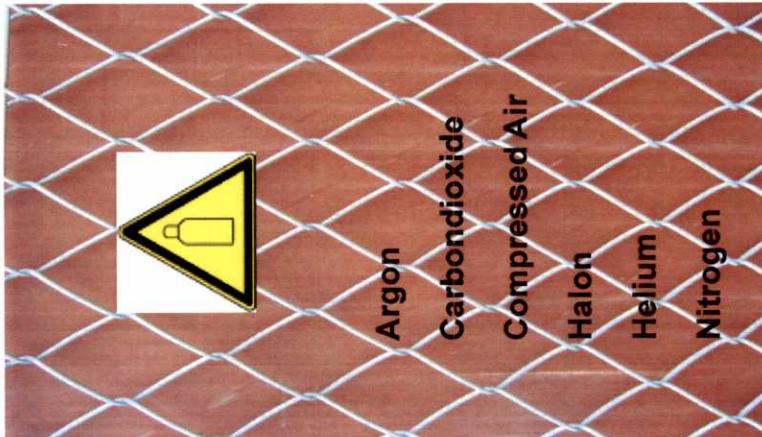
In the example work area HM are not used or HW generated in every facility. Post a sign with ForbIDDEN, MANDATORY, and WArNING Symbols according to HW hazard classes at the entrance to the applicable work site

# Compressed Gas Cylinder Storage

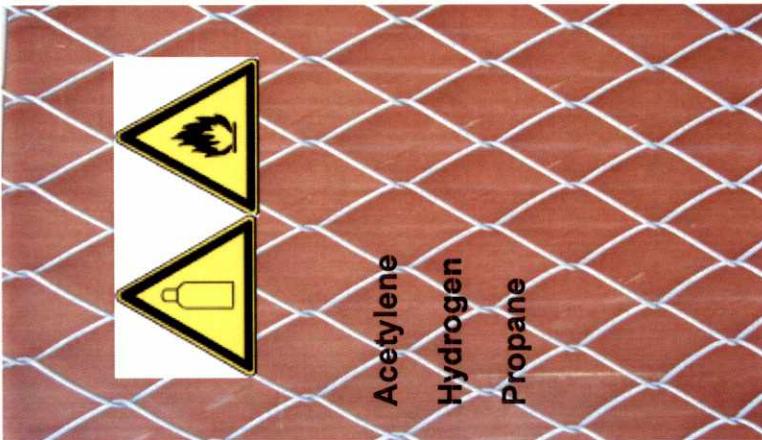
Assuming this is located in Work Area 1

## Compressed Gas Storage (CGS)

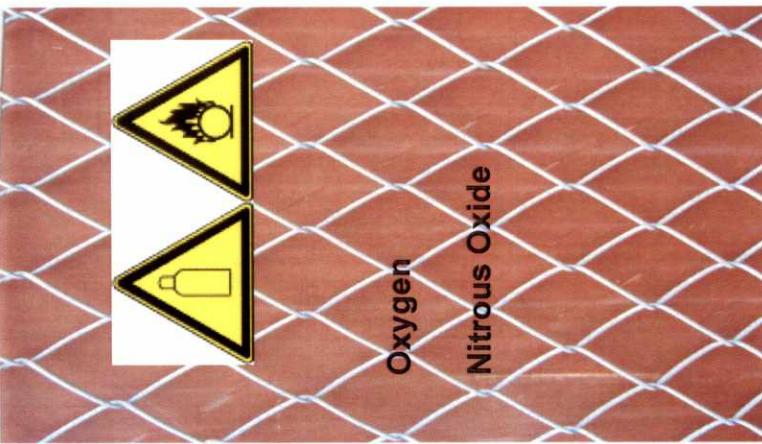
Non-Flammable



Flammable



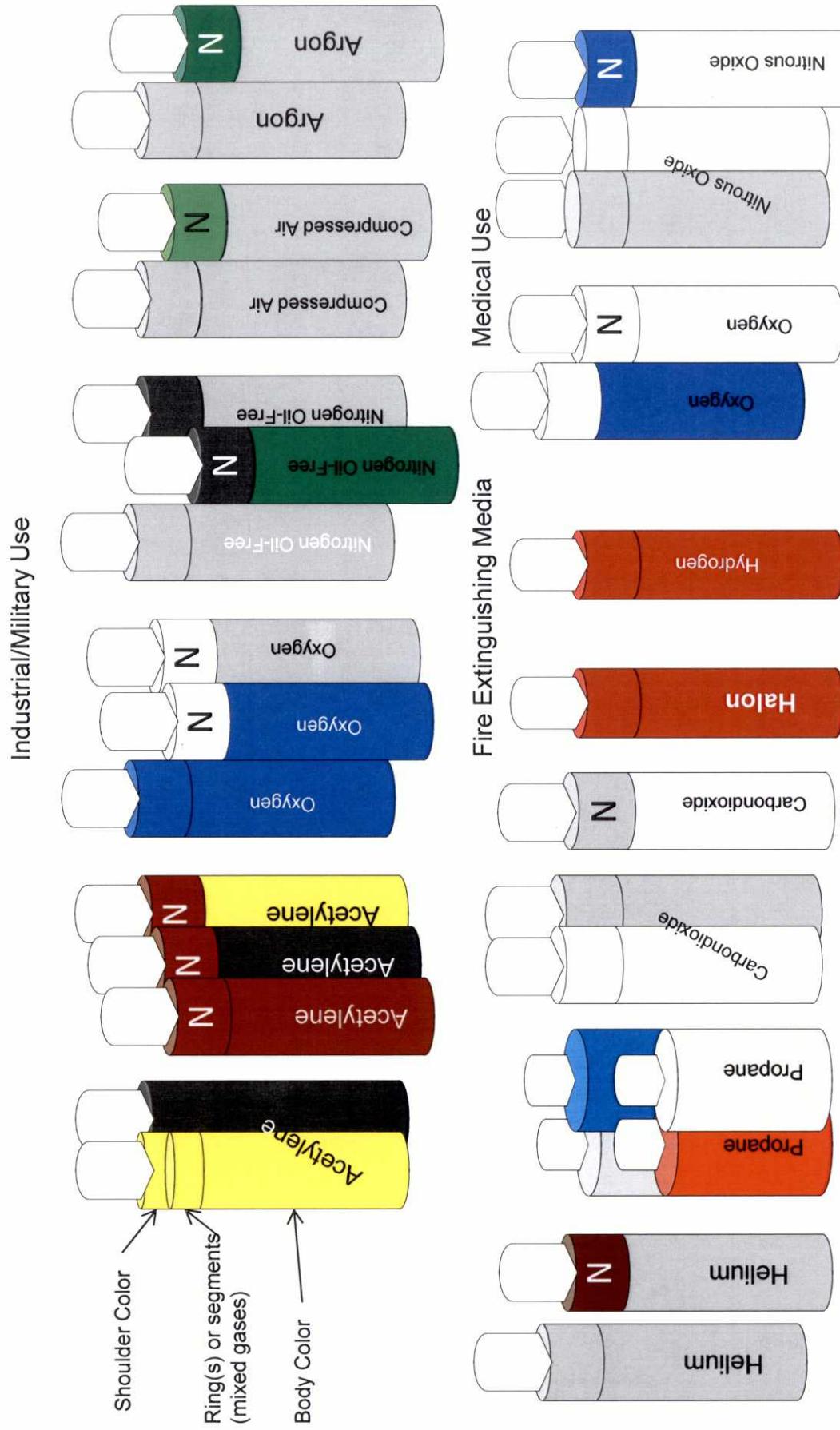
Oxidizer



Place the respective warning triangle(s), coinciding with the hazards of the contents, on center of door  
If cage is empty, remove all signage/symbols  
Cylinders shall be stored upright and prevented from falling, if necessary they must be chained or strapped  
Cylinders, when not in use must be capped  
FULL or EMPTY cylinders shall be handled the same  
Cylinders must be readily identifiable for name of gas or trade name, i.e. transportation label and/or stenciled in big black letters

# Old & New European Color Codes for Compressed Gas Cylinders

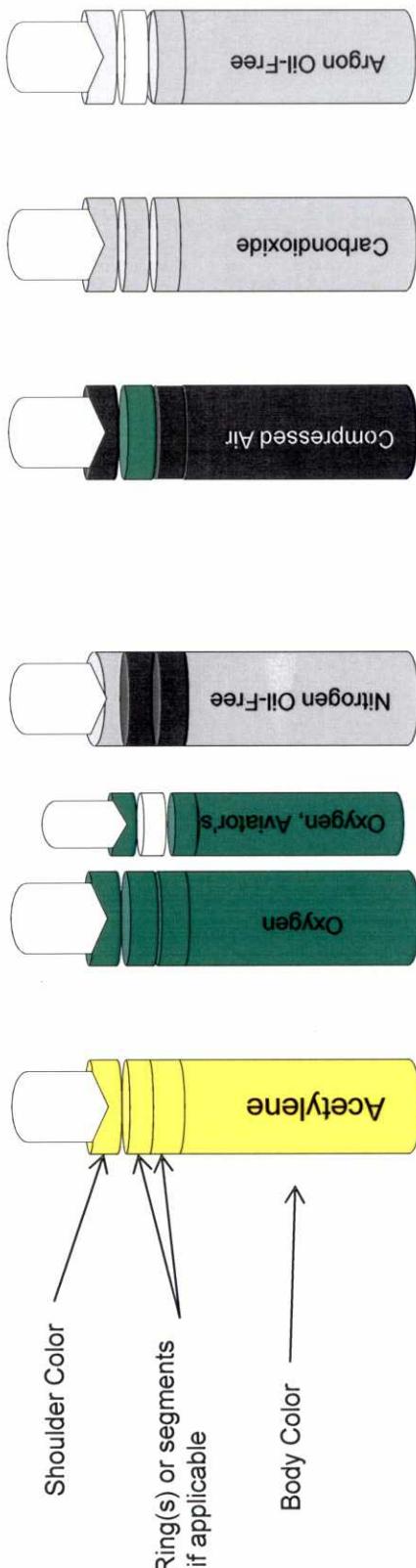
The CGC/chemicals listed are the most common cylinders received as HW. New cylinders may still have the letter "N" stenciled on it.



Halon was banned from new production, except for military use and air travel, as of January 1, 1994 as its properties contribute to ozone depletion and long atmospheric lifetime, usually 400 years. Halon was completely banned in Europe resulting in stockpiles being sent to the United States for reuse. Although production has been banned, the reuse is still permitted. Halon 1301 and 1211 are being replaced with new halocarbon agents which have no ozone depletion properties and low atmospheric lifetimes, but are less effective.

# MIL-STD-101B Color Codes for Compressed Gas Cylinders

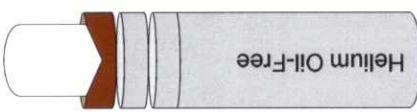
The CGC/chemicals listed are the most common cylinders requiring disposal. NOTE: It is illegal to dispose of EMPTY cylinders as scrap metal. **All cylinders shall be stenciled with name of gas**



## Fire Extinguishing Media



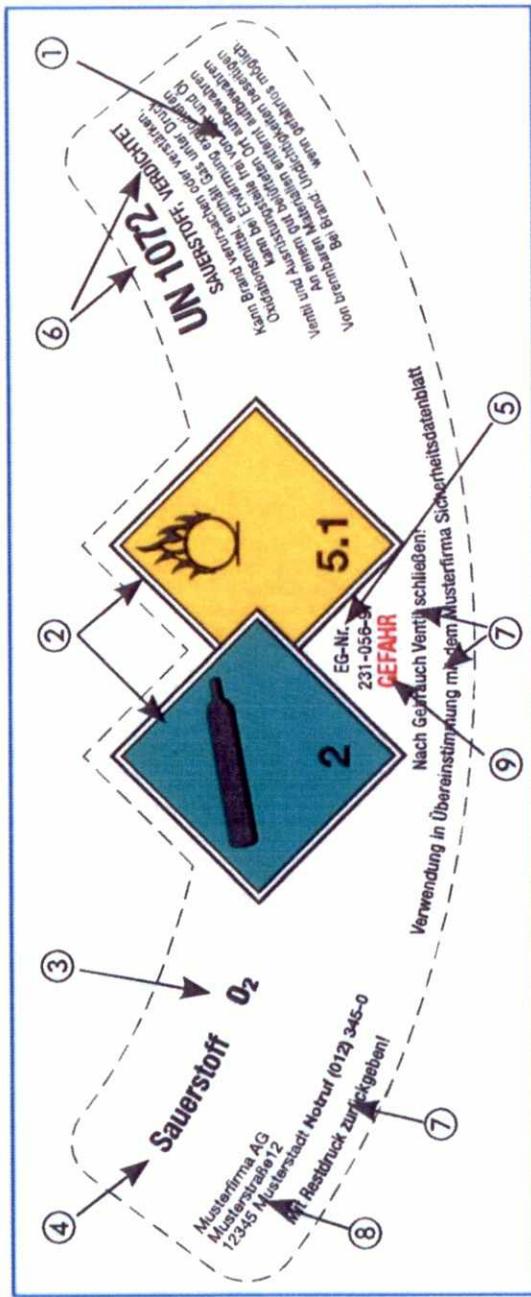
## Medical Use



Halon was banned from new production, except for military use and air travel, as of January 1, 1994 as its properties contribute to ozone depletion and long atmospheric lifetime, usually 400 years. Halon was completely banned in Europe resulting in stockpiles being sent to the United States for reuse. Although production has been banned, the reuse is still permitted. Halon 1301 and 1211 are being replaced with new halocarbon agents which have no ozone depletion properties and low atmospheric lifetimes, but are less effective.

# Transportation Labels on Compressed Gas Cylinder in Europe

They may vary in minimal aspects



1. Danger and Safety Information
2. Transportation label IAW ADR
3. i.e. mix of gases or purity of gas
4. Tradename
5. EG number not applicable when mixed gas
6. UN Number and Name of Substance
7. Instructions by Manufacturer
8. Name, Address, Telephone number of Manufacturer
9. Signal/Warning Word

# Segregation Requirements

## Chemical Storage and Segregation Tools

	Flammable	Corrosive	Irritant	Toxic	Oxidizer
Flammable	✓	✗	:(	✗	✗
Corrosive	✗	Avoid	✓	✗	✗
Irritant	:(	✓	✓	:(	✗
Toxic	✗	✗	:(	✓	✗
Oxidizer	✗	✗	:(	✗	✓

✓	Co storage is allowed
:(	Allowable, but not recommended
Avoid	Do not store alkali and acids together
✗	Not allowed

**DEPARTMENT OF THE ARMY**  
SEVENTH U.S. ARMY JOINT MULTINATIONAL TRAINING COMMAND  
TRAINING SUPPORT CENTER BAUMHOLDER  
UNIT 23746  
APO AE 09034

AEAGC-TD-SBA

Date:

**MEMORANDUM FOR RECORD**

**SUBJECT:** Certification of Turned In Residue

1. The undersigned Range Operations Personnel certify and Verify that the AEDA Residue, Range Residue, and/or Explosive Contaminated property listed has been 100 percent properly inspected and to the best of our knowledge and belief, are inert and/or free of explosives or other dangerous materials.
2. Point of contact for this memorandum is the undersigned at DSN: 485-XXXX/XXXX.

Certifier      XXXXXXXXXXXXXXXX  
                  GS-XXX-XX  
                  Tactical Training Safety Specialist,  
                  Training Support Center Baumholder

Verifier      XXXXXXXXXXXXXXXX  
                  XXX, USA  
                  USRCLD NCOIC  
                  Training Support Center Baumholder

ORDER FOR SUPPLIES OR SERVICES						PAGE 1 of 5	
1. CONTRACT/PURCHASE ORDER AGREEMENT NO. <b>SP442003D0055</b>	2. DELIVERY ORDER/CALL NO. <b>1111</b>	3. DATE OF ORDER/CALL <b>2007 SEP 24</b>	4. REQUISITION/PURCHASE REQUEST NO. <b>SEE SCHEDULE</b>	5. PRIORITY			
6. ISSUED BY <b>DEFENSE REUT&amp; MKT SVC/EUROPE POSTFACH 2027 65010 WIESBADEN GERMANY</b>		CODE <b>SP4420</b>	7. ADMINISTERED BY # (other than 8) <b>SUEZ MUELL TRANSPORT GMBH POSTFACH 2028 67210 FRANKENTHAL</b>	CODE <b>002307</b>	8. DELIVERY POB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule 7 Other)		
9. CONTRACTOR <b>SUEZ MUELL TRANSPORT GMBH POSTFACH 2028 67210 FRANKENTHAL</b>		FACILITY <b>0</b>	10. DELIVER TO FOB POINT BY (Date) <b>2007 OCT 09</b>	11. X IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN OWNED			
14. SHIP TO SP442003D0055-1111 CODE <b>SEE SCHEDULE</b>		15. PAYMENT WILL BE MADE BY <b>US BANK</b>	CODE <b>PWRTRK</b>	16. MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.			
16. DE TER PURCHASE	DELIVERY/ CALL	<p><input checked="" type="checkbox"/> This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.</p> <p><input type="checkbox"/> Reference your ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.</p> <p>Finish the following on terms specified herein.</p>					
NAME OF CONTRACTOR		SIGNATURE	TYPED NAME AND TITLE		DATE SIGNED (YYYYMMDD)		
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:							
17. ACCOUNTING AND APPROPRIATION DATA LOCAL USE <b>01 97X4930 5NRO 001 P900 25 S33181</b>						\$11,212.50	EUR 8,185.00
FOR ACCOUNTING PURPOSE ONLY EUR 0.730 = \$1.00							
18. ITEM NO.	19. SCHEDULE OF SUPPLIES/SERVICES			20. QUANTITY ORDERED	21. UNIT	22. UNIT PRICE	23. AMOUNT
0001	<b>DOCUMENT NOUM DTID ACC</b> <b>72677642 W81MDW0038, , W81MDW72600011 01</b> <b>( 10000 KG X \$0.62261 = \$6,226.10 )</b> <b>M21900 W81MDW0038, , , , NONE, NONE, POL</b> <b>CONTAMINATED SOLIDS , 1 EA 10 CBM NULDE,</b> <b>ASD=19-SEP-07, , , 8725, A# 1, 2 X</b> <b>' PICKUP ADDR &lt;W81MDW&gt; 222 CS BW SPT AUG</b>			10000	KG	EUR 0.45450	EUR 4,545.00
<input type="checkbox"/> quantity accepted by the government is <input type="checkbox"/> same as quantity ordered, indicate by X. <input type="checkbox"/> if different, enter actual quantity accepted below <input type="checkbox"/> quantity ordered and enclose			<b>24. UNITED STATES OF AMERICA</b> <i>Stephanie Hardison</i> <b>BY: STEPHANIE HARDISON ORD:</b>			25. TOTAL	EUR 8,185.00
						26. DIFF.	
						27. DIFFERENCES	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED AND CONFORMS TO <small>THE CONTRACT EXCEPT AS NOTED</small>							
28. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE				29. DATE (YYYYMMDD)	30. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT		
31. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE				32. SHIP. NO.	33. D.O. VOUCHER NO.	34. INITIALS	
35. TELEPHONE NUMBER		36. E-MAIL ADDRESS		37. PARTIAL	38. PAID BY	39. AMOUNT VERIFIED CORRECT FOR	
				39. FINAL			
40. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.				41. PAYMENT		42. CHECK NUMBER	
43. DATE (YYYYMMDD)		44. SIGNATURE AND TITLE OF THE CERTIFYING OFFICER		45. COMPLETE		46. BILL OF LADING NO.	
				46. PARTIAL			
				47. FINAL			
48. RECEIVED AT	49. RECEIVED BY (Print)		50. DATE RECEIVED (YYYYMMDD)	51. TOTAL CONTAINERS	52. SIR ACCOUNT NUMBER	53. SIR VOUCHER NO.	

continuation sheet		REFERENCE NO. DOCUMENT BEING CONTINUED SP442003D0055-1111			page of pages 2   5
NAME OF OFFICER OR CONTRACTOR		SUED MUELL TRANSPORT GMBH			
ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE
CLIN	DOCUMENT	NUMBER	DTID	ACC	AMOUNT
			UNIT 23746		
			APO AE		
	EPA WASTE CODE	UD QTY PICKED UP		UO UNIT OF ISSUE	
	MANIFEST	PG/LINE CODE		PICKUP DATE	
	MANIFEST	PG/LINE CODE		PICKUP DATE	
0002	72677643 W81MDW0060, , W81MDW72600010 01 ( 400 KG X \$0.63645 = \$254.58 ) N26200 W81MDW0060, , , , NONE, NONE, EMPTY PLASTCI CONTAINERS , 1 EA 10 CBM MULDE, , ASD=19-SEP-07, , 8725, A# 1, PICKUP ADDR <W81MDW>	400	KG	EUR 0.46460	EUR 185.84
	EPA WASTE CODE 15010 UD QTY PICKED UP 930		UO UNIT OF ISSUE		
	MANIFEST 34058 PG/LINE CODE		PICKUP DATE 28. Sep. 2007		
	MANIFEST PG/LINE CODE		PICKUP DATE		
0003	72677644 W81MDW0058, , W81MDW72600009 01 ( 1000 KG X \$0.63645 = \$636.45 ) N26000 W81MDW0058, , , , NONE, NONE, EMPTY 2X METAL CANS , 1 10 CBM MULDE, , ASD=19-SEP-07, . , 8725, A# 1, PICKUP ADDR <W81MDW>	1000	KG	EUR 0.46460	EUR 464.60
	EPA WASTE CODE UD QTY PICKED UP UO UNIT OF ISSUE				
	MANIFEST PG/LINE CODE		PICKUP DATE		
	MANIFEST PG/LINE CODE		PICKUP DATE		
0004	72677645 W81MDW0057, , W81MDW72600008 01 ( 2000 KG X \$0.45659 = \$913.18 ) N25700 W81MDW0057, , , , NONE, NONE, 3X ANTIFREEZE W DIRT/OIL/FUEL , 1 450 LTR ASF, , ASD=19-SEP-07, , 8725, A# 1, PICKUP ADDR <W81MDW>	2000	KG	EUR 0.33330	EUR 666.60

<b>continuation sheet</b>	REFERENCE NO. DOCUMENT BEING CONTINUED <b>SP442003D0055-1111</b>	page of pages <b>5   5</b>
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NAME OF OFFICER OR CONTRACTOR      **SUED MUELL TRANSPORT GMBH**

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
----------	-------------------	----------	------	------------	--------

CLIN					
0011	72677662 W8WDW0025, , W81WDW72600003 01 ( 3000 KG X \$0.76111 = \$2,283.33 ) W18000 W8WDW0025, , , , NONE, NONE, LEAD CONTAMINATED SOLIDS SHOOTING RANGE MATS , 1 1 X 10 CBM MULDE, , ASD=24-SEP-07, , , AS 1, PICKUP ADDR <W81WDW>	3000	KG	EUR 0.55560	EUR 1,666.80

EPA WASTE CODE 150203 UD QTY PICKED UP 2850 UD UNIT OF ISSUE L

MANIFEST 34060 PG/LINE CODE \_\_\_\_\_ PICKUP DATE 28 Sep. 2007

MANIFEST \_\_\_\_\_ PG/LINE CODE \_\_\_\_\_ PICKUP DATE \_\_\_\_\_

Kaiserslautern

Hansen

k632

PROMPT PAYMENT (MAR 1994) FAR 52.232-25

**Abfalltransporte**

AUTH TRANSPORTER NAME Abfalltransporte AUTH TRANSPORTER EPA # 608364389

GmbH & Co. KG

Gerolsteiner Str.

67257 Hemsbach

AUTH TSDF NAME 608446825

TRANS SIGNATURE Giegerich TRANS PRINTED NAME Giegerich

KTR SIGNATURE H KTR PRINTED NAME Holloman

AUTH COR SIGNATURE B AUTH COR PRINTED NAME BEER



# Übernahmeschein

zum Nachweis der Übernahme von Abfällen

Diese Ausfertigung (weiß) ist mit der Unterschrift  
des Beförderers/Entsorgers im Nachweibuch des  
Erzeugers/Beförderers bei Befördererwechsel abzuheften.

## Abfallbezeichnung<sup>1)</sup>

Aufsaug- und Filtermaterialien, vischlicher und Schutzkleidung mit  
Annahmehalterleihgaben, die unter 15 00 00 fallen

## Abfallschlüssel<sup>1)</sup>

1502031

## Erzeugernummer (soweit vorhanden)

10220303

## Entsorgungsnachweis-Nummer

VSCESMIT060029

## Beförderernummer (Übernahme vom Erzeuger)

108304380

## Ladezeit von ..... bis .....

28.07.2003

## Datum der Übernahme (Tag, Monat, Jahr)

28.07.2003

## Abfallerzeuger oder Beförderer bei Befördererwechsel (Name, Anschrift)

USG Baunholder AETV-BHR-EC

Smith Barracks, Geb. 8725  
55714 Baunholder, Stadt

## Unterschrift (als Versicherung der richtigen Deklaration)

## Frei für Vermerke

US RP D01111 N1800 ff 11  
10cb

ABCDEFIGHijklMNOPQR  
STUVWXYZ1234567890  
Bitte verwenden Sie diese Schreibweise:

CLSpag AG - Bestell-Nr. 2002-10 Debenahmeschein  
Tel.: 0 35 91/67 74-12 - 15 Fax 0 35 91/67 74-20  
info@formular.org, www.formular.org

<sup>1)</sup> Nach Abfallverzeichnis-Verordnung (AVV)

DATE:28-09-07 05:08:06 N:00154

Erstwiegung : 00960kg 00-00-00 00:00  
Zweitwiegung : <03810kg>  
Netto : 02850kg

MULDENNR. 308 MT:000

LKW-NR. MA LU 580

MULDENGR. 10

SORTE N18T 00

CLIN NUMBER	CLIN DESCRIPTION	U/M
<b>N0400-N0599</b>	<b>Batteries</b>	
N0400	Batteries, Lithium	KG
N0410	Batteries, Magnesium	KG
N0420	Batteries, Nickel-Cadmium	KG
N0430	Batteries, Mercury	KG
N0440	Batteries, Dry Cell Mixed, including (but not limited to) alkaline, carbon zinc and manganese, pre-sorted for disposal	KG
N0460	Batteries, containing Silver	KG
N0470	Batteries, Lead Acid, Drained and undrained	KG
N0480	Batteries, Gel filled (other than lead acid)	KG
<b>N0600-N0699</b>	<b>Cylinders/Cartridges</b>	
N0600	Compressed Gas Cylinders, including (but not limited to) chlorofluorocarbons, fluorine, bromine, acetylene, oxygen, and nitrogen (does not include chlorine)	KG
N0610	Cartridges, including but not limited to diesel starter, propane and butane	KG
N0620	Compressed Gas Cylinders, including but not limited to chlorofluorocarbons, fluorine, bromine, acetylene, oxygen, nitrogen, argon (does not include chlorine), damaged, unsuitable for transportation until repackaged.	KG
<b>N1300-N1399</b>	<b>Corrosive Acids</b>	
N1300	Inorganic Acids, including (but not limited to) nitric, phosphoric, sulfuric, and hydrochloric	KG
N1310	Organic Acids, including (but not limited to) acetic, formic, benzoic, and carboxylic	KG
<b>N1400-N1499</b>	<b>Corrosive Bases</b>	
N1400	Bases and Mixtures of Bases, liquid or solid, including, but not limited to, sodium hydroxide, potassium hydroxide, metal hydroxides	KG
N1410	Ammonia and Ammonia Compounds, liquid or solid, including (but not limited to) cleaning solutions, fertilizers and urea	KG
N1420	DS-2, Decontaminating Agent: Diethylenetriamine 70%, ethylene glycol mono methyl ether 28% and sodium hydroxide 2% (Demil required)	KG
<b>N1500-N1599</b>	<b>Chlorine Containing Wastes</b>	
N1500	Chlorine Containing Compounds, liquid, including (but not limited to) laundry bleach	KG
N1510	Chlorine Containing Compounds, solid, including (but not limited to) chlorinated lime and super tropical bleach [calcium hypochlorite]	KG
N1520	Disposal of Chlorine Gas in Cylinders	KG
<b>N1600-N1699</b>	<b>Alcohol and Solvents</b>	
N1600	Alcohol, including (but not limited to) methanol, isopropyl, and ethanol	KG
N1610	Solvents, non-halogenated, including (but not limited to) paint strippers, paint thinners, and dry cleaning solvents	KG
N1620	Solvent Sludge, non-halogenated, including (but not limited to) paint residue	KG
N1630	Solvents, halogenated, including (but not limited to) paint strippers, paint thinners, and dry cleaning solvents	KG
N1640	Solvent Sludge, halogenated, including (but not limited to) paint residue	KG
N1650	Solid waste contaminated with solvents and/or petroleum aromatic hydrocarbons, including but not limited to, soil, cardboard, wood, and rags	KG
N1660	Aromatic Hydrocarbons, including (but not limited to) toluene, benzene, and xylene	KG
<b>N1700-N1799</b>	<b>Printing and Photographic Wastes</b>	
N1700	Printing Products, halogenated and non-halogenated, including (but not limited to) toners and inks	KG
N1710	Photographic Products, halogenated and non-halogenated, including (but not limited to) fixers, bleaches, and developers	KG
<b>N1800-N1899</b>	<b>Heavy Metal Containing Wastes, including (but not limited to) mercury, chromium, chromium VI, lead, iron, and beryllium</b>	
N1800	Heavy metal contaminated solid waste including, but not limited to, soil, fly ash, activated carbon, sand blast or similar media, rubber from shooting ranges, firing range residue, mudtrap waste and streetsweep, containing contaminants including, but not	KG
N1810	Heavy metal contaminated liquid waste including, but not limited to, wash rack liquids, rinsate, and x-ray waste containing contaminants including but not limited to chromium, chromium VI, mercury, lead, iron, zinc, and beryllium	KG
N1820	Mercury, and mercury containing items including, but not limited to, mercury vapor lamps and dental amalgam	KG
N1830	Heavy metal contaminated solids; contaminants may include but are not limited to chromium, chromium VI, mercury, lead, iron, zinc, and beryllium. Items may consist of metal, wood, plastic, or paper.	KG
<b>N1900-N1999</b>	<b>Paint Waste</b>	
N1900	Paint, Non-Halogenated	KG
N1910	Paint, Halogenated	KG
N1920	Paint, Polyurethane, including (but not limited to) CARC paint	KG
N1930	Paint Related Waste, including (but not limited to) brushes, empty containers [plastic or metal], filters, textiles, and cardboard	KG
N1940	Putties/Fillers/Caulk, halogenated and non-halogenated	KG
N1950	Glues, Adhesives and resins, halogenated and non-halogenated	KG
<b>N2000-N2099</b>	<b>Pesticides, Herbicides, Fungicides, and Insecticides</b>	
N2000	Pesticides, Herbicides, Fungicides, and Insecticides, liquid, including (but not limited to) pure product, contaminated liquid, and creosote (organic and inorganic)	KG
N2010	Pesticides, Herbicides, Fungicides, and Insecticides, solid, including (but not limited to) pure product or mixtures of product (organic and inorganic)	KG
N2020	Pesticides, Herbicides, Fungicides, Insecticides, aerosol (organic and inorganic)	KG
<b>N2100-N2399</b>	<b>POL Waste</b>	
N2105	Waste used oils, petroleum and synthetic contaminated with, but not limited to, antifreeze, brake fluid, solvents, and sludge. Oils include, but not limited to, engine oil, transmission and lubricating oil, hydraulic oil, emulsions, and insulation and transformer oil, and synthetic oil.	KG
N2130	Oil, unused in various size containers including, but not limited to, transmission and lubrication oil, engine oil, insulation and transformer oil, and synthetic oil.	KG
N2170	Waste Fuel, including but not limited to diesel, gasoline, kerosene and aviation fuel. Contaminated with but not limited to brake fluid, antifreeze, water, dirt, solvents and sludges.	KG
N2180	Grease, including (but not limited to) automotive grease.	KG
N2190	POL Contaminated Solids, including (but not limited to) rags, absorbents, plastic containers, and activated carbon	KG
N2200	POL Contaminated Packaging Materials, including (but not limited to) paper, fiber, cardboard, and styrofoam	KG
N2210	Filters, may be contaminated with (but not limited to) fuel and oil	KG
N2220	POL Contaminated liquids and sludges including, but not limited to, wash rack and oil water separator waste.	KG
N2230	POL Contaminated Soil < 3% contamination	KG
N2240	POL Contaminated Soil, > 3% contamination	KG
N2250	Diethylene Glycol, including but not limited to brake fluid	KG
N2260	Oil/Water Separator - Evacuation and removal of contents, including (but not limited to) fuel, oil, water, and sediment.	KG
<b>N2400-N2899</b>	<b>Miscellaneous Waste Streams</b>	
N2400	Cyanide and Cyanide Containing Wastes, liquid or solid	KG
N2410	Tar/ Bitumen / Asphalt	KG
N2420	Aerosol Cans, ferric metal with harmful residual contents, no pesticides or polyurethane foam	KG

N2430	Polyurethane Foam, aerosol or solid	KG
N2440	Asbestos and Asbestos Bearing Items, including (but not limited to) brake shoes, safes, and file cabinets	KG
N2445	Fiberglass and Fiberglass Bearing Items, including (but not limited to) insulation for buildings, safes and file cabinets	KG
N2445A	Fiberglass and Fiberglass Bearing Items, including (but not limited to) insulation for buildings, safes and file cabinets (One time Removal)	KG
N2450	Non-industrial treatment plant sludge, non-infectious, including (but not limited to) waste water and drinking water plants	KG
N2460	Wood, treated with (but not limited to) creosote, PCP, pesticides, and paint	KG
N2470	Fire Extinguishing Residue, liquid and solid	KG
N2480	Fire Extinguishers Canisters, liquid or solid residue	KG
N2490	Talc	KG
N2500	Desiccants	KG
N2510	Salts, variable solubility	KG
N2520	Peroxides, liquids and solids	KG
N2525	EASY Decon, contains quaternary ammonium compounds (2.5% - 4%) and hydrogen peroxide solution (2.5% - 8% peroxide)	KG
N2530	Medicine, uncontrolled	KG
N2540	Light tubes and lamps including, but not limited to, fluorescent light tubes and sodium vapor lamps	KG
N2550	Detergents and soaps, solids and liquids, including (but not limited to) household and industrial products	KG
N2560	Cleaning Compounds, liquids and solids, including (but not limited to) furniture and equipment polish, rubbing compounds, metal cleaners, and wax	KG
N2570	Antifreeze and Anti-Icing Compounds, including but not limited to products containing ethylene glycol and propylene glycol that may be contaminated with (but not limited to) dirt, oil, water and fuel	KG
N2580	Chlorofluorocarbons, not including compressed gas	KG
N2590	Spill Residue, including (but not limited to) absorbents, rags, soil, and debris from clean-up of chemical spills (other than POLs)	KG
N2600	Containers, Metal < 50 cm, previous hazardous contents include (but not limited to) oil, paint, and acid	KG
N2610	Containers, Metal > 50 cm, previous hazardous contents include (but not limited to) oil, paint, and acid	KG
N2620	Containers, Plastic < 50 cm, previous hazardous contents include (but not limited to) oil, paint, and acid	KG
N2630	Containers, Plastic > 50 cm, previous hazardous contents include (but not limited to) oil, paint, and acid	KG
N2640	Cardboard Tubes coated with tar containing zinc	KG
N2650	Chemical Defense Equipment (DEMIL required)	KG
N2660	Flameless Ration Heaters, may contain magnesium or other water reactive chemicals	KG
N2670	Oxygen Generators Small, including but not limited to Oxygen Breathing Apparatus (OBA)	KG
N2680	Aluminized Glass, Chaff (Demil required)	KG
N2690	Sulfur	KG
N2700	Hydrazine, aqueous solution with not more than 22% hydrazine	KG
N2710	BondCote Fabrics, including but not limited to disposal of fabrics contaminated with heavy metals, including canvas tents and canvas tent accessories, such as tent flys, walls, floors, and roofs.	KG
N3000-N3199	<b>PCB Items</b>	
N3000	PCB Containing Items < 50 ppm including, but not limited to, transformers, capacitors, switches, soil, absorbent, debris, cables and textiles. May contain liquid.	KG
N3010	PCB Contaminated Liquids <50 ppm, including but not limited to oil and water	KG
N3020	PCB Containing Items 50-499 ppm including, but not limited to, transformers, capacitors, switches, soil, absorbent, debris, cables, and textiles. May contain liquid.	KG
N3030	PCB Contaminated Liquids 50-499 ppm, including but not limited to oil and water	KG
N3040	PCB Containing Items > 500 ppm, including (but not limited to) transformers, capacitors, switches, soil, absorbent, debris, and textiles. May contain liquid.	KG
N3050	PCB Contaminated liquid >500 ppm, including but not limited to oil and water.	KG
N3500-N3699	<b>Non-Hazardous Regulated Waste</b>	
N3500	Electronic Scrap, including (but not limited to) television sets, computers, stereo systems, and VCRs. (Nonappropriated Fund Activities Only.)	KG
N3510	Tires, rubber, with and without metal rims (Non-appropriated fund activities only).	KG
N3520	Structural debris, unsegerated( Containing hazardous substances requires segregation prior to disposal or recycling, including but not limited to wood,bricks,concrete,insulation materials, chalk.)	KG
N6000-N6099	<b>Transportation Services and Expedited Services</b>	
N6000	Expedited Removal Surcharge, removal of waste within 5 work days of delivery order/call	EA
N6010	Expedited Removal Surcharge, removal of waste within 2 work days of delivery order/call	EA
N6015	Expedited Removal Surcharge, removal of waste within 10 work days of delivery order/call	EA
N6016	Expedited Laboratory Analysis Surcharge, analytical results within 7 work days of delivery order/call	EA
N6040	Transportation Surcharge for Aschaffenburg-waste will not meet minimum on contract	JB
N6600-N6699	<b>Lab Analysis/Labels/Document Prep/Reports</b>	
N6600	Identification of Unknown liquids or solids for disposal classification. The CLIN includes sample collection and analysis and completion of a Hazardous waste Profile Sheet	EA
N6610	PCB Analysis of Electrical Equipment. CLIN includes sample collection and analysis.	EA
N6620	PCB Analysis of waste oil. The CLIN includes sample collection and analysis.	EA
N6621A	Perform pH Sampling and Analysis	EA
N6621B	Perform Sampling and Analysis for Chromium VI	EA
N6621C	Perform Sampling and Analysis for Cyanide content	EA
N6621D	Perform Sampling and Analysis for Nitrite content	EA
N6621E	Perform Sampling and Analysis for Arsenic content	EA
N6621F	Perform Sampling and Analysis for Lead content	EA
N6621G	Perform Sampling and Analysis for Cadmium content	EA
N6621H	Perform Sampling and Analysis for Copper content	EA
N6621J	Perform Sampling and Analysis for Zinc content	EA
N6621K	Perform Sampling and Analysis for Phenol content	EA
N6621L	Perform Total Organic Halogen Sampling and Analysis	EA
N6621M	Perform Sampling and Analysis for Heavy Metals (TCLP)	EA
N6621N	Perform Total Petroleum Hydrocarbon (TPH) Sampling and Analysis	EA
N6621P	Perform Sampling and Analysis to determine Flashpoint	EA
N6621R	Perform Sampling and Analysis to determine Heat Value (BTU)	EA
N6621S	Perform Sampling and Analysis for Mercury content	EA
N6621T	Perform Asbestos Sampling and Analysis	EA
N6621U	Perform Sampling and Analysis for Organics to determine Volatile (<100 Deg. C) and semi-volatile (100 - 300 Deg. C) organics	EA
N6621V	Perform Sampling and Analysis for percent Water	EA
N6621W	Perform Sampling and Analysis for Melting Point	EA

N6621X	Perform Sampling and Analysis for Boiling Point	EA
N6630	Preparation of DD-1348-1A	EA
N6635	Certificate of Destruction	EA
N6650	Preparation of annual Host Nation Environmental Reports, including but not limited to Abfallbilanz report.	EA
N6660	Containment labels, self adhesive and weather resistant	EA
N6670	LAGA sampling of soil, up to 30 CM.	EA
N6670A	LAGA sampling of soil, 31-60 CM.	EA
N6670B	LAGA sampling of soil, 61-100 CM.	EA
N6670C	LAGA sampling of soil, 101-250 CM.	EA
N6670D	LAGA sampling of soil, 251-300 CM.	EA
N6670E	LAGA sampling of soil, 301-400 CM.	EA
N6670F	LAGA sampling of soil, 401-600 CM.	EA
N6670G	LAGA sampling of soil, 601-900 CM.	EA
N6670H	LAGA sampling of soil, 901-1200 CM.	EA
N6670I	LAGA sampling of soil, 1201-1500 CM.	EA
N6670J	LAGA sampling of soil, 1501-1800 CM.	EA
N6670K	LAGA sampling of soil, 1801-2100 CM.	EA
N6670L	LAGA sampling of soil, 2101-2400 CM.	EA
N6670M	LAGA sampling of soil, 2401-2700 CM.	EA
N6670N	LAGA sampling of soil, 2701-3000 CM.	EA
N6670O	LAGA sampling of soil, greater than 3000 CM.	EA
<b>N6700-N6899</b>		<b>Rental and Purchase of Containers</b>
N6700	Purchase of 30 Liter Containers, UN approved for hazardous solids METAL	EA
N6705	Purchase of 30 Liter Containers, UN approved for hazardous solids PLASTIC	EA
N6710	Purchase of 30 Liter Containers, UN approved for hazardous liquids METAL	EA
N6715	Purchase of 30 Liter Containers, UN approved for hazardous liquids PLASTIC	EA
N6720	Purchase of 60 Liter Containers, UN approved for hazardous solids METAL	EA
N6725	Purchase of 60 Liter Containers, UN approved for hazardous solids PLASTIC	EA
N6730	Purchase of 60 Liter Containers, UN approved for hazardous liquids METAL	EA
N6735	Purchase of 60 Liter Containers, UN approved for hazardous liquids PLASTIC	EA
N6740	Purchase of 60 Liter Containers with valves, UN approved for spray cans METAL	EA
N6745	Purchase of 60 Liter Containers with valves, UN approved for spray cans PLASTIC	EA
N6750	Purchase of 120 Liter Containers, UN approved for hazardous solids METAL	EA
N6755	Purchase of 120 Liter Containers, UN approved for hazardous solids PLASTIC	EA
N6760	Purchase of 120 Liter Containers, UN approved for hazardous liquids METAL	EA
N6765	Purchase of 120 Liter Containers, UN approved for hazardous liquids PLASTIC	EA
N6770	Purchase of 120 Liter Containers with Valves, UN approved for spray cans METAL	EA
N6775	Purchase of 120 Liter Containers with Valves, UN approved for spray cans PLASTIC	EA
N6780	Purchase of 200 Liter Containers, UN approved for hazardous solids METAL	EA
N6785	Purchase of 200 Liter Containers, UN approved for hazardous solids PLASTIC	EA
N6790	Purchase of 200 Liter Containers, UN approved for hazardous liquids METAL	EA
N6795	Purchase of 200 Liter Containers, UN approved for hazardous liquids PLASTIC	EA
N6820	Purchase of Overpack for 200 Liter Drum, UN approved for solids and liquids	EA
N6830	Purchase of Big Bags, 1 cbm, UN Approved for hazardous waste	EA
N6900	Waste Segregation and Packaging/Repackaging/Inventory, minimum order 50 kg	KG
N6910	Lab Packs, packaging and disposal of organic and inorganic chemicals and reagents from school or medical laboratories.	KG
N6905	Segregation, packaging, repackaging, inventory, labeling for transportation according to European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR) of cylinders containing Chlorfluorcarbons or CFCs(Freon) and Halons	KG
N6920	Container Labels, self-adhesive for government owned containers. Minimum quantity 25	EA
N7010	Tank Cleaning Services, interior of small tanks (<10,000 liters capacity), requires the use of high-pressure hot/cold water power washers, does not include disposal cost of the rinsate.	HR
N7051	Purchase of Single signature Card with 3 year Certificate including Registration of Card Holder into the ZKS system	EA
<b>N8000-N8199</b>		<b>Freon Containing Items</b>
N8000	Removal and recycling/disposal of freon containing appliances, including (but not limited to) refrigerators/freezers, air conditioners, ice machines, and cooling units. Maximum dimensions: 90cm H x 70cm W x 60cm D	EA
N8010	Removal and recycling/disposal of freon containing appliances, including (but not limited to) refrigerators/freezers, air conditioners, ice machines, and cooling units larger than dimensions of N8000 and up to maximum dimensions: 200cm H x 100cm W x 100cm	EA
N8020	Removal and recycling /disposal of freon containing appliances including, but not limited to walk in freezers and supermarket display cases all greater than 200 cm in either height, width or depth (disassembly required where necessary).	EA
N8030	Removal and recycling/disposal of insulation / doors / panels of walk-in freezers. Parts may be up to 250 cm in height.	EA
N8040	Removal and Disposal of Freon containing appliances (Walk in Freezers) sizes of 20 FT containers	EA

## MEMORANDUM FOR Hazardous Waste Storage Facility Primary and Assistant Manager

SUBJECT: USAG Baumholder Hazardous Waste (HW) Analysis Plan

## 1. References:

- a. Final Governing Standards Germany (G-FGS), C6.3.3.3.1, February 2010
- b. Army in Europe Regulation (AER) 200-1, C6-5.b.(2), 26 October 2007

## 2. Purpose:

- a. The purpose of this plan is to provide the Hazardous Waste Storage Facility (HWSF) manager and HWSF personnel guidance on how and when to analyze HW. This plan provides procedures for characterization and verification testing of both on-site and off-site (HW). This plan is included as an appendix to the USAG Baumholder Hazardous Waste Management Plan.

## 3. Procedure for Waste Verification:

- a. Generating activities will provide HWSF manager/personnel a Hazardous Waste Profile Sheet (HWPS) that identifies and characterizes incoming waste to include the processes that created the waste.
- b. Before accepting the waste, HWSF Manager/personnel shall:
  - (1) Visually inspect the waste to ensure it matches the description provided.
  - (2) Ensure that no waste is accepted for storage unless a HWPS is provided, or is available and properly referenced.
  - (3) Request a new HWPS from the generating activity if there is reason to believe that the process generating the waste has changed.
- c. Prior to waste being shipped off-site, it shall be periodically sampled and analyzed to ensure waste characteristics match the waste description on the HWPS.
- d. Should a HWPS not be available at turn-in, generator shall provide available information on process that created waste and known contents to initiate preparation of a HWPS.

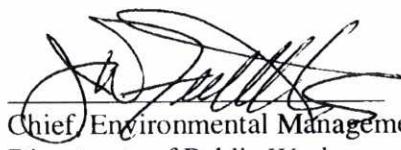
## 4. Procedure for turn in of Unknown Waste:

IMEU-BMH-PWE

03 December 2010

SUBJECT: USAG Baumholder Hazardous Waste (HW) Analysis Plan

- a. Initial identification of unknown wastes shall be based on generator's knowledge of the processes that created the waste and known or suspected physical, chemical, or other descriptive properties of the waste.
  - b. The Identification of Unknown Wastes disposal contract line item shall be applied to sample and analyze unknown wastes for applicable hazardous waste characteristic parameters.
  - c. Laboratory results shall classify the unknown waste for disposal facility acceptance and facilitate completion of a hazardous waste profile sheet.
5. Primary POC for this plan is Mrs. Sheetz, HWSF Manager, USAG Baumholder, DSN 485-6858, brigit.sheetz@eur.army.mil. Alternate POC for this plan is Mr. Eichmann, Assistant HWSF Manager, USAG Baumholder, DSN 485-6858, ingo.eichmann@eur.army.mil.



Chief Environmental Management Office  
Directorate of Public Works



## Hazardous Waste Turn-In Received: 20-Jan-12



Shipped From: [REDACTED]

Name: [REDACTED]

Bldg. #: [REDACTED]

Tel.#: [REDACTED]

Generator's Statement: I hereby certify, that to the best of my knowledge, all hazardous materials/wastes turned in have been properly identified. All known or suspected hazards have been disclosed.

**NOTE: This Document must be kept on file for three (3) years from date of issue!**

### GENERATOR'S SIGNATURE

Shipped to: Directorate of Public Works, "Central" Hazardous Waste Collection Point, Bldg.# 8468, APO AE 09034

### RECEIVER'S SIGNATURE

NSN	Qty	Type	U/I	Cont. #	REMARKS
<b>Nomenclature</b>					
6135-00-DRYCELM	15	EACH	VAR	51629	
BATTERIES, DRYCELL MIXED					
9999-00-MERCCO	12	BAG	VAR	AMG12	
MERCURY & MERC. CONTAINING COMPOUNDS, VAPOR LAMPS, DENTAL AMALGAM					
8010-00-AEROSOL	4	EACH	VAR	SP35	
SPRAY CANS, NO PESTICIDES OR POLYURETHANE FOAM					