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SPANGDAHLEM AB (USAFE)**

**SPANGDAHLEM AIR BASE
INSTRUCTION**



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Materiel Management
**ROAD TRANSPORTATION OF
DANGEROUS GOODS ON AND OFF
SPANGDAHLEM AB**

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This instruction implements Air Force Policy (AFPD) 23-1, *Materiel Management* and applies to all Air Force and tenant units, military and civilian personnel transporting or arranging for the transport of dangerous goods inside or outside Spangdahlem Air Base and associated Geographically Separate Units (GSUs). This instruction implements and extends USAFE-AFAFRICAI 23-104, *USAFE-AFAFRICA Command Dangerous Goods Program* and provides guidance for the safe transportation of dangerous goods by road, rail or sealift, as defined in DTR 4500.9-R (*Defense Transportation Regulation*) Part II, ADR (*Agreement Concerning the International Carriage of Dangerous Goods by Road*), RID (*Regulations concerning the International Carriage of Dangerous Goods by Rail*), IMDG-Code (*International Maritime Dangerous Goods Code*), and host nation regulations. It describes the training requirements and the duties and responsibilities of personnel involved in the carriage of dangerous goods. In context of this instruction, the term dangerous goods include ammunition, explosives, dangerous goods, and hazardous waste regulated in dangerous goods regulations (ADR/RID/IMDG-Code), unless otherwise identified. This instruction does not apply to on-base carriage of ammunition and explosives which do not leave the installation or transportation of dangerous goods within restricted storage areas, aerial ports, or flight lines. The Installation Dangerous Goods Advisor (IDGA) will review this instruction annually to ensure accuracy of the document. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*;

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SUMMARY OF CHANGES

This instruction has been revised and must be completely reviewed. The title of the instruction has changed due to the expanded functions and responsibilities described therein. It reflects changes in USAFE-AFAFRICAI 23-104, *USAFE Command Dangerous Goods Program* redesigned to describe a two-tiered program with revised responsibilities between USAFE A4R Command Dangerous Goods Program and subordinate Wings. Minor changes in **Chapter 1**, Chapters **6 – 9**, Attachments **25 – 27**, and major changes in **Chapter 13** which now addresses the additional duties and responsibilities of personnel in accordance with rail and maritime transportation regulations.

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Chapter 1

TRANSPORTATION OF DANGEROUS GOODS (DG)

1.1. Purpose and Overview. This instruction is based on USAFE-AFAFRICAI 23-104, Command Dangerous Goods Program (CDGP), ADR/RID 1.8.3 and German Dangerous Goods Advisor Regulation (Gefahrgutbeauftragtenverordnung - GBV), which requires the implementation of an Installation Dangerous Goods Management Program (DGMP) on Spangdahlem AB (incl. GSUs). This instruction applies to all units/sections moving or offering DG for on- or off-base transportation (incl. receipt of DG). It applies to the movement of DG on the installation other than restricted areas of munitions storage, aerial ports, or flight lines. The Defense Transportation Regulation (DTR) DOD 4500.9R, Chap 204, Para C 2 directs services to comply with applicable Status of Forces Agreements (SOFA) and Host Nation (HN) requirements when moving dangerous goods off-the-installation. IAW the CDGP, the Installation Commander, determines the requirements for on-installation transportation of regulated amounts of DG, as defined in this instruction. On-installation transportation of DG applies to roads controlled by the installation, and access to the road is always restricted through the use of gates and/or guards. With the exemption of **Chapter 10**, unless stated otherwise, all Chapters and attachments of this instruction apply to off-base transportation of DG. Chapters, Paragraphs or Attachments marked 'GE-only' do not apply to GSUs located outside Germany. This publication may not be supplemented or altered. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Form 847s form the field through the appropriate functional chain of command. Specific to Germany, the supplementary agreement (SA) to the SOFA, Article 57, Section 3 regulates a force and a civilian component to observe the regulations on the transport of dangerous goods. (T-0).

1.2. Responsibilities and duties . Responsibilities and duties of the Wing/Installation Commanders, Wing/Installation Dangerous Goods Advisors (IDGAs), Unit Commanders and Dangerous Goods Certifying Officials (DCOs), are prescribed in the CDGP and are supplemented by this instruction as required by local regulations. Squadrons assigned to 52FW, 726 AMS, including GSUs, and tenant units stationed on Spangdahlem AB with responsibilities and duties according to CDGP are listed in **Attachment 26**. Duties and responsibilities described in **Attachment 26** are subject to review by the IDGA and may be adjusted, based on mission requirements and changes thereto, and on information gained during IDGA forms. In general, all personnel involved in activities relating to the movement of DG must ensure all safety requirements are met. Commanders of tenant units may implement their own instructions to organize the duties and responsibilities identified in the CDGP and IDGP, and as directed and coordinated within their own command structure. **Note:** The premises identified in Section 1.1 of this instruction in relation to the SOFA, Article 57, cannot be modified w/o coordination through the USAFE-AFAFRICAI CDGA office. (T-1).

1.2.1. Installation Commander. The overall responsibility for the transportation of DG rests with the 52 FW/CC. Duties and responsibilities of the installation commander are described in USAFE-AFAFRICAI 23-104. (T-2).

1.2.2. Unit Commanders. Unit Commanders are responsible to manage the DG program at their level on behalf of the Installation Commander. Unit commanders will ensure that assigned personnel complies with obligations and provisions specified in this instruction. Duties and responsibilities of the unit commander are described in Paragraph [13.3.10](#) and [13.4.10](#) (T-2).

1.2.3. Dangerous Goods Advisors (DGAs).

1.2.3.1. The Installation Dangerous Goods Advisor (IDGA) manages the implementation and execution of the Dangerous Good Management Program (DGMP) on Spangdahlem AB (incl. GSUs), as described and directed by USAFE-AFAFRICAI 23-104. In this capacity, the IDGA acts as a consultant to the 52 FW/CC and subordinate units and is responsible for implementing local requirements concerning the carriage of dangerous goods. Both IDGAs (primary and alternate) need to be 66ed by the 52 FW/CC in writing. The IDGA office is assigned to 52 MSG; Location bldg. 151, DSN 314-452-6782. Primary and alternate IDGA provide on-call duty (24/7) to support on-scene commanders and units in case of a DG related movement accident of incident. IDGAs will ensure that 'notifications of occurrences involving dangerous goods' are documented immediately and reported as required by host nation regulations (T-0). Units may contact 52 FW Command Post at DSN 314-452-6141 for IDGA assistance if required after regular duty hours or on weekends. Duties and responsibilities of the IDGA according to this instruction are described in Paragraph [13.3.11](#) and [13.4.11](#) (T-2).

1.2.3.2. Unit Dangerous Goods Advisors (UDGAs), are executing the Dangerous Goods Program, described in USAFE-AFAFRICAI 23-104 and this instruction on behalf of the Unit Commander. Unit Commanders remain ultimately responsible. [Attachment 30](#) lists the self-inspection MICT checklist to be used by UDGAs to ensure general compliance with the CDGP. (T-2). CDGP related documents shall be filed as structured and described in [Attachment 30](#). Duties and responsibilities of the UDGA, according to this instruction, are described in Paragraph [13.3.12](#) and [13.4.12](#) (T-2).

1.2.4. Dangerous Goods Certifying Officials (DCOs) are ensuring compliance with DG regulations. DCOs must be appointed in writing by the responsible unit commander. Duties and responsibilities of the DCOs are described in Paragraphs [13.3.13](#) and [13.4.13](#) (T-2).

1.3. Scope. Surface transportation of DG with U.S. military vehicles, on or off Spangdahlem Air Base, must comply with the safety provisions set forth in this instruction and to the provisions of the Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR). The delivery, pick-up and carriage of dangerous goods on the installation with vehicles operated by contractors (incl. carriage of dangerous goods by craftsmen) must comply with the provision of the GGVSEB (German ordinance regulating the movement of DG by road, rail, inland waterways) and ADR. Carriage of DG in a transport chain including road, rail, maritime or air carriage, must comply with the requirements of the ADR, RID, IMDG-Code or ICAO-TI, as applicable. This instruction does not describe the requirements for air carriage (subject to ICAO-TI of AFMAN 24-604), nor that the instruction apply to on-base transportation of explosives or ammunition unless assets are marked and prepared for off-base transportation. For on-base only carriage of ammunition and explosives, refer to AFMAN 91-201 and corresponding USAFE Sup1. In areas where the Defense Transportation Regulation (DTR), Part II (DOD 4500.9-R) is more stringent than the ADR, the DTR Part II applies for movements of dangerous

goods on the installation (T-0). **Note:** Organizations moving dangerous goods on Spangdahlem Air Base must keep a current copy of the ADR on file. The most current version of the ADR (PDF file) may be downloaded from the following website: <http://www.unece.org/trans/danger/danger.html>.

Chapter 2

PREPARATION AND CARRIAGE OF DANGEROUS GOODS

2.1. Sequence of Operations. Units releasing DG for transportation will comply with the following steps: **Note:** *Applicability Codes: 1= Shipper, 2= Consignor, 3= Packer, 4= Loader/Filler/Unloader, 5= Carrier, 6= Driver, 7= Consignee/Receiver (see **Chapter 13** for details concerning the duties and responsibilities of personnel involved in the carriage of DG). **Note:** See subsection 1.1.4.2 of the ADR/RID for additional requirements and deviations concerning the carriage of DG in a multimodal transport chain that includes *maritime or air carriage*, not covered by **Chapter 2** of this instruction.

2.1.1. Step 1 – Training. Unit Commanders will ensure only qualified personnel, trained, and appointed according to **Chapter 6**, will be used for preparation and movement of DG. Personnel must be trained before working preparation or movement activities. (T-0).

2.1.2. Step 2 – Identify Material (*1). Determine whether an article or substance is hazardous and, if so if it is authorized for transport. (T-0). Proper information may be obtained from one of the following data files/sources:

2.1.2.1. Manufacturer, Shipper, Ordering Party of the Shipper

2.1.2.2. HMIRS (Hazardous Material Information Resource System)

2.1.2.3. EESOH-MIS (Enterprise Environmental Safety and Occupational Health-Management system)

2.1.2.4. SDS (Safety Data Sheet)

2.1.2.5. JHCS (Joint Hazardous Classification System)

2.1.2.6. Technical Directives or Orders

2.1.2.7. IHC (Interim Hazard Classification). In case items are moved under an IHC internationally for the purpose of testing by NATO or DOD agencies outside the US, the IHCs issued by DOD agencies listed in DTR Part II, Ch 204, must be verified by the host nation competent authority (HNCA). Units must be prepared to pay for the approval document of the HNCA. The IHC HNCA verification process is identified in the CDGP.

2.1.3. Step 3 – Identify Contents of DG (*1). Obtain the following information from sources outlined in ‘Step 2’ and forward the data to the ‘Consignor’ so that they can determine the proper shipping requirements IAW **Part 3**, Table A, ADR. (T-0):

2.1.3.1. UN Number (always required)

2.1.3.2. Proper Shipping Name (always required)

2.1.3.3. Hazard Class (always required)

2.1.3.4. Classification Code (only required for Class 1)

2.1.3.5. Technical Name (only if PSN includes the term ‘N.O.S.’ and Special Provision SP274)

2.1.3.6. Packaging Group (if assigned)

2.1.4. Step 4 - “Shipment Planning” (*2). Use information obtained through Steps 2-3 to determine item-specific requirements/provisions prescribed in the Dangerous Goods List of **Chap 3.2, Table A**, ADR. Columns 1-20, Table A, ADR provide the necessary information required for the packaging, labeling, marking, and carriage of DG. Identify waivers, exemptions, limited and accepted quantity limits (Columns 7a, 7b, and 15) that may partially or totally exempt DG from the requirements of ADR. Review **Chapter 10** and **Chapter 11** for local requirements (e.g., routing permits or waivers). (T-0). **Note:** Checklists described in **Chapter 9** shall be used by shippers, consignors, loaders, or carriers of DG to ensure compliance with DG movement regulations.

2.1.5. Step 5 – Packaging (*1, *2,*3). Prepare DG for surface road transportation. Type of package, packaging requirements, marking, and labeling must comply with:

2.1.5.1. Consignment procedures described in Parts **4, 5 & 6**, ADR (T-0).

2.1.5.2. CLP marking requirements are described in **Chapter 8** of this instruction.

2.1.5.3. Appropriate airlift or sealift regulations (i.e., IATA, IMDG-Code, AFMAN 24-604) if the material is moved in a multimodal transportation chain (IAW 1.1.4.2, ADR). (T-0).

2.1.6. Step 6 – Documentation (*2). Prepare transport documents and other supporting documents in accordance with **Chapter 7** of this instruction. (T-0). Comply with ‘Step by Step’ Instructions and supporting documents when preparing a shipment that is required by Chapter 5.4 of the ADR as described in **Attachment 19**. (T-3)

2.1.7. Step 7 – Miscellaneous Equipment and Fire-Extinguishers (*5). Every placarded vehicle carrying DG must be equipped with fire extinguishers and miscellaneous equipment as described in **Chapter 5**, Tables **5.2** and **5.3** of this instruction (T-0).

2.1.8. Step 8 – Compatibility (*4, *6) Packages bearing different hazard labels may only be loaded together in the same vehicle or container if permitted by compatibility tables outlined in Chapter. 7.5, ADR. (T-0).

2.1.9. Step 9 – Type of vehicles (*4, *5). DOD non-tactical vehicles, tank vehicles, trailers, and semi-trailers that transport DG defined in Table A, **Ch. 3.2**, ADR must be in good structural and mechanical condition and authorized for carriage of DG according to DOD and established Air Force regulations/policies. Off-base restriction; only vehicles carrying an ADR certificate of approval (for vehicle types of FL, AT, EXII, or EX-III) according to **Part 9**, ADR may be used for the carriage of Class1 (ammunition or explosives exceeding the threshold limits in **Table 1.1.3.6**, ADR) or Class 3 (flammable liquids carried in tank-vehicles or tanks). (T-0).

2.1.9.1. Only vehicles equipped with proper anchor points (e.g., to secure the load with tie-down equipment or chains) or equivalent load securing methods (barriers) will be used to transport packages containing DG. (T-0).

2.1.9.2. POVs are not authorized for the carriage of DG unless explicitly authorized by the DOD Component HQ due to operational necessity. If a POV is used for official duty travel transporting DG, the exemptions listed in the ADR for private persons will not apply. (T-0).

2.1.9.3. Under no circumstances will packages containing DG requiring ventilation be carried in the vehicle passenger compartment. (T-0). If DG is moved in open passenger compartments, i.e., vans or busses, provided ventilation is not required, the packages must be secured IAW the safety principles for load securing.

2.1.9.4. Closed or sheeted vehicles must be used for the carriage of packages sensitive to moisture. (T-0).

2.1.9.5. Open or ventilated vehicles/containers (ventilated: one 10 x 10 cm opening at the top front and one 10 x 10 cm opening at the rear end of the trailer) may be required to carry DG if directed by the 'Special Provisions for Carriage' outlined in **Chap 3.2**, Table A, Column ADR (e.g., CV 36 or V14). (T-0).

2.1.10. Step 10 – Load Securing (*4, *6). Packages containing DG must be securely fixed or packed in vehicles or containers to prevent the movement or release of dangerous goods during transportation. (T-0). See 7.5.7, ADR for handling and stowage requirements and recommended standards and practices concerning proper load securing. Personnel responsible for load securing must be trained and in possession of valid training certificates. (T-0).

2.1.11. Step 11 – Placarding (Hazmat placards and orange-colored plates) (*4, *6,*7). Tank-vehicles (including tank-vehicles, not drained, and purged) and other transport units or large containers (e.g., ISOs and MILVANS) carrying DG exceeding threshold limits specified in **table 1.1.3.6.3**, ADR must be placarded, marked, and furnished with orange-colored plates according to **Ch. 5.3**, ADR. Corresponding placards required for other modes of transportation, with minor variations which do not affect the obvious meaning of the placards, are also acceptable. The placards may include text such as UN number or words describing the hazard (i.e., 'Flammable Liquid'), provided the text does not obscure or detract from other required placard elements. Cover or remove placards and orange-colored plates once the vehicle is unloaded, clean, and free of residues. (T-0). **Note:** Tank vehicles or tank containers must be empty, drained, purged, and cleaned with a European Cleaning Certificate prior to removing placards and/or orange-colored plates.

2.1.12. Step 12 – Vehicle Crew (*5, *6). Drivers of tank vehicles or vehicles transporting DG in quantities exceeding the exemption limits prescribed in 1.1.3.6, ADR must possess valid ADR driver certificates according to **Paragraph 6.2.2.1** of this instruction, and regular driver licenses are required for the size and type of the vehicles. (T-0). Prior to the movement, the consignor/carrier must brief the driver(s) on the content of the load, requirements concerning the supervision of the vehicle, and emergency procedures in case of a vehicle breakdown, accident and/or accidental release of DG, as described in **Chapters 3** below.

2.1.13. Step 13 – Security (*1, *2,*3,*4,*5,*6,*7). Regardless of quantity, before releasing HAZMAT to the driver(s), the shipper/loader will verify the identity of the crew members. Therefore, each member of the vehicle crew must carry an identification card that includes their photograph. (T-0). See **Chapter 4** for additional guidance concerning security.

2.2. Exemptions.

2.2.1. General ADR exemptions. Provisions laid down in ADR do not apply to the movement of DG in the situations enumerated below. Prior to acting, shippers should consult

the ADR to verify that a particular shipment meets the requirements for exemption. The following exemptions apply:

- 2.2.1.1. Private individuals; (1.1.3.1.a., ADR)
 - 2.2.1.2. Carriage undertaken by unit's ancillary to their main activity; (1.1.3.1.c., ADR). See **Chapter 12** ('Craftsman's Regulations') for details concerning ADR Section 1.1.3.1.c. and Attachments **10** or **11** (German language) for related checklists.
 - 2.2.1.3. Emergency Response Forces; (1.1.3.1.d., ADR). (GE-Only) Applies to authorities responsible for emergency measures IAW German law only. **Note:** Applies to authorities responsible for emergency measures IAW German law only.
 - 2.2.1.4. Emergency transport intended to save human lives or to protect the environment (i.e., Ambulance vehicles); (1.1.3.1.e., ADR)
 - 2.2.1.5. Certain un-cleaned empty static storage vessels; (1.1.3.1.f., ADR)
 - 2.2.1.6. Exemptions related to the carriage of gases; (1.1.3.2, ADR)
 - 2.2.1.7. Exemptions related to the carriage of liquid fuels; (1.1.3.3, ADR)
 - 2.2.1.8. Empty and unclean packaging; (1.1.3.5, ADR) **Note:** Obey provisions described in subsections 1.1.3.1 – 1.1.3.3 and 1.1.3.5, ADR; threshold limits must not be exceeded, and special instructions are complied with! Regardless of DG quantity, loads must always be properly secured on vehicles to prevent any movement or release of dangerous goods during transportation.
- 2.2.2. Limited and Excepted Quantities. Carriage of DG packed, marked, labeled according to **Chapters 3.4** (Limited Quantities) or **3.5**, ADR (Excepted Quantities) may be exempt from a majority of ADR provisions. Refer to columns 7a and 7b, **Chap 3.2**, Table A, and Tables **3.4.6** and **3.5.1.2**, ADR to identify alphanumeric codes and maximum quantity limits relating carriage of DG in Limited Quantities (LQ) or Excepted Quantities (EQ).
- 2.2.3. **Table 1.1.3.6**, ADR. Carriage of loads (other than shipments in tanks/tank vehicles or break-bulk) not exceeding the exemption limits prescribed in 1.1.3.6, ADR may be exempt from the following major ADR provisions:
- 2.2.3.1. **Chap 1.10**; Security Provisions.
 - 2.2.3.2. **Chap 5.3**; Placarding and Marking of Containers and Vehicles; Section 5.4.3; Instructions in Writing.
 - 2.2.3.3. **Chap 7.2**; Provisions concerning Carriage in Packages.
 - 2.2.3.4. **Part 8**; Requirements for Vehicle Crews, Equipment, Operation, and Documentation. (Partly exempt - see 1.1.3.6.2, ADR for details)
 - 2.2.3.5. Sections 8.1.4 & 8.1.5; Fire-fighting and Miscellaneous Equipment (see **Tables 5.2 & 5.3** of this instruction)
 - 2.2.3.6. **Chap 8.2**; e.g., 'ADR driver certificates.
 - 2.2.3.7. **Part 9**; Requirements Concerning the Construction and Approval of vehicles.

2.3. Hazardous Waste Storage and Accumulation Points.

2.3.1. Units generating and storing or accumulating HW must comply with standards and procedures described in Chapter 5 of AFMAN32-7002, Environmental Compliance and Pollutions Prevention and country-specific Final Governing Standards (FGS). Installation Hazardous Waste Management Plans (HWMP) may provide additional information and overall strategy, delineates responsibilities and procedures for properly managing HW generated by the units.

2.3.2. Containers used for the storage of HW shall be labeled and marked IAW:

2.3.2.1. ADR, if containers are used or prepared for the carriage HW (e.g., UN No. and Hazard Label)

2.3.2.2. OSHA markings, as described in **Chapter 8** and FGS (e.g., Pictograms and Hazard/Precautionary Markings).

2.3.2.3. Six-digit European Waste Code (EWC) and waste description, described in FGS or EC Directive 2000/532/EC (incl. amendments thereto).

2.3.3. Suitable containers must be used for the collection of HW. If used for off-base carriage, these containers (e.g., Drums or IBCs) must meet the provisions of the ADR.

2.3.4. Measures must be in place to prevent the build-up of pressure and dangerous atmospheres in containers used for the collection of HW (e.g., Aerosol Cans).

2.3.5. Personnel and their supervisors who are assigned duties involving actual or potential exposure to HW must successfully complete an appropriate training program before assuming those duties. (T-0). See DoDI 6050.05, "DoD Hazard Communication (HAZCOM) Program."

2.3.6. The primary office responsible for the disposal of HW is 52 CES /CEIE (DSN 314-452- 7257). UDGA's appointed by 52 CES/CC or other personnel assigned to 52 CES tasked to provide training to HW managers IAW AFMAN32-7002, Chapter 5 Hazardous Waste Management must be in possession of a UDGA/DCO training certificate (IAW **Chapter 6**). The 52 CES/UDGA must ensure that the following elements are included in their training plans for HW Manager or Monitor training:

2.3.6.1. Container labeling and marking requirements IAW ADR.

2.3.6.2. Container markings IAW OSHA.

2.3.6.3. European Waste Catalog Codes and Waste Descriptions.

2.3.6.4. Identification of DG (e.g., PSN, UN No.).

2.3.6.5. Stowage and Segregation.

2.3.6.6. Measures preventing build-up of pressure and dangerous atmospheres in containers.

2.3.6.7. Procedures concerning the proper disposal of HW within the storage area.

2.3.6.8. Use of HW Profile Sheets or equivalent forms to document the disposal of HW.

2.3.7. In the case of HW, contractors may pick up the goods. It is not recommended to move HW through off-base routes to HW collection points by military vehicles/personnel. If so, all

transportation and traffic safety rules, qualifications, and routing permits apply in this case. In some of our host countries, special licenses and vehicle requirements apply. The preferred method is to arrange the pick-up of HW by qualified contractors.

2.3.8. The contractor may execute loader, packer, consignor, and carrier duties. Contracting officers and Waste Generators involved in the statement of work should clearly identify which of the functions listed in this instruction are delegated to the contractor. If delegated, the waste generator is still liable to ensure the contractor complies with the duties listed in the contract and in this regulation.

2.3.9. The identification of the HW cannot be delegated. Proper identification of HW is the responsibility of the unit generating the HW. The person executing the shipper function 'identifying' the HW on behalf of the owning unit will remain liable for the proper identification until the destination.

2.3.10. DLA Hazardous Waste Profile Sheet (HWPS) or equivalent forms may be used for the proper identification of HW. CE may assist units with their technical expertise completing the required HWPS etc.

Chapter 3

PROCEDURES FOR VEHICLE BREAKDOWN, ACCIDENTS, AND ACCIDENTAL RELEASE OF DANGEROUS GOODS

3.1. General. An accidental or unauthorized release of dangerous goods may occur after a vehicle accident, during loading/unloading, or without warning during movement of DG due to improper/damaged packaging or insufficient load-securing. Vehicle crew members must be briefed on emergency response requirements by the carrier prior to the journey. A colored copy of the instructions in writing (actions by drivers in the event of an accident or emergency) IAW 5.4.3 of the ADR, and as described in [Paragraph 7.3](#), instructions in writing must be issued to the drivers prior to transportation. (T-0). Instructions must be in the language that each member of the vehicle crew can read and understand. The instructions are carried in the vehicle cab and readily available.

3.2. Procedures. Except for [Paragraph 3.3](#), the actions to be taken in the case of an incident/accident described in this Chapter primarily apply to drivers of vehicles displayed with orange-colored plates IAW Section 5.3.2, ADR (actions not listed in priority order). Drivers of non-placarded vehicles carrying DG will comply with emergency response procedures (pamphlets) outlined in [Attachments 14](#) of this instruction. In the event of an accident or emergency, the members of the vehicle crew shall take the following actions where safe and practicable to do so:

- 3.2.1. Whenever possible, park the vehicle in a safe area, clear of traffic and as far away as possible from inhabited buildings and populated areas.
- 3.2.2. Drivers of leaking tank vehicles must, under all circumstances, try to get out of the area of settlements, tunnels, and from bridges. If necessary, have the tank vehicle towed away with the help of the police or fire brigade.
- 3.2.3. Apply the parking brakes and turn off the engine.
- 3.2.4. Whether day or night, activate the hazard lights.
- 3.2.5. Disconnect the Battery with the battery master switch (if available).
- 3.2.6. Put on the warning vest (each member of the crew).
- 3.2.7. Secure (disconnected) trailers with wheel chocks.
- 3.2.8. Display warning triangle (and, if available, also traffic cones or portable flashing lights) at the roadside at the following distances from the scene of the incident:
 - 3.2.8.1. Approx. 50 m / 164 ft (within a town).
 - 3.2.8.2. Approx. 100 m / 328 ft (outside a town).
 - 3.2.8.3. Between 150 m / 492 ft – 400 m / 1312 ft (on the ‘Autobahn’).
- 3.2.9. Provide first aid to people injured (use vehicle first aid kit if needed).
- 3.2.10. Use personal protective equipment (available on the vehicle) as required.
 - 3.2.10.1. Eye rinsing liquid to clean up contaminated eyes.

- 3.2.10.2. Protective gloves to avoid direct contact with spilled substances.
- 3.2.10.3. Emergency escape mask in case of a possible leak of products marked with danger labels 2.3 (toxic gases) and 6.1 (toxic substances).
- 3.2.10.4. Eye protection (protective goggles) to avoid contact with spilled or leaking substances.
- 3.2.10.5. Portable lighting apparatus (hand lamp) for better sight, during night hours, and to avoid stepping into spilled substances.
- 3.2.10.6. Drain seal, collecting container, and shovel to prevent leakages into the aquatic environment or the sewage system and to contain spillages.
- 3.2.11. Do not walk into or touch spilled substances.
- 3.2.12. Avoid inhalation of fumes, smoke, dust, and vapors by staying upwind.
- 3.2.13. If necessary, use portable fire-extinguishers installed on the vehicle to tackle:
 - 3.2.13.1. Fires in engine compartments, tires, and brakes.
 - 3.2.13.2. Fires in load compartments shall not be tackled by the drivers.
- 3.2.14. If necessary, contact Emergency Responders (Dial 112) and Police (Dial 110) for assistance if dangerous goods carried present a special risk to others, especially if there is or may be a leakage of dangerous goods in case of an accident or of irregularities, and if this risk cannot be eliminated rapidly. In this case, dial 110 and provide the following information to competent authorities:
 - 3.2.14.1. What has happened (e.g., accident or loss of DG/HW).
 - 3.2.14.2. Where did it happen (exact location).
 - 3.2.14.3. How many people are injured.
 - 3.2.14.4. What types of injuries.
 - 3.2.14.5. Keep the dangerous goods transport document ready to provide the following information to the responders upon request:
 - 3.2.14.5.1. UN No. of Dangerous Goods (DG) loaded/filled into the vehicle/tank.
 - 3.2.14.5.2. Proper Shipping Name of the goods loaded/filled.
 - 3.2.14.5.3. Corresponding Label Model No. and/or Class of DG.
 - 3.2.14.5.4. Packing Group (either I, II, III, or N/A [if blank]).
 - 3.2.14.6. Don't hang up – wait for possible additional questions.
- 3.2.15. Avoid sources of ignition; in particular, do not smoke, use electronic cigarettes or similar devices or switch on any electrical equipment.
- 3.2.16. Direct unauthorized personnel not involved to stay away from the incident scene.
- 3.2.17. Upon arrival, provide general awareness to the rescue team, fire-fighters, or police and follow their instructions.

3.2.18. Upon request of the emergency services, the dangerous goods transport document (IAW ADR Chapter 5.4) must be handed over to them.

3.2.19. Contact your shop supervisor, 52FW IDGA, and Military Police for awareness and support, as necessary.

3.2.20. Remove any contaminated clothing and dispose of it safely.

3.3. Accident/Incident Reports. Contact the Unit DGA and the Spangdahlem IDGA office at DSN 314-452-6782 (call Command Post for Standby Number after Hours) for assistance establishing the required accident/incident report (USAFE Form 61) IAW USAFE-AFAFRICAI 23-104.

Chapter 4

SECURITY

4.1. Supervision of Vehicles. Any military vehicles carrying DG, regardless of quantity or volume, must be protected against unauthorized access and safeguarded against theft. Vehicles may only be left unattended if the doors/gates to the vehicle and cargo area can be locked and the vehicle is parked in a secure area, only if not contrary to any other US military regulations. Placarded vehicles carrying DG in quantities or volumes exceeding 1.1.3.6, ADR threshold limits should not be parked next to inhabited buildings whenever possible.

4.2. Security Training. All HAZMAT employees must be trained in IAW [Paragraph 6.2.1.4](#) and [Paragraph 6.2.1.5](#) as applicable.

4.3. High Consequence Dangerous Goods.

4.3.1. High consequence dangerous goods are defined as those which have a potential for misuse in a terrorist incident and which may, as a result, produce serious consequences such as mass casualties or mass destruction. Lists of high consequences dangerous goods are provided in [Table 1.10.3.1.2](#), ADR and 49CFR, § 172.800. (T-0)

4.3.2. The security provisions for ‘high consequence dangerous goods’ provide measures of precautions to be taken to minimize theft or misuse of dangerous goods that may endanger persons, property, or the environment. All participants engaged in the carriage of DG must comply with the provisions of [Chapter 1.10](#), ADR if threshold limits for high consequence DG listed in section 1.10.3 and 1.10.4, ADR or 49 CFR, § 172.800 have been exceeded.

4.4. Security Plan. Units moving high consequence DG must implement written security plans and train assigned personnel. (T-0). The transportation security plan will include an assessment of possible HAZMAT transportation security risks. The security plan will include:

4.4.1. Personnel Security. A method to validate information provided by job applicants hired for positions that involve access to/handling of DG covered by the security plan.

4.4.2. Unauthorized Access. Measures to assess the risk of unauthorized persons gaining access to DG listed in the security plan or transport conveyances being prepared for transportation of the DG covered by the security plan.

4.4.3. En Route Security. Measures to assess the risk of DG shipments moving from origin to destination, including any temporary storage of the material while en route to the destination.

4.4.4. Responsibility. Assign responsibilities for security to competent and qualified personnel.

4.4.5. Inventory. Records of dangerous goods or types of dangerous goods concerned.

4.4.6. Security Policy. Effective procedures for responding, reporting, and dealing with security threats, breaches of security, or security incidents.

4.4.7. Procedures for the evaluation and testing of security plans and procedures for periodic review and update of the plans.

4.4.8. Measures to ensure the physical security of transport information contained in the security plan. Measures to ensure that the distribution of information relating to the transport operation contained in the security plan is limited to those who need to know.

4.4.9. Clear statement of measures that are to be taken to reduce security risks, commensurate with the responsibilities and duties of the participants, including:

4.4.9.1. Security Training.

4.4.9.2. Equipment and resources used to reduce security risks (e.g., alarm system);

4.4.10. Security plan must be:

4.4.10.1. In writing.

4.4.10.2. Retained for as long as it remains in effect.

4.4.10.3. Available to employees responsible for the implementation.

4.4.10.4. Consistent with personnel security clearance/background investigation restrictions and employee's need to know.

4.4.10.5. Revised and updated, as necessary, to reflect changing risks, commodities, and circumstances.

4.4.10.6. Maintained as of the date of the most recent revision.

4.5. List of Security Checklists. Checklists listed in Attachments **36** – **39** may be used for internal security risk assessments, security training, and security plans, as required. It's essential for personnel involved in the handling of DG to become familiar with security standards and requirements outlined corresponding movement regulations. (T-3). The following security checklists are attached to the instruction:

4.5.1. Facility Security Checklist (**Attachment 36**).

4.5.2. Security Checklist for the Consignor of Hazmat (**Attachment 37**).

4.5.3. Security Checklist for the Carrier of Hazmat (**Attachment 38**).

4.5.4. Security Checklist for the Receiver of Hazmat (**Attachment 39**).

Chapter 5

EQUIPMENT

5.1. General. The Carrier must ensure that the required protective equipment and fire-extinguishers IAW Tables 5.2 and 5.3 are available on vehicles carrying DG in quantities requiring orange-colored warning plates (T-0). See Attachments 5 and 6 for corresponding checklists to be used during vehicle inspections.

5.2. Number and Type of Miscellaneous Equipment and Personal Protection. Equipment that must be available on vehicles carrying dangerous goods is depending on the hazard classes (label model numbers). The appropriate equipment may be selected from Table 5.1 below. The letter “X” at an intersection indicates that the equipment required for a certain hazard class.

Table 5.1. Miscellaneous- and Personal Protective Equipment (IAW Section 8.1.5, ADR).

Equipment / Danger Label (hazard class)	1.*	2.1	2.2	2.3	3	4.1	4.2	4.3	5.*	6.1	6.2	7	8	9
a. Wheel chock	X	X	X	X	X	X	X	X	X	X	X	X	X	X
b. Two self-standing warning signs	X	X	X	X	X	X	X	X	X	X	X	X	X	X
c. Fire Extinguisher(s)***	X	X	X	X	X	X	X	X	X	X	X	X	X	X
D. Warning vest(s)**	X	X	X	X	X	X	X	X	X	X	X	X	X	X
E. A pair of protective gloves**	X	X	X	X	X	X	X	X	X	X	X	X	X	X
F. Eye Protection (goggles)**	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G. Portable Lighting apparatus (hand-lamp)**	X	X	X	X	X	X	X	X	X	X	X	X	X	X
h. Emergency escape mask				X						X				
i. A shovel					X	X		X					X	X
j. A drain seal					X	X		X					X	X
k. A collecting container					X	X		X					X	X
* Includes sub-classes etc. (e.g., 1.2 or 5.1)														
** Required for each member of the vehicle crew														
(See Special Provision S2(1), ADR for hand-lamp requirement)														
*** see Table 5.3 for total numbers and volume of Fire-Extinguishers														

5.3. Fire-Extinguishers. The number and total capacity of fire-extinguishers required on vehicles carrying DG are pending on the permissible mass of the transport unit (see Table 5.2). Fire-extinguishers on vehicles registered in Germany must comply with the technical requirements of Section 8.1.4 of the ADR and are subject to a two-year periodic technical inspection. (T-0). Units must keep track of expiration dates indicated by a Month/Year marking on the outside of the fire-extinguisher. After two years, fire-extinguishers must be serviced or replaced. ABC type fire-extinguishers mounted on tank vehicles used for flight-line operations must be labeled ‘DO NOT USE ON AIRCRAFT FIRES.’

5.3.1. **Note:** The date to be indicated in accordance with 8.1.4.4 ADR on fire extinguishers manufactured in Germany (month/year) of the first periodic inspection is calculated from the two-year inspection period in relation to the actual date of manufacture of the fire extinguisher. It is legally compliant if the year of manufacture is indicated on the fire

extinguisher without a month and the two-year inspection period begins at the end of that year.

Table 5.2. Fire-Extinguishers (IAW Section 8.1.4, ADR).

Transport unit size*	Minimum # of fire extinguishers required	Total mass of all fire-extinguishers**	Total mass / single fire extinguisher***
Carriage IAW "1.1.3.6.3"	1 x	2 kg	2 kg
<= 3.5 tons	2 x	4 kg	2 kg
> 3.5 - 7.5 tons	2 x	8 kg	6 kg
> 7.5 tons	2 x	12 kg	6 kg
* Maximum permissible mass of transport unit			
** Minimum capacity of all fire extinguishers required for the transport unit			
*** At least one of the fire extinguishers shall have the minimum capacity as outlined			

5.3.2. Sample. A tractor-trailer has a permissible mass of 6 tons. Based on the above table, the vehicle must carry at least one fire-extinguisher with 6 kg dry powder capacity and another one with a minimum 2 kg capacity. Fire-extinguishers having a larger capacity, as indicated in the table, are also authorized.

Chapter 6

TRAINING

6.1. General Information. Personnel involved in the carriage of DG require training appropriate to their functions, duties, and responsibilities. Training as used in this Chapter means a systematic program that ensures a hazmat employee has familiarity with the provisions of this instruction, as well as the ADR, applicable to functions performed by the employee. Training must be completed before assuming responsibilities concerning the carriage of DG.

6.2. Types of Training. Note: *Applicability codes for the execution of the training: 1 = OJT (Unit); 2 = IDGA; 3 = UDGA; 4 = 52 CES/CEIE.

6.2.1. Unit Internal Training.

6.2.1.1. General awareness/familiarization training (*1, *3). Personnel shall be familiar with the general requirements of the provisions concerning the carriage of dangerous goods and enable to recognize and identify dangerous goods. (T-0).

6.2.1.2. Safety training (*1, *3). Commensurate with the degree of risk of injury or exposure arising from an incident involving the carriage of DG, including loading, and unloading, personnel shall receive training covering the hazards and dangers presented by dangerous goods. The training provided shall aim to make personnel aware of the safe handling and emergency response procedures. (T-0).

6.2.1.3. Function-specific training (*1, *3). Personnel will receive detailed training commensurate directly with their duties and responsibilities in the requirements of the regulations concerning the carriage of dangerous goods, described in **Chapter 13**. Where the carriage of dangerous goods involves a multimodal transport operation, the personnel shall be made aware of the requirements concerning other transport modes. (T-0).

6.2.1.4. Security awareness training (*1, *3). Each HAZMAT employee must receive training that provides an awareness of security risks associated with HAZMAT transportation is designed to enhance transportation security. This training must include a component covering how to recognize/respond to possible security risks. See Attachments **36 – 39** for training elements concerning the shipper, carrier, receiver, and facility security. (T-0).

6.2.1.5. In-depth security training (*1, *3). Each unit is required to install a security plan IAW **Chapter 1.10**, ADR, Title 49 CFR 172.704 Subpart I and DTR 4500.9-R, Para 204 and SABI 23-104 Chapter 4.4 must ensure that the applicable personnel is trained according to the content of the security plan. (T-0).

6.2.1.6. Responsibilities (*1, *3). The training described in **Paragraph 6.2.1** is always required (unless stated otherwise in this instruction) and shall be provided by the UDGA (or workshop supervisor). Training may be covered by the workplace-specific HAZCOM training required by AFI90-821; Hazard Communication if elements of training outlined in **Paragraph 172.704(a)** of 49 CFR are included. Training required by Paragraphs **6.2.1.1**, **6.2.1.2**, and **6.2.1.3** shall be deemed as covered if personnel already received UDGA, DCO, ADR-certified driver, or technical expert training provided by the IDGA office. Hazmat employees (other than IDGAs and ADR drivers) must be trained at least

once every two years. (T-1). For in-depth security training IAW **Paragraph 6.2.1.5**, refresher training is required at least once every three years or, if the security plan is revised during the three-year recurrent training cycle, within 90 days of implementation of the revised plan.

6.2.2. Commander Awareness Training (*2). Commanders of Groups/Squadrons listed in **Attachment 26** will be briefed by the IDGA on the contents of the DGMP (online or in person). UDGAs will coordinate the required awareness training for their Unit Commander through the IDGA office NLT 90 days after a change of command. A memo for record (MFR) stating that the ‘Commander accomplished’ the required awareness training will be issued to the UDGA after completion of the training.

6.2.3. Training of the Vehicle Crew.

6.2.3.1. ADR-certified Drivers (*2). Drivers of vehicles carrying dangerous goods in quantities exceeding the limits of **table 1.1.3.6.3**, ADR and drivers of tank vehicles (incl. portable tanks) must possess an ADR driver certificate IAW **Chapter 8.2**, ADR, issued by competent authority (CA) of an ADR member state. The required ADR driver training may be provided by a qualified and licensed IDGA. (T-3).

6.2.3.2. Other Drivers (*3). Drivers of vehicles carrying DG in quantities not exceeding threshold limits specified in **Paragraph 6.2.2.1** above will be trained IAW **Paragraph 6.2.1**.

6.2.4. Hazardous Waste Training (*1, *4). All personnel whose work involves HW, and their immediate supervisors must receive and successfully complete HW training appropriate to their job responsibilities as required. Units operating HW storage or accumulation points IAW **Paragraph 2.3** of this instruction will contact 52CES/CEIE for training.

6.2.5. Class 7, Radiation protection (*1, *3). Any persons must receive appropriate training concerning radiation protection, including precautions to be observed to restrict their occupational exposure and the exposure of other persons who might be affected by their actions.

6.2.6. Load securing (*1). Personnel in charge of loading or monitoring loading of cargo (e.g., drivers, loaders) will be trained in proper techniques to prevent loads from moving vertically, laterally, and horizontally, according to Norms and Practices described in Section 7.5.7 of the ADR.

6.2.7. UDGA training (*2). Training is required for individuals tasked to implement the Dangerous Goods Management Program on behalf of their unit commanders. Individuals must successfully complete UDGA training prior to their appointment. (T-2).

6.2.8. DCO training (*2). Training is required for individuals who certify that DG is properly identified, classified, packaged, marked, labeled, and documented, and in proper condition for transportation. Units with consignor duties according to **Paragraph 13.3.2** must ensure that DCOs are trained and appointed for each mode of transportation used (e.g., Road, Rail, maritime or Air). DCOs are also required in units executing ‘loader’ duties IAW **Paragraph 13.3.4** when required to sign and complete a vehicle/container packing certificate. (T-2).

6.2.9. Technical Expert (*2, *3). TE training is recommended for units that only execute shipper, receiver, and packer duties IAW [Chapter 13](#), required to identify and/or prepare DG for a movement process. Personnel trained as TEs are not authorized to certify DG for transportation and therefore cannot be appointed as DCOs. TE training is also required for craftsmen assigned to civil engineering units, executing duties IAW [Chapter 12](#). Training shall be deemed as covered if employees have been trained IAW [Paragraph 6.2.1](#), provided the workplace specific HAZCOM training includes elements of training outlined in DTR Paragraph 172.704(a) of 49 CFR. Contact the IDGA office for training material (e.g., TE Study Guides) if required.

6.3. List of Training Courses. See [Table A6.1](#) below for DG training courses provided by the IDGA office. Duration of training depends on the mode of transportation, the hazard classes, and associated lesson plans. Contact the IDGA for detailed information. (T-3).

6.4. Training Requests. A nomination sheet as described in [Attachment 29](#) will be used to request DG training from the IDGA office. Local nationals will submit a training request (SF 182) to 52 FSS (CPO) prior to requesting training from the IDGA office. A signed copy of the approved SF 182 will be issued to the IDGA office on the first day of training. (T-3).

6.5. Training Certificates. Once successfully completed the UDGA or DCO training, students will be issued a training certificate, outlining the name of the attendee, training source, course number and expiration date. Students that have attended but failed the final test are considered Technical Experts IAW [Paragraph 6.2.9](#) unable to certify DG for consignment. Drivers that successfully completed training will be issued an individual ADR driver certificate. Appointment orders IAW [Paragraph 6.7](#) are not required for drivers.

6.5.1. **Note:** DCOs and UDGAs in possession of a valid training certificate may contact the IDGA to just take a test to extend their training certificates for another two years. If the test is not passed, on-site refresher training is required

6.6. Documentation. Training of personnel IAW [Chapter 6](#) must be documented. Records of training (e.g., AF FM 55, Employee Safety and Health Record) and individual training certificates must be kept on file at the unit and made available to the employee and competent authority upon request. (T-0). IAW USAFE-AFAFRICAI 23-104 records must be kept on file for five years. All personnel that completed training IAW the DG Program must be tracked by the unit on a master list, as shown in [Attachment 40](#). (T-3).

6.7. Appointment. According to USAFE-AFAFRICAI 23-104, Unit Commanders must appoint UDGAs and DCOs in writing using standardized USAFE Form 66 or 67B. (T-2) Once appointment orders are signed by the Commander and Appointee, a copy of the order must be submitted to the IDGA office. Individuals that have passed the final test for UDGAs and DCOs but are not appointed by their Commanders will be considered Technical Experts IAW [Paragraph 6.2.9](#) until finally appointed. See [Attachment 26](#) (Figure [26.1](#) and [26.2](#)) and [Attachment 27](#) (Figure [27.1](#) and [27.2](#)) for step-by-step instructions completing USAFE Forms 66 and 67B, as well as for samples of appropriate appointment orders. (T-3).

Table 6.1. Training provided by the IDGA office.

Type Training	Reference ⁴	Course No ²	Duration	Training Frequency
CDGA/IDGA	USAFEI23-104	DG XXXX-01	(Modular - contact CDGM for specifics)	5 Years
UDGA	USAFEI23-104	DG XXXX-02	2 - 5 days ³	2 Years
Command Dangerous Goods Training Workshop	USAFEI23-104	DG XXXX-10	CDGA/IDGA/ DCO/TE (1-3 days)	Annually
ADR driver	ADR 8.2.2.3.2	DG XXXX-03	Basic (2.5 Days) ¹	5 Years
	ADR 8.2.2.3.3	DG XXXX-04	Tank (1 day)	5 Years
	ADR 8.2.2.3.4	DG XXXX-05	Ammo (1 day)	5 Years
	ADR 8.2.2.3.5	DG XXXX-06	Class 7 (1 day)	5 Years
ADR driver refresher	ADR 8.2.2.5	DG XXXX-03A	2.5 days	5 Years
ADR - DG Certifying Official (DCO) - Initial	Para 6.2.8	DG XXXX-07 A	5 days	2 Years
ADR - DG Certifying Official (DCO) - Refresher	Para 6.2.8	DG XXXX-07 B	2 days	2 Years
RID - DG Certifying Official (DCO)	Para 6.2.8	DG XXXX-07 C	1 day if Course No. DG XXXX 07 A was completed, otherwise 5 days ³	2 Years
ADR or RID - DG Certifying Official (DCO)	Para 6.2.8 & 6.3	DG XXXX-07 X (HC); ²	1-3 days ¹	2 Years
IMDG-Code - DG Certifying Official (DCO)	Para 6.2.8 & 6.3	DG XXXX-08	1 day if Course No. DG XXXX 07 A was completed, otherwise 5 days ³	2 Years
Technical Expert ADR	Para 6.2.9	DG XXXX-10A	1-2 days ³	2 Years
Technical Expert IMDG-Code	Para 6.2.9	DG XXXX-10B	1-2 days ³	2 Years
ADR/RID/IMDG - DG Certifying Official (DCO)	Para 6.2.8 & 6.3	DG XXXX-09	7 days ³	2 Years

Notes:

¹ The basic ADR driver course is always required (prerequisite for additional tank, ammo or Class 7 training)

² On training certificates X's are replaced by the year the training was conducted [e.g. 'DG 2020-07 A (Class 3)']

³ Contact the IDGA for local training requirements and hours (incl. refresher training)

⁴ References refer to either USAFEI23-104, ADR or this instruction

⁵ DCO training with reduced hours of trng focusing on a specific hazard class (HC), e.g. only Class 1

Chapter 7

DOCUMENTATION

7.1. General. In addition to documents that may be required by other regulations, the following documents must be carried on vehicles moving DG, as required by Section 8.1.2 ADR and [Paragraph 11.2](#) of this instruction. The unit releasing DG into public traffic (consignor) must ensure that below described documents are passed on to the driver and available in the vehicle cab. Unless bilateral agreements between the units deviate, the obligations of the Consignor, Loader and Carrier apply as described below. **Note:** Shipments of DG (other than shipments in tanks/tank vehicles or bulk) that are not exceeding the limits described in 1.1.3.6, ADR may be exempt from carrying the below documents except for documents described in [Paragraphs 7.2, 7.6, and 7.8](#).

7.2. Transport Document. Unless specifically exempted in the ADR, the unit executing the consignor duties IAW [Paragraph 13.4.2](#) of this instruction must complete a transport document according to Chapter 5.4 of the ADR and to this Chapter. A qualified DCO appointed by the Consignor must inspect the dangerous goods prior to accomplishing and signing the transport document, stating that the contents of the consignment are thoroughly and accurately described by the proper shipping name, and classified and marked, labeled/placarded and all respects in reasonable condition for transport according to the applicable international and national governmental regulations. **Note:** Carriage of DG in a multimodal transport chain including rail and/or maritime carriage may require additional information to be drafted in the transport documents, as required by the RID and/or IMDG-Code. (T-0).

7.2.1. Format required. No specific format is required for the design of the dangerous goods Transport Document. Multi-Modal Dangerous Goods Form (Section 5.4.5, ADR), DD Form 1384 (TCMD), DD Form 2890 (DOD Multimodal Dangerous Goods Declaration), or equivalent forms may be used as transport documents provided the corresponding ADR information is entered in proper sequence and language. If DD Form 2890 is used for shipments within Germany or Europe only (e.g., from Spangdahlem AB to Ghedi AB), delete and replace the 24-Hour emergency assistance telephone number, shown on the upper half of the form with the European emergency response number '112'.

7.2.2. Carriage in a transport chain, including maritime or air carriage. Shipper's Declaration for dangerous goods according to IATA or AFM 24-604 or Multimodal Dangerous Goods Forms according to the IMDG-Code may also be used as Transport Documents for over the road transportation of DG to/from the Aerial- or Water Port, provided that the additional information required by the ADR is included.

7.2.3. Copies required. Complete and sign at least two copies of the dangerous goods Transport Document. One copy must be issued to the selected carrier IAW [Paragraph 13.4.2.9](#) of this instruction. Another copy must be kept on file IAW 5.4.4 of the ADR.

7.2.4. Step-by-step instructions for completing an ADR transport document see [Attachment 19](#) for corresponding sample of a Multi Modal Dangerous Goods Form and guidance preparing the required transport document for surface road transportation of dangerous goods. [Attachment 19](#) may be used as a tool but does not release the DCO from studying the details of [Chapter 5.4](#), ADR completing the transport document. Samples of completed

Transport Documents describing the following scenarios of DG shipments are listed in Attachments **19 – 24**, as referenced in brackets below:

- 7.2.4.1. Tank-Vehicle carrying Diesel Fuel (**Attachment 20**);
- 7.2.4.2. Empty uncleaned Tank-Vehicle (**Attachment 21**);
- 7.2.4.3. Ammunition & Explosives (**Attachment 22**);
- 7.2.4.4. Carriage of Paint, Paint Related Material, and Aerosols not exceeding the exemption limits described in 1.1.3.6 and 5.4.1.1.1 f. Note 1 of the ADR (**Attachment 24**).

7.3. Instructions in Writing. IAW 5.4.3, ADR the Carrier must provide written instructions in language(s) each member of the vehicle crew (drivers) understands. Members of the crew must be capable of carrying out actions prescribed in written instructions in case of an accident or emergency. (T-0). Copies of written instructions may be downloaded from the following UNECE website: http://www.unece.org/trans/danger/publi/adr/adr_linguistic_e.html

7.4. DD Form 626, Motor Vehicle Inspection.

- 7.4.1. Vehicles loaded with DG must be inspected before loading and after off-loading.
- 7.4.2. Inspection requirements of DD Form 626 must be met at the point of origin and destination.
- 7.4.3. Requirements outlined in section II, item 12.f. and 12g. DD FM 626 may be altered according to Instructions in Writings, sections 5.4.3 and 8.1.5 of the ADR.
- 7.4.4. DD Forms 626 are only required for US military vehicles carrying DG in amounts that require placarding in accordance with **Chapters 5.3**, ADR, or IMDG-Code (orange-colored plates and/or 'hazard' placards).

7.5. Container/Vehicle Packing Certificate.

- 7.5.1. Packing certificates conforming to section 5.4.2 of ADR, RID and IMDG-Code must be prepared by the Loader, when DG is packed or loaded containers (i.e., 20ft MILVANS) or onto vehicles (other than tank-vehicles, portable tanks, or tank-containers) and transported in a transport chain, including maritime transportation. (T-0).
- 7.5.2. The information required in the transport document and the container/vehicle packing certificate may be incorporated into a single document.
- 7.5.3. DD Form 2781 may be used to declare the visual inspection of the vehicle or container.

7.6. Competent Authority Approval (CAA). When required by **Paragraph 5.4.1.2.1** c. or d. or 5.4.1.2.3.3 of the ADR, a copy of the CAA. (T-0).

7.7. Routing Permit (GE-only). IAW **Paragraph 11.2.1** of this instruction, a copy of the required 'routing permit' must be included if threshold limits for the carried DG listed in **Attachment 2** are exceeded. (T-0).

7.8. Identity Card (ID Card). A photo ID for each member of the vehicle crew, IAW 1.10.1.4, ADR. (T-0).

7.9. ADR Driver License. Drivers of vehicles carrying DG must hold a valid ADR training certificate issued by the competent authority (e.g., ‘Bundeswehr’) stating that drivers have participated in a training course IAW **Chapter 8.2** ADR and passed an examination on the requirements that must be met during carriage of DG. The expiration date stated on the license must not be exceeded. (T-0).

7.10. Certificate of Approval for Vehicles. IAW 9.1.3 ADR a certificate of approval (e.g., USAFE-AFAFRICA FM 68) is required for vehicles carrying DG in placarded amounts. The expiration dates for the annual vehicle inspection, as well as the expiration dates for the tank inspections (for tank vehicles), as outlined on the certificate, must not have been expired. (T-0).

7.11. Tank Cleaning Document. The carriage of empty tank vehicles on low-bed trailers is described in **Paragraph 11.3** A European Cleaning Document (ECD) or equivalent document recognized by host nation competent authorities signed by a qualified person stating that the tank was drained and purged, and all hazards have been nullified is required for the carriage of tank-vehicles IAW **Paragraph 11.3.1**.

7.12. For the carriage of DG not exceeding the limits of subsections 1.1.3.1c) and/or 1.1.3.6 of the ADR, drivers shall be issued a copy of DGMP Pamphlet I/A or I/B (‘Behavior in Case of an Accident or Incident’) listed in **Attachment 17 & 18**.

7.12.1. **Notes:** All the above documents must be kept readily available inside the vehicle cab. Checklist I/A of **Attachment 3** may be used for vehicle inspections to ensure compliance with **Chapter 7**.

Chapter 8

HAZARD COMMUNICATION CONCERNING CLASSIFICATION, LABELING, AND PACKAGING OF DANGEROUS GOODS.

8.1. General Information. 29 CFR Part 1910 (Occupational Safety and Health Administration) and European Directive EC/1272/2008 (CLP) regulate the classification, labeling, and packaging of dangerous goods (chemical substances and mixtures). The requirements for hazard communication in the form of labeling are based on Articles 1(6) and 33 of EC/1272/2008 and 29 CFR 1910.1200(f). Country specific Final Governing Standards (FGS) provide further instructions concerning labeling requirements for dangerous goods in EU COM AOR. (GE-only) IAW FGS-Germany the following applies; unless handled by local national employees, individual containers of dangerous goods labeled in accordance with US Consumer Product Safety Commission regulations do not require supplemental or revised labeling. Different outer packaging labeling may be required for compliance with transport regulations. If handled by local national employees, CLP (EC1272/2008) conformed labeling is required.

8.2. Safety Data Sheet (SDS). Work areas must maintain an SDS for every item on the work area-specific hazardous chemical list, conforming to AFI 90-821; Hazard Communication and specific Final Governing Standards (FGSs). Sections 2 & 14 of the SDS must be reviewed for completeness and plausibility.

8.2.1. Section 2 – Possible Risks. Ensure that the label described in **Paragraph 8.3.1** is attached to the packaging and that the elements are matching the information of the corresponding SDS. The inner of an outer package must always bear the required label IAW GHS/OSHA. On a single package, the GHS/OSHA label is optional.

8.2.2. Section 14 – Transport Information. Ensure that the relevant information concerning the carriage of HAZMAT is available. If necessary, check whether the classification into a hazard class and the packing group can be verified using the information in Sections 9, 11, and 12 of the SDS. Ensure that the Proper Shipping Name (PSN) matches the UN Number in applicable dangerous goods regulation (e.g., ADR/RID). Verify if labels and markings affixed on the packages are matching the SDS information.

8.3. Procedures. Units with responsibilities concerning storage, preparation, and movement of DG must comply with instructions prescribed in Chapter 3 of AFR 90-821, Hazardous Communication (HAZCOM) Program and USAFE-AFAFRICAI 23-104, USAFE-AFAFRICA Command Dangerous Goods Program.

8.3.1. IAW **Paragraph 3.1.3.1** of AFI90-821, Unit supervisors, must ensure that labels with the following information (label elements) are affixed on packages containing hazardous chemicals [References for EC/1272/2008 (CLP), 29 CFR Part 1910 (OSHA) are cited after the description in italic letters]:

8.3.1.1. Product Identifier; Article 18, CLP / Part 1910.1200(f)(1)(i), OSHA

8.3.1.2. Hazard Pictograms; Article 19, CLP / Part 1910.1200(f)(1)(iv), OSHA

8.3.1.3. Signal Words; Article 20, CLP / CLP / Part 1910.1200(f)(1)(ii), OSHA

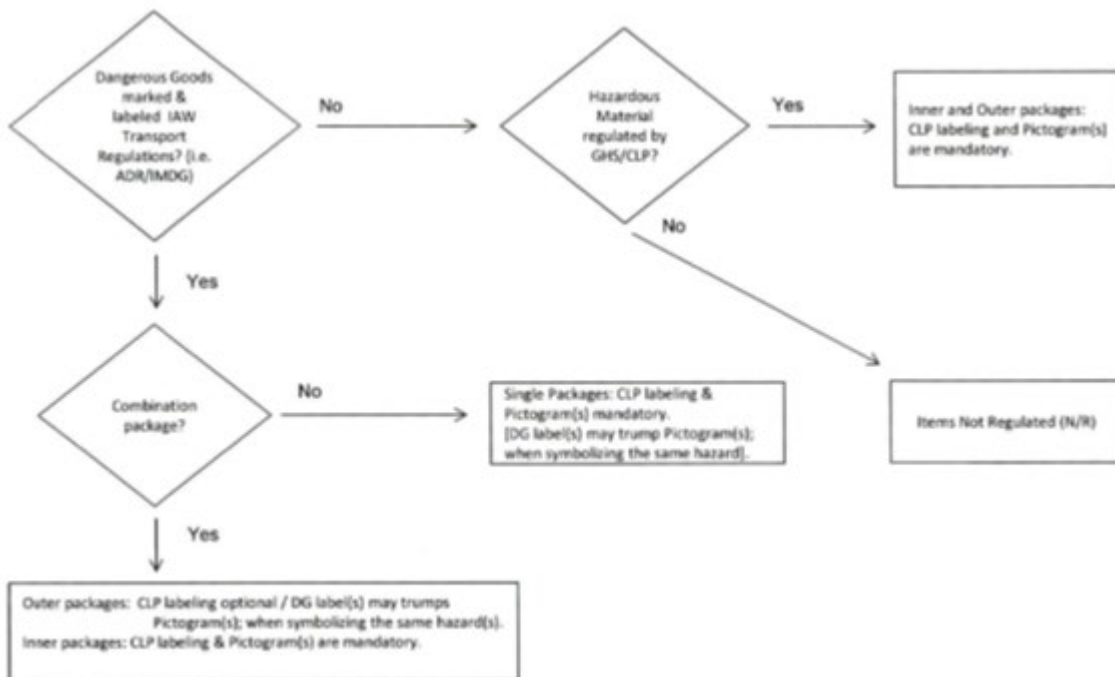
8.3.1.4. Hazard statements; Article 21, CLP / CLP / Part 1910.1200(f)(1)(iii), OSHA

8.3.1.5. Precautionary Statements; Article 22, CLP / CLP / Part 1910.1200(f)(1)(v), OSHA

8.3.1.6. Supplemental Information; Article 25, CLP / Part 1910.1200(f)(1)(vi), OSHA

8.4. Label Elements. Label elements containing the information described in [Paragraph 8.3.1](#) above are required in addition to labels and markings prescribed in the ADR. All Hazardous substances and mixtures that are not regulated by the ADR or other transportation regulations (e.g., IMDG-Code) but classified as hazardous IAW CLP or OSHA must show the described labels IAW CLP/OSHA. See [Figure 8.1](#) below for CLP labeling and pictograms.

Figure 8.1. CLP – Article 33 – Decision Chart.



Chapter 9

INSPECTION CHECKLISTS & EMERGENCY RESPONSE PAMPHLETS

9.1. General Inspection Requirements. Units must establish a program that standardizes the local inspection process and ensures a continuous level of quality. Inspections checklists listed below may be used for assistance and as tools during visual inspections by certifying officials and/or other responsible personnel, verifying dangerous goods are properly identified, prepared, documented, and carried. Follow the guidance outlined in this instruction and use checklists and pamphlets as described in Attachments 3 to 14. Electronic copies of the below checklists are available at the IDGA office upon request. If required, checklists may be changed and tailored to functions and movement modes executed by the unit if coordinated with and approved by the IDGA office. UDGAs must ensure checklists are available to personnel involved in the carriage of DG. The checklist to be selected shall correspond to the obligations of the inspecting individual as well as to the mode and type of transport. Checklists must always be used for any DG operations that require off-base transportation and for any placarded amounts of DG carried within the installation. See **Figure 9.1** for Checklist/Pamphlet Decision Chart. Note. Infringements can be sanctioned by enforcement agencies in Europe.

9.2. Inspection Checklists and Pamphlets. The attached checklists don't replace regulations and the study of these regulations. It's essential for DCOs, UDGAs, and other personnel involved in the carriage of DG to get trained and become familiar with DG regulations and associated military instructions. The following checklists/pamphlets are attached to this instruction:

- 9.2.1. Checklist I/A (**Attachment 3**); Road Transportation of Dangerous Goods (on/off Base). To be used for transportation of dangerous goods regulated by ADR and HN regulations. The checklist covers inspection items for the vehicle crew, documentation, and carriage of DG.
- 9.2.2. Checklist I/B (**Attachment 4**); supplements checklist I/A. Identifies information that needs to be entered in the ADR Transport Document.
- 9.2.3. Checklist I/C (**Attachment 5**); supplements checklist I/A. Identifies the requirements for miscellaneous equipment and equipment for personal protection required on the vehicle.
- 9.2.4. Checklist I/D (**Attachment 6**); supplements checklist I/A. Identifies the requirements for the fire-fighting equipment on board of vehicles.
- 9.2.5. Checklist I/E (**Attachment 7**); supplements checklist I/A. Provides information on mixed loading/compatibility requirements.
- 9.2.6. Checklist I/F (**Attachment 12**); supplements checklist I/A. Identifies packaging, placarding, and marking requirements.
- 9.2.7. Checklist I/G (**Attachment 13**); Inbound Dangerous goods. Covers inspection items relevant for the receipt of dangerous goods.
- 9.2.8. Checklist II/A (**Attachment 14**); Road Transportation of Dangerous Goods IAW 1.1.3.1.c), ADR (on/off Base). Identifies minimum safety requirements and threshold limits

for the carriage to and from buildings or civil engineering sites (craftsman) if ancillary to the units' main activity (follow instructions outlined on the reverse page).

9.2.9. Checklist II/B (**Attachment 15**); Beförderung von Gefahrgut ueber die Strasse i.v.m. 1.1.3.1.c) ADR (on/off Base). German language version of Checklist II/A.

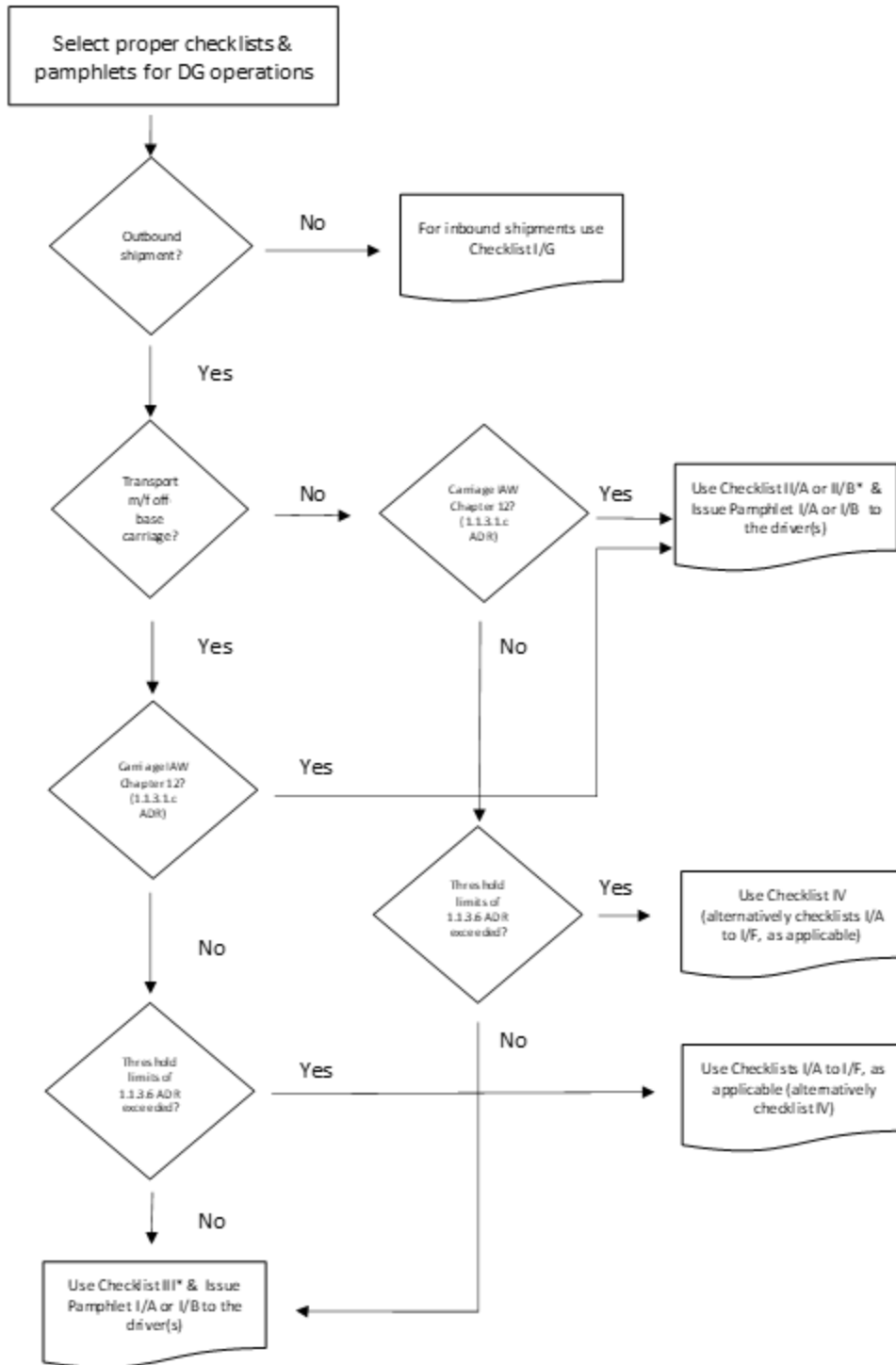
9.2.10. Checklist III (Attachment 16); Road Transportation of Dangerous Goods IAW 1.1.3.6, ADR. To be used for transportation of dangerous goods regulated by ADR and HN regulations, but not exceeding the threshold limits of **table 1.1.3.6.3**, ADR. The checklist covers inspection items for drivers, carriage, documentation, packaging, vehicle, and equipment.

9.2.11. Pamphlet I/A (**Attachment 17 – Figure A17.1**); Behavior in Case of an Accident/Incident. Pamphlet provides information to drivers of non-placarded vehicles (carriage IAW 1.1.3.1.c. or 1.1.3.6, ADR) on how to respond in case of an accident or incident.

9.2.12. Pamphlet I/B (**Attachment 18 – Figure A18.1**); Verhalten bei einem Unfall oder Notfall, German-language version of Pamphlet I/A.

9.2.13. Maritime transportation. A checklist for the safe packaging and avoidance of pest contamination of freight containers is listed in the Code of Practice for Packing of Cargo Transport Units (CTU Code). The CTU Code is available through a searchable website on the UNECE.org website and is downloadable in Arabic, Chinese, English, French, German, Spanish and Russian languages. CTU checklist supplements, above checklists may be used for carriage of DG in a transport chain including maritime carriage.
<https://unece.org/transportintermodal-transport/imoilunece-code-practice-packing-cargo-transport-units-ctu-code>

Figure 9.1. Decision Chart for Checklists and Pamphlets.



*Note: Optional for on-base operations

Chapter 10

EXEMPTIONS FOR ON BASE TRANSPORTATION OF DANGEROUS GOODS

10.1. General Requirements. Within the boundaries of Spangdahlem AB and associated GSUs, surface road movements of HM must:

10.1.1. Comply with the provisions laid down in ADR; except for: **Note:** Follow instructions described after the corresponding ADR reference.

10.1.1.1. **Chapter 1.4**, ADR; Safety Obligations of the Participants. Functional elements including Shipper, Consignor, Carrier, Driver, Consignee, Loader, Filler, Packer, Receiver, must comply with duties and responsibilities specified in **Chapter 13**.

10.1.1.2. **Part 9**, ADR; Requirements concerning the construction and approval of vehicles. On-base movement of DG may be conducted with non-ADR-certified military vehicles meeting DOD standards.

10.1.1.3. Section 1.8.3, ADR; Safety Advisor. Installation Dangerous Goods Advisors must comply with provisions outlined in USAFE-AFAFRICAI 23-104. (T-2)

10.1.1.4. Section 5.1.2, ADR; Use of Overpacks. Overpacks used for packaging and transport of DG, including retail quantities in accordance with **paragraph 10.2** of this instruction, are not required to be marked and labeled IAW 5.1.2, ADR if marked according to **Chapter 8**. Orientation arrows required for the carriage of liquid DG are still required (Orientation arrows, illustrated in 5.2.1.9, ADR may be added manually on the outside of the package if the original handling labels are not available).

10.1.1.5. Section 2.2.1, ADR; Explosive substances and articles. For on-base transportation of ammunition and explosives, refer to AFMAN 91-201 and corresponding USAFE Sup1.

10.1.1.6. Section 5.4.1, ADR; Dangerous goods transport document and related information – In deviation from:

10.1.1.6.1. **Para 5.4.1.4.1**, ADR; the particulars to be entered in Transport Document may be drafted in English language only.

10.1.1.6.2. **Para 5.4.1.1.7**, ADR; the entry “Carriage in accordance with 1.1.4.2.1, ADR may not be added in Transport Document.

10.1.1.6.3. **Para 5.4.1.1.1** (h), ADR; the Transport Document may not reflect addresses if there are multiple consignees (multi-stops).

10.1.1.6.4. **Para 5.4.1.1.1** (f), ADR; the total quantity of DG referenced in the Transport Document may not be adjusted when providing multi-stop service to various customers.

10.1.1.6.5. Section 8.1.4.3, ADR; US standardized fire-extinguishers may be used.

10.1.1.6.6. **Para 5.4.1.1**, ADR; Transport documents are not required for shipments internal to the unit (i.e., DG is not transferred to a third-party during transport),

provided threshold limits specified in [table 1.1.3.6.3](#), ADR is not exceeded, and package is properly marked and labeled according to ADR and/or GHS/CLP.

10.1.1.6.6.1. **Note:** Transport documents are also not required for the carriage of DG in Tanks/Tank- vehicles if UN- and Hazard Identification Numbers are properly posted on orange-colored placards mounted at the front and back (or sides) of the transport unit.

10.1.1.6.7. **Para 5.4.1.1.7**, ADR; For on-base deliveries of DG to/from the Aerial Port, Shipper's Declaration for Dangerous goods according to IATA or AFM 24-604 may be used as Transport Documents. Additional information required by the ADR is not required in the Shipper's Declaration for Dangerous Goods.

10.2. Retail Quantities. The carriage of small quantities of DG (per vehicle) packaged for retail sale intended for the unit's use are exempt from the provisions of the ADR, except for the following:

- 10.2.1. Radioactive material (Class 7).
- 10.2.2. Threshold limits specified in 1.1.3.6.3, ADR must not be exceeded.
- 10.2.3. Total quantity must not exceed 60 liters of flammable liquids.
- 10.2.4. Total quantity must not exceed 240 liters of flammable liquids per vehicle.
- 10.2.5. Total quantity must not exceed one kg net mass for DG referenced in section 2.g. of Attachments [10](#) and [11](#) of this instruction (checklists II/A and II/B).
- 10.2.6. Packaging must be in proper condition, not damaged and tight.
- 10.2.7. Measures must be taken to prevent any leakage of contents during transportation.
- 10.2.8. DG shall be carried directly from the place of origin to the unit without delay.
- 10.2.9. DG must be marked and labeled IAW ADR or CLP.
- 10.2.10. Driver must be briefed on contents of DG and limits of this paragraph.

10.3. Carriage of Pressurized Cylinders.

- 10.3.1. Transportable pressure receptacles may:
 - 10.3.1.1. Only be transported with the shut-off valve closed and the required valve protection (e.g., protective cap or valve protection cage).
 - 10.3.1.2. Only be rolled on the devices provided for this purpose, e.g., rolling tires, bottle bases, or concave bottoms.
 - 10.3.1.3. Not be thrown.
 - 10.3.1.4. Only be handled with load-bearing equipment that reliably prevents damage to or dropping of the transportable compressed gas containers (magnetic cranes must not be used); and
 - 10.3.1.5. Not be lifted by the valve guard or the valve unless they are specially designed for this purpose.

10.3.2. A valve protection device is not required for the internal transport of transportable compressed gas containers with connected tapping devices when the shut-off valves are closed. This does not affect the intended gas supply of consumer appliances during the journey.

10.3.3. In the internal transport of acetylene cylinder bundles, the individual cylinder valves shall be open during transport. Bundles shall only be closed with the main shut-off valve.

10.3.4. During transport on vehicles and forklifts, compressed gas containers must be secured in such a way that they cannot move. During carriage in closed vehicles, including those with tarpaulins, there shall be adequate ventilation both above and below, e.g., by means of ventilation slits, so that no dangerous explosive atmosphere can arise.

Chapter 11

WAIVERS AND RESTRICTIONS FOR OFF BASE TRANSPORTATION OF DANGEROUS GOODS.

11.1. Mode Regulation. Surface road movements of dangerous goods, leaving or entering Spangdahlem Air Base (incl. GSUs located in Germany) must:

11.1.1. Comply with instructions laid down in ADR, except for below provisions outlined in italic letters: **Note:** Follow instructions described after the corresponding ADR reference.

11.1.1.1. Subsection 1.1.3.1 c). Units must comply with limits and standards described in the attached checklists (Attachments **10** and **11**).

11.1.1.2. Subsection 1.1.3.1 d). Section only applies to host nation emergency responders (i.e., German Army EOD, etc.).

11.1.1.3. **Chapter 1.4.** Units must comply with the duties and responsibilities of the functional elements described in **Chapter 13**. GSUs located outside Germany comply with USAFE-AFAFRICAI 23-104 and associated national requirements.

11.1.1.4. Section 1.8.3. USAFE-AFAFRICA DGAs comply with USAFE-AFAFRICAI 23-104 and obligations supplemented by this instruction.

11.1.1.5. Subsection 5.1.2.1.a) (i). The term ‘OVERPACK’ may be marked in the English language only (on the outside package).

11.1.1.6. Subsection 5.4.1.1. The English language only is authorized for the particulars to be entered in transport documents used for the carriage in a transport chain, including maritime or air carriage.

11.1.1.7. Subsection 7.5.11; Special Provision CV36. Open or ventilated transport units must be used for the carriage of DG, coded as ‘CV36’ in Table A, Column 18, ADR.

11.1.2. Comply with procedures outlined in this instruction (except for **Chapter 10**).

11.2. Additional Host Nation Requirements.

11.2.1. {{(GE-only)}} Shippers of DG will contact the servicing TMO or MCT to request routing permissions IAW § 35a, GGVSEB (German Regulation on the National and International Carriage of Dangerous Goods by Road, Rail, Inland Waterways) from host nation competent authorities for material/threshold limits listed and quantified in **Attachment 2**. (T-0). A copy of the routing permission must be issued to the driver prior to the journey. Drivers must be advised to strictly follow routing instructions as outlined in the routing permission.

11.2.2. Shippers of ammunition and/or explosives will ensure that host nation competent authority approvals required for certain types of Class 1 (i.e., Fireworks) are available and issued to consignor or carrier prior to shipment. (T-0).

11.2.3. {{(GE-only)}} Liquids or solids assigned to UN 2810 and UN 2811 must not be accepted for carriage. If required, contact the IDGA office for further assistance. (T-0).

11.2.4. {{(GE-only)}} Fire-Extinguishers according to 8.1.4.4, ADR must be re-inspected every two years by the competent authority. (T-0).

11.2.5. {{(GE-only)}} IDGA will inform the units of any additional waivers/restrictions that may apply to the carriage of DG in Germany as changes occur. **Note:** This instruction is focusing on the requirements and procedures that may apply to customs, road and diplomatic clearances, war weapon control act, positive inbound clearance, diplomatic or country clearances, 2+4 treaty, etc. In these cases, please contact your local TMO or MCT for further guidance.

11.3. Carriage of Tank-Vehicles (e.g., R-11 or C-300) on Low-bed Trailers .

11.3.1. Tank-Vehicles that don't possess a valid certificate of approval (e.g., USAFE-AFAFRICA Form 68) according to USAFE-AFAFRICA I 23-104, Figure A7-3 or ADR Section 9.1.3 and all tank-vehicles carried outside Germany must be drained and purged prior to off-base transportation. A tank cleaning document IAW **Paragraph 7.11** must be prepared and accompany the transport. Tank vehicles that are drained and purged are subject to UN 3166 and must only comply with special provisions applicable to this UN Number.

11.3.2. {{(GE-only)}} Tank vehicles with a valid certificate of approval carried within the borders of Germany may not be purged but are subject to the following conditions:

11.3.2.1. The tank must be drained according to specific operating instructions or technical orders.

11.3.2.2. No dangerous residues must adhere to the outside of the tank during carriage.

11.3.2.3. The tightness of the entire tank installation and its equipment must be checked and ensured. All openings must be closed during carriage.

11.3.2.4. The electrical system of the tank vehicle must be disconnected from the power supply via the battery master switch, if available.

11.3.2.5. The provisions of **Chapters 5.2** and **5.3** ADR concerning marking and labeling of the tank vehicle (carried as a load) must be observed (empty, un-purged tank vehicles must be treated as full).

11.3.2.6. The provisions of **Chapter 5.4**, ADR for transport documents and related information must be observed (incl. the proper entries in the transport document, e.g., "EMPTY TANK-VEHICLE, LAST LOAD: UN 1863 FUEL AVIATION, TURBINE ENGINE, 3, III, (D/E)").

11.3.2.7. The driver of the carrying vehicle (e.g., low-bed trailer) used for such transport must be in possession of a valid training certificate IAW **Part 8** of the ADR (Basic training and special training for the carriage in tanks).

11.3.2.8. The ADR does not require the carrying vehicle to be registered in accordance with Part 9 of the ADR. However, marking requirements, IAW **Chapter 5.3** ADR must be met (orange-colored plates required at the front and rear). Fire-Extinguishers and PPE described in **Paragraph 11.3.2.9** must also be available on the carrying vehicle.

11.3.2.9. Tank vehicles carried as loads must be equipped with miscellaneous equipment, equipment for personal protection and fire-extinguishers IAW ADR Chapter 8.1, and markings and placards according to ADR Chapter 5.3.

11.3.2.10. If the tank vehicle has been drained and purged, **Paragraph 11.3.1** applies.

11.3.3. To avoid any mission delays and/or additional costs when shipping or deploying tank vehicles, shippers must check No. 11, 12, and 13 of USAFE-AFAFRICA Form 68 for inspection due dates of the tank vehicle to ensure these dates will not expire during the time of transportation or deployment.

11.4. Host Nation Competent Authority Approvals (Waivers). (GE-only) Below waivers are general exemptions granted by the German Military Forces (GMF) that may be applied by the US Forces within the territory of Germany without any additional request or approval, provided conditions of these permits as described in **Attachment 28** have been met. Units wanting to benefit from the below derogations must ensure compliance with the terms of the waivers. The General Dangerous Goods Exemptions are temporary and revocable by the host nation competent authority (HNCA). IDGA will inform units of any revoked waivers immediately. The general dangerous good exemptions only apply to those modes of transport which are indicated by letters or terms in the title of each exemption. The letters or terms used have the following meaning:

11.4.1. 'S' for the carriage by road in vehicles (road transport);

11.4.2. 'E' for the carriage by rail (rail transport);

11.4.3. 'Air' for the transport by military aircraft – not subject to this instruction.

11.5. List of Waivers. (GE-only) List of military waivers ('Ausnahmegenehmigungen') that may be used by US Forces stationed in Germany (IAW Article 53 and 57 of the SOFA). See **Attachment 28** of this instruction for a detailed description and applicability of these exemptions. Additional 'single' derogations may be granted upon request for a limited period of time for transport of DG by the US armed forces in individual cases. If required, requests must be submitted via IDGA and chain of command to the HNCA. Expert statements & justifications must also be submitted by the requester upon request of the competent authority.

11.5.1. Waiver Nr. BW 01 (S, E, Air) - Carriage of DG with US military vehicles and aircraft

11.5.2. Waiver Nr. BW 02 (S) – Routing permit for the transport of dangerous goods

11.5.3. Waiver Nr. BW 03 (S, E) - No need to carry copies of waivers along during transportation

11.5.4. Waiver Nr. BW 06 (S) – Loading & off-loading of DG

11.5.5. Waiver Nr. BW 11 (S) – Test drives of vehicles off-base

11.5.6. Waiver Nr. BW 16 (S, E) – UN 2990 Packaging Waiver

11.5.7. Waiver Nr. BW 17 (S, E) – Danger labels w/ reduced size

11.5.8. Waiver Nr. BW 21 (S, E) - Transport of dangerous goods of class 1 in (old) palletized packages / suitable handling equipment.

11.5.9. Waiver Nr. BW 22 (S) - Limitation of the maximum permissible net masses of explosives per transport unit

11.5.10. Waiver Nr. BW 23 (S, E) - Packing of Class 1 articles together with non-hazardous goods (accessories)

11.5.10.1. **Note:** Original German versions of the above waivers are available at the IDGA office.

11.6. Guidelines Verifying the Gross Mass of Loaded Containers. The gross mass of large containers (e.g., 20' ISOs or MILVANs) carried in a multimodal transport chain marked for sealift transportation must be verified according to below guidelines approved by the Maritime Safety Committee (MSC) in directive MSC.1/Circ.1475.

11.6.1. The Shipper is responsible for the verification of the gross mass of a container carrying cargo and responsible for ensuring that the verified gross mass is documented on the shipping documents.

11.6.2. The SOLAS regulations prescribe two methods by which the shipper may obtain the verified gross mass of a packed container.

11.6.2.1. Method No. 1: Weighing the container after it has been loaded and sealed.

11.6.2.2. Method No. 2: The shipper (or, by the arrangement of the shipper, a third party) may weigh all packages and cargo items, including the mass of pallets, dunnage, and other packing and securing material to be packed in the container, and add the tare mass of the container to the sum of the single masses using a certified method as described in **Paragraph 11.6.2.3.**

11.6.2.3. Certification and approval of Method No. 2 is subject to competent authority (CA) determination of the State in which the packing and sealing of the container were completed. How the certification is to be done will be up to the State concerned and could pertain to either the procedure for the weighing or to the party performing the weighing or both.

11.6.2.3.1. {(GE-only)} In Germany, the Ship Safety Division of BG Verkehr is responsible for the implementation of MSC.1/Circ.1475. Both Methods, No. 1 and No. 2, are authorized in GE if the following additional requirements are met:

11.6.2.3.1.1. Method No. 1: Scales of accuracy class III (IV) or higher must be used IAW Directive 2014/31/EC.

11.6.2.3.1.2. Method No. 2: Weighing must be done with scales of accuracy class III of Directive 2014/31/EC. Shipper must ensure that the determination of the container gross mass (by calculating the individual components) is completed with existing certification methods (e.g., ISO 9001) and by retaining already developed business processes.

11.6.2.3.1.3. See link for 'procedures (sample)' verifying the container gross mass. Procedures shall be implemented as unit checklists and/or embedded in unit SOP to ensure compliance with the above certification requirements.
<http://www.deutsche-flagge.de/en/downloaden/safety-and-security/cargo/container/model-procedure-for-determining-the-gross-mass-of-a-cargo-container-method-2>.

11.6.2.3.2. Shippers of large containers located outside Germany (e.g., GSUs) must contact Host Nation CAs for the applicability of verification methods described in Paragraphs [11.6.2.1](#) and [11.6.2.2](#).

11.6.3. Documentation. The SOLAS regulations require the shipper to verify the gross mass of the packed container using Method No.1 or Method No.2 and to communicate the verified gross mass in a shipping document. This document can be part of the shipping instructions to the shipping company or a separate communication (e.g., a declaration including a weight certificate produced by a weigh station utilizing calibrated and certified equipment on the route between the shipper's origin and the port terminal). In either case, the document should clearly highlight that the gross mass provided is the 'verified gross mass,' i.e., the total gross mass of a packed container as obtained by one of the methods described in [Paragraph 11.6.2](#) above.

Chapter 12

CRAFTSMAN REGULATION.

12.1. General Requirements. The carriage of dangerous goods undertaken by civil engineering or construction units which is ancillary to their main activity (e.g., transport, such as supplies for building and civil engineering sites, in conjunction with repairs and maintenance work) is subject to exemptions described in ADR 1.1.3.1(c) and this Chapter. (T-0). For the safe transport of small quantities of dangerous goods by a craftsman (on/off-base), the following regulations shall apply.

12.2. Training. The vehicle crew (craftsman) must be briefed on the following:

12.2.1. Contents of DG carried on the vehicle (Safety- and Awareness Training).

12.2.2. Hazard characteristics of DG IAW Safety Data Sheets.

12.2.3. Emergency actions IAW **Chapter 3** and **Attachment 17** of this instruction.

12.2.4. Requirements described in this Chapter and on maximum quantities of DG authorized on vehicles IAW ADR Section 1.1.3.6 and Paragraph 12.3 below. **Note:** Training of craftsman assigned to the Squadron can be carried out by a qualified UDGA.

12.3. Packaging. Dangerous goods shall be packed in good quality packages IAW 4.1.1.1, 4.1.1.2, and 4.1.1.7 of the ADR, strong enough to withstand the shocks and loadings normally encountered during carriage. Measures must be taken to prevent leakage of contents during normal conditions of transportation. (T-0). Additionally, it must be ensured that:

12.3.1. Whenever possible, DG is kept in their original packages during transport.

12.3.2. Whenever possible, danger labels, UN No.'s, and DG markings shall remain visible on the outside of packages carrying DG.

12.3.3. If so-called inner packages such as spray cans, aerosol dispensers, aerosol dispensers, or smaller plastic or metal canisters are purchased (or issued by the servicing HAZMAT Tracking Activities), it's possible that these packages are not marked with danger labels and UN No.'s. In this case, at least the OSHA markings/symbols must be shown on the packaging (e.g., OSHA Pictograms).

12.3.4. No residue of DG adheres to the outside of packages.

12.3.5. Packages are closed and sealed to prevent any loss of contents during transport.

12.3.6. DG that may react dangerously with each other are not packed in the same outer packaging.

12.3.7. Valves of pressure receptacles are protected against damage, as described in 4.1.6.8 of the ADR.

12.4. Quantities (threshold limits). The maximum quantity of dangerous goods loaded into a single transport unit (e.g., Van) must not exceed:

12.4.1. The limits prescribed in ADR, Subsection 1.1.3.6.

12.4.2. A maximum of 450 Liter per package.

12.4.3. {(GE-only)} For units located in Germany, the following additional limitations apply (per transport unit):

12.4.3.1. Maximum 3 kg NEW of explosive substances assigned to Class/Division 1.1, 1.2, 1.3 or 1.4.

12.4.3.2. Maximum 5 kg gross weight of explosive articles assigned to Class/Division 1.1, 1.2, or 1.3.

12.4.3.3. Maximum 50 kg gross weight of explosive articles assigned to Class/Division 1.4.

12.4.3.4. Maximum one kg net mass for the following DG:

12.4.3.4.1. For self-reactive solids and liquids, solid desensitized explosives and substances related to self-reactive substances of Class 4.1.

12.4.3.4.2. Substances of Class 4.2.

12.4.3.4.3. Substances of Class 4.3, assigned to packing groups I and II.

12.4.3.4.4. Substances of Class 5.1, assigned to packing group I.

12.4.3.4.5. Substances of Class 5.2.

12.4.3.5. Class 7, radioactive material is forbidden for carriage IAW craftsman's regulation.

12.5. Special Cases.

12.5.1. Carriage of construction machines

12.5.1.1. Self-propelled construction machinery (e.g., excavators) or non-self-propelled construction machinery (e.g., power generators) must be securely affixed to the loading platform, and the fuel tank must be closed.

12.5.1.2. If there are more than 60 liters of flammable liquid in a fuel tank having a capacity of more than 450 liters, class 3 danger labels must be affixed on both sides of the machine.

12.5.1.3. Devices in construction site containers for residential and recreational purposes, working machines for earthwork, and road construction are exempt from dangerous goods regulations. Measures must be taken to prevent contents from being released.

12.5.2. Carriage of Lithium Batteries. Lithium batteries may react very violently (with heat and fire) in case of a short circuit or other damage. If the batteries remain in the devices, protection against short circuits is guaranteed, and usually, mechanical damage is excluded. If spare batteries are carried along, they should be secured against movement within the packaging. E.g., special fixtures in toolboxes in which the batteries may be inserted. Alternatively, rechargeable batteries may also be transported in suitable outer packages, fitted with suitable devices inside to prevent transported batteries from being short-circuited. Lithium batteries that are obviously damaged must not be carried and/or disposed of IAW

Chapter 12.

12.6. Vehicle Requirements.

12.6.1. Vehicles must be suitable for the carriage of DG, and it must be possible to safely secure the load in or on the vehicle (e.g., use of lashing points) according to load securing regulations (e.g., VDI 2700).

12.6.2. {(GE-only)} Hazardous substances for which ADR, Special Provision CV 36 applies, or Gases of class 2 shall be transported in open or ventilated vehicles (e.g., two ventilation openings with each having a cross-section of at least 100 sq/cm).

12.6.2.1. A risk analysis may be conducted to exclude the possibility of an unacceptable risk from the gases carried in the vehicle. The result of the analysis may justify using a closed vehicle versus an open vehicle. A marking IAW with CV 36 (“Warning No Ventilation Open with Caution”) must then be affixed at the vehicle cargo doors.

12.6.2.2. Cylinders, pressurized receptacles, and aerosol cans may remain in a closed vehicle only during transport and must be taken out immediately upon arrival.

12.6.3. Vehicles must be furnished with the following functional equipment and documents:

12.6.3.1. Warning Vest (Ref.: StVZO, [Para 53a](#))

12.6.3.2. First Aid Kit (Ref.: StVZO, [Para 35h](#));

12.6.3.3. Warning Triangle (Ref.: StVZO, [Para 53a](#));

12.6.3.4. Warning Lamp or Portable Blinking Light – mandatory on vehicles having a permissible mass exceeding 3.5 tons (Ref.: StVZO, [Para 53a](#));

12.6.3.5. Wheel Chocks – e.g., mandatory on vehicles having a permissible mass exceeding 4.0 tons and trailers with two axles exceeding a permissible mass of 750 kg (Ref.: StVZO, [Para 41\(14\)](#));

12.6.3.6. Load Securing Devices (e.g., tie-down straps), (Ref.: GGVSEB, Para 19);

12.6.3.7. Fire-extinguisher – not mandatory by regulation but recommended!

12.6.3.8. Copy of Pamphlet I/A ([Attachment 17 – Figure A17.1](#)) or I/B ([Attachment 18 – Figure A18.1](#)) - Instructions concerning the ‘Behavior in Case of an Accident or Incident.’

12.6.4. Craftsman shall use checklists listed in Attachments [10](#) or [11](#) (German Version) to ensure compliance with regulations. Random checks shall be conducted and documented.

Chapter 13

DUTIES AND RESPONSIBILITIES OF PERSONNEL INVOLVED IN THE CARRIAGE OF DANGEROUS GOODS.

13.1. General. This Chapter supplements USAFE-AFAFRICAI 23-104 with specific requirements applicable in the AOR of this instruction. The participants in the carriage of dangerous goods must comply with the requirements of the ADR/RID/IMDG-Code and local DG regulations described in this instruction. (T-0). They must take appropriate measures according to the nature and the extent of foreseeable dangers to avoid damage or injury and, if necessary, to minimize their effects.

13.2. Compliance. Obligations described in this Chapter are based on host nation dangerous goods regulations. They are not intended to be exhaustive and may not reflect all possible scenarios and processes. Rather, these responsibilities are listed in the local catalog of fines and may be subject to fines, mission delay, or mission stoppage if violated and inspected by competent authorities. Use checklists described in [Chapter 9](#) to ensure compliance with DG regulations and instructions.

13.3. Participants. [Chapter 13](#) describes the duties of the participants involved in the carriage of DG, i.e., units executing e.g., shipper-, loader- or carrier-duties, described in [Paragraph 13.4](#), and supplement the duties and responsibilities of the unit commanders and dangerous goods advisors (IDGAs and UDGAs), as outlined in USAFE-AFAFRICAI 23-104. [Table A26.1](#) and [Table A27.1](#) may be used to identify the unit's obligations and training requirements IAW [Chapter 13](#) and DG regulations. Military specific requirements concerning the transport of dangerous goods that are required by other U.S. military regulations (e.g., DTR) remain unaffected and shall be carried out by the participants, as required. Unless bilateral agreements between the units deviate, the participants involved in the carriage and handling of DG must comply with duties and responsibilities described in [Paragraph 13.4](#), as applicable.

13.3.1. The Shipper. Any unit which mandates a consignor to act as such and to consign dangerous goods on its own behalf or by means of a third person. See [Paragraph 13.4.1](#) below for duties and responsibilities.

13.3.2. The Consignor. Consignor means the unit which consigns dangerous goods (i.e., entering Dangerous Goods into public traffic) either on its own behalf or for a third party (e.g., for the shipper). See [Paragraph 13.4.2](#) below for duties and responsibilities.

13.3.3. The Packer. Packer means any unit which puts dangerous goods into packages, including large packages and intermediate bulk containers (IBCs) or prepares packages for carriage. Packer also means any unit which changes packages or their marking or labeling. See [Paragraph 13.4.3](#) below for duties and responsibilities.

13.3.4. The Loader. Loader means any unit which loads packaged dangerous goods, small into or onto a vehicle or loads a container, bulk container onto a vehicle. Loader also means any unit which, as the direct owner, carries dangerous himself or passes dangerous goods over to a carrier for carriage. See [Paragraph 13.4.4](#) below for duties and responsibilities.

13.3.5. The Filler. Filler means any unit which fills dangerous goods into a tank, tank-vehicle, demountable or portable tank, tank-container, large container, or small container for

carriage in bulk, a bulk container, in a vehicle for carriage in bulk, or a cargo tank. See [Paragraph 13.4.5](#) below for duties and responsibilities.

13.3.6. The Carrier. Carrier means the unit which carries out the transport operation with or without a transport contract. See [Paragraph 13.4.6](#) below for duties and responsibilities.

13.3.7. The Driver. Persons who drive vehicles carrying dangerous goods, either driver with ADR training certificates IAW [Chapter 8.2](#) ADR, or drivers without ADR training certificates, carrying dangerous goods in quantities not exceeding the threshold limits of section 1.1.3.6 ADR. If the driver does not load the vehicle himself, he remains responsible alongside the person who is actually loading, within the scope of reasonable influence. The driver of the vehicle is obliged to check the load securing before departure by conducting an external inspection and to correct any visible defects during the journey. See [Paragraph 13.4.7](#) below for duties and responsibilities of ADR-certified drivers carrying DG on placarded vehicles.

13.3.7.1. **Note:** Obligations and training requirements of drivers carrying DG on non-placarded vehicles can be obtained from [Table A27.1](#).

13.3.8. The Unloader. Unloader means the unit which removes a container, bulk-container, tank-container or portable tanks from a vehicle, unloads packaged dangerous goods, small containers, or portable tanks out of or from a vehicle or container or discharges dangerous goods from a tank or from a vehicle, large or small container for carriage in bulk or a bulk-container. See [Paragraph 13.4.8](#) below for duties and responsibilities.

13.3.9. The Consignee. Consignee means the unit according to the contract for carriage. If the consignee designates a third party in accordance with the provisions applicable to the contract for carriage, this person shall be deemed to be the consignee within the meaning of ADR. If the transport operation takes place without a contract for carriage, the enterprise which takes charge of the dangerous goods on arrival shall be deemed to be the consignee. See [Paragraph 13.4.9](#) below for duties and responsibilities.

13.3.10. The Unit Commander. For the purpose of the instruction, unit commanders are primarily commanders of squadrons involved in the handling and carriage of DG with duties and responsibilities described in [Chapter 13](#). To perform assigned duties, the unit commander will appoint a primary and alternate UDGA ([Paragraph 13.3.12](#)) to perform duties on his behalf. Regardless of the appointment, the unit commander remains responsible for compliance. If UDGAs are appointed at the group level (by the group commander), [Paragraph 13.4.10](#) applies to the group commander. See USAFE-AFAFRICAI 23-104, and [Paragraph 1.2.2](#) and [13.4.10](#) of this instruction for duties and responsibilities of the Unit Commander.

13.3.11. The Installation Dangerous Goods Advisor (IDGA). IDGAs are trained and appointed individuals executing the Installation Dangerous Goods Program on behalf of the 52FW/Commander. (T-0). See USAFE-AFAFRICAI 23-104 and [Paragraph 1.2.3.1](#) and [13.4.11](#) for duties and responsibilities of the IDGA.

13.3.12. The Unit Dangerous Goods Advisor (UDGA). UDGAs are trained and appointed individuals tasked to implement and execute the applicable elements of the Command Dangerous Goods Program and this instruction on behalf of their SQ or GP Commanders.

See USAFE-AFAFRICAI 23-104 and Paragraph [1.2.3.2](#) and [13.4.12](#) of this instruction for specific duties and responsibilities.

13.3.13. The Dangerous Goods Certifying Official (DCO). DCOs are trained and appointed individuals mandatory in units executing ‘consignor’ duties (units entering DG into public traffic). DCOs are also required in units executing ‘loader’ duties when required to sign and complete a vehicle/container packing certificate. DCOs declare, by signing the required transport document (e.g., DD Form 2890) or vehicle/container packing certificate (e.g., DD Form 2781) that the contents of the consignment are fully and accurately described in the transport document and Hazmat is correctly classified, packaged, marked, and labelled/placarded and in all respects in proper condition for transport according to applicable international and national governmental regulations. (T-1). See USAFE-AFAFRICAI 23-104 and [Paragraph 13.4.13](#) of this instruction for specific duties and responsibilities.

13.3.14. The Craftsman. Craftsmen of this instruction are individuals assigned to Civil Engineering units carrying DG to constructions sites, etc., in connection with their main activities. The amount of DG carried should correspond to their daily requirements, if quantities of DG carried in a vehicle do not exceed the limits prescribed in [Paragraph 12.4](#). See [Chapter 12](#) for duties and responsibilities of craftsman carrying DG.

13.4. Safety Obligations. Persons employed by organizations whose duties concern the carriage of dangerous goods must be familiar with the requirements governing the carriage of such goods appropriate to their responsibilities and duties. (T-0). Each Unit Commander must ensure, through the appointed UDGA, that all persons involved in the carriage of dangerous goods are trained IAW [Chapter 6](#) of this instruction according to their functions and aware of their obligations (see Tables [A26.1](#) and [A27.1](#)). Employees must be trained before assuming responsibilities and must only perform functions for which required training has been provided, under the direct supervision of a trained person. Persons involved in the carriage of DG must, based on their functions, comply with the following safety obligations, as applicable.

13.4.1. The Shipper will:

13.4.1.1. Proper Classification. Ensure before tasking the consignor that the dangerous goods are classified IAW [part 2](#) of ADR and authorized for transport IAW ADR and [Chapter 11](#) of this instruction. (T-0).

13.4.1.2. Advanced Shipping Information. Ensure that the information under subsections 5.4.1.1, 5.4.1.2 and paragraphs 5.5.2.4.1, 5.5.2.4.3 and 5.5.3.7.1 of ADR/RID, except for the name and address of the consignor under 5.4.1.1.1 (g) of ADR in regards carriage by road, is provided to the consignor in writing or electronically. (T-0). Fumigated Transport Units. Ensure that the information under subsections 5.4.1.1, 5.4.1.2, and paragraphs 5.5.2.4.1, 5.5.2.4.3, and 5.5.3.7.1 of ADR, except for the name and address of the consignor under 5.4.1.1.1 (g) of ADR is provided to the consignor in writing or electronically. (T-0).

13.4.1.3. Routing Permission (GE-only). Ensure if dangerous goods are carried by road, which is subject to [Paragraph 11.2.1](#) of this instruction, to advert the consignor in writing or electronically to the consideration of these requirements. (T-0).

13.4.1.4. Limited and Excepted Quantities. Ensure that in case of transport under [Chapter 3.4](#), the consignor is informed of the dangerous good in limited quantities

stating the gross mass and, in case of transport under **Chapter 3.5**, the consignor is informed of the dangerous good in excepted quantities stating the number of packages, except for carriage under subsection 3.5.1.4 of ADR. (T-0).

13.4.2. The Consignor will:

13.4.2.1. Advance Notification. In writing or electronically, inform the carrier and, if necessary, the loader on dangerous goods offered for carriage via road/rail on:

13.4.2.1.1. Types of dangerous goods by means of the information under **paragraph 5.4.1.1.1** (a) to (d) of the ADR/RID. (T-0).

13.4.2.1.2. {{(GE-only)}} Dangerous goods that require routing permits IAW **Paragraph 11.2.1** and **Attachment 2** of this instruction and on the consideration of these requirements. (T-0).

13.4.2.1.3. For transport IAW **Chapter 3.4** and 3.5 of ADR/RID, provide a general reference of the dangerous goods in limited and excepted quantities. (T-0)

13.4.2.2. Limited Quantity Gross Mass. In advance of carriage under section 3.4.12 of ADR/RID, inform the carrier in a traceable form of the total gross mass of the dangerous goods to be consigned in limited quantities. (T-0).

13.4.2.3. Proper Classification. Ensure before initiating the transport and before handing over dangerous goods for carriage that the dangerous goods are classified in accordance with part 2 of ADR/RID and are authorized for transportation. (T-0).

13.4.2.4. Exemptions and Waivers. Ensure that the particulars specified in an exemption or waiver are entered into the transport document. (T-0).

13.4.2.5. Proper Packages. Ensure that only packages, large packages, IBCs, and tanks which are approved and suitable for the carriage of the dangerous goods IAW ADR/RID Chapter 3.2, ADR table A, subsection 1.1.4.3 or table A of **Chapter 3.2** are used. (T-0).

13.4.2.6. Notification on Radioactive Material. Ensure that the competent authority is notified under paragraph 5.1.5.1.4 of ADR/RID. (T-0).

13.4.2.7. Radioactive Material Package Design. Have a copy of the instructions under **paragraph 4.1.9.1.9** and a copy of the required certificates under **paragraph 5.1.5.2.2** and, upon request, make documentary evidence available to the competent authority under paragraph 5.1.5.2.3 of ADR/RID. (T-0).

13.4.2.8. Transport Document. Ensure that a transport document is provided containing the information, instructions, and notifications required in ADR, section 5.4.1, the applicable special provisions in **Chapter 3.3**, as well as paragraphs **5.5.2.4.1**, **5.5.2.4.3**, and **5.5.3.7.1** and subsection 6.7.1.3. (T-0).

13.4.2.9. Radioactive Material Competent Authority Certificates. Ensure that the certificates IAW 5.4.1.2.5.4 of ADR/RID are made available to the carrier prior to loading and unloading. (T-0).

13.4.2.10. Accompanying Documents. Ensure that the required accompanying documents under the applicable special provisions of Chapter 3.3 of ADR/RID,

paragraph 4.1.3.8.2 of ADR/RID, subsection 5.4.1.2, and section 5.4.2 of ADR/RID are enclosed with the transport document. (T-0).

13.4.2.11. Fumigated Transport Units. Inform the loader in writing or electronically of the fumigation of units. (T-0).

13.4.2.12. Document File. Retain a copy of the dangerous goods transport document and additional information and documentation as specified in ADR for a minimum period of two years from the end of the transport operation IAW DTR Part II (204-4). (T-0).

13.4.2.13. Waivers and Exemptions. Ensure that copies of waivers or exemptions granted by host nation competent authorities are provided to the carrier prior to transportation. (T-0).

13.4.2.14. Carriage and Handling of Tanks, Tank-Containers, and Tank-Vehicles. Comply with additional safety obligations concerning:

13.4.2.14.1. The carriage of Tanks and Tank-Container IAW **Paragraph 13.4.14** (T-0).

13.4.2.14.2. The carriage of tank vehicles on low-bed trailers IAW **Paragraph 11.3** (T-0).

13.4.2.15. Driver Briefing. Ensure that drivers that don't possess an ADR driver certificate are briefed on the contents, and hazard characteristics of the DG offered for transportation. The content of the briefing must be documented. (T-0)

13.4.2.16. In regards carriage by rail, the consignor will

13.4.2.16.1. Comply with the provisions for carriage as express goods under Chapter 7.6 of RID. (T-0)

13.4.2.16.2. Ensure that even empty uncleaned wagons, large containers, and small containers for carriage in bulk as well as bulk containers display:

13.4.2.16.2.1. Placards under subsection 5.3.1.6 of RID. (T-0).

13.4.2.16.2.2. The orange-colored plates under **paragraph 5.3.2.1.7**, with the exception of paragraph 5.3.2.1.5 of RID. (T-0).

13.4.2.16.2.3. Marks under section 5.3.6 of RID; and

13.4.2.16.2.4. Shunting labels under section 5.3.4 of RID.

13.4.2.16.3. Ensure that the transport document contains the information specified under paragraph 1.1.4.4.5 of RID. (T-0).

13.4.2.17. In regards carriage in a transport chain which includes maritime transport, the consignor will:

13.4.2.17.1. Dangerous Goods Authorized for searift. Before handing over packaged dangerous goods for transport, ascertain that the dangerous goods are classified in accordance with part 2 of the IMDG-Code and that their transport is not prohibited in accordance with section 1.1.3, subsection 3.1.14 or special provision 349, 350, 351, 352, 353, or 900 in Chapter 3.3 of the IMDG-Code. (T-0)

13.4.2.17.2. Transport Document. For the transport of packaged dangerous goods, prepare a transport document that includes the information required in section 5.4.1 of the IMDG-Code and Section 6 paragraph 1 no 1. (T-0)

13.4.2.17.3. Bill of Lading of Consignment Note. For the transport of packaged dangerous goods, enter the particulars required in paragraph 5.4.5.4.2, 5.5.2.4.1 and 5.5.3.7.1 of the IMDG-Code in a bill of lading or a consignment note. (T-0)

13.4.2.17.4. Proper Packaging. Only use packaging, IBC, large packaging's, portable tanks, multiple-element gas containers (MEGCs) or bulk containers for dangerous goods if these are authorized for the respective goods in accordance with **Chapter 3.2** in conjunction with Chapters 3.3, 3.4, 3.5, 4.1, 4.2, 4.3 and 7.3 of the IMDG-Code and bear the approval marks required by the IMDG-Code or, for bulk containers which are no freight containers, are approved by the competent authority. (T-0)

13.4.2.17.5. Marking, Labelling and Placarding. Only offer unpackaged articles, packaging's, overpack, IBCs, large packaging's, portable tanks, multiple-element gas containers (MEGCs) or bulk containers for transport if they are marked, labelled, and placarded in accordance with the requirements of **Chapter 3.2** in conjunction with **Chapters 3.3, 3.4, 3.5**, sections 5.1.1 to 5.1.4 and 5.1.6 as well as paragraph 5.1.5.4.1 and Chapters 5.2 and 5.3 of the IMDG-Code. (T-0)

13.4.2.17.6. Fumigation. Only offer fumigated cargo transport units or cargo transport units containing substances used for cooling or conditioning purpose which may present a risk of asphyxiation for transport if they are marked in accordance with the requirements of subsections 5.5.2.3 or 5.5.3.6 of the IMDG-Code. (T-0)

13.4.2.17.7. Document. Transmit the following documents to the carrier before loading the vessel:

13.4.2.17.7.1. A transport document signed by a DCO that includes the information required in section 5.4.1 of the IMDG-Code. With regard to packaged dangerous goods, the information required in section 5.4.1 of the IMDG-Code, the transport document shall also include the name and address of the issuing unit acting as consignor, as well as the name of the DCO signing the document; different dangerous goods of one or more classes may be listed with the required particulars together in one transport document in accordance with section 5.4.1 of the IMDG-Code if stowage in one cargo hold or in one cargo transport unit is permitted for these goods in accordance with Chapters 3.2, 3.3, 3.4, 3.5 or 7.2 to 7.7 of the IMDG-Code. (T-0)

13.4.2.17.7.2. The CTU packing certificate (signed by the loader of the CTU) required IAW section 5.4.2 of the IMDG-Code and Paragraph 13.4.4.22.11 of this instruction. (T-0)

13.4.2.17.8. Document File. Retain a copy of the transport document for a period of two years from the end of the transport operation in accordance with DTR Part II (204-4). (T-0)

13.4.2.17.9. Radioactive Material. (T-0)

13.4.2.17.9.1. Ensure that the competent authority is notified in accordance with

paragraph 5.1.5.1.4 of the IMDG-code. (T-0)

13.4.2.17.9.2. Only hand over a package for transport if a copy of the instruction in accordance with [paragraph 4.1.9.1.9](#) and a copy of the certificates required in accordance with [paragraphs 5.1.5.2.2](#) are available and shall on request of the competent authority, make available documentary evidence in accordance with paragraphs 5.1.5.2.3 of the IMDG-Code. (T-0).

13.4.2.17.10. Bulk Shipments. Contact the IDGA office for any restrictions concerning the carriage of dangerous goods in solid or liquefied form in bulk. (T-0)

13.4.3. The Packer will:

13.4.3.1. Limited Quantities. Comply with the provisions on packing, placement in overpacks, and marking under sections 3.4.1 to 3.4.11 of ADR/RID. (T-0).

13.4.3.2. Excepted Quantities. Comply with the provisions on packing, placement in overpacks, and marking under sections 3.5.1 to 3.5.4 of ADR/RID. (T-0).

13.4.3.3. Leak proofness Test and Quality Assurance. Comply with the provisions concerning the use and leak proofness test after filling of pressure receptacles, packaging's including IBCs, and large packaging's under sections 4.1.1 to 4.1.9 and paragraphs 6.2.6.3.2.1 and 6.2.6.3.2.2 of ADR/RID as well as the applicable special provisions of Chapter 3.3 of ADR/RID. (T-0).

13.4.3.4. Compatibility. Comply with the requirements for mixed packing under [paragraph 1.1.4.2.1](#) (b) of ADR/RID in a transport chain including maritime or air carriage; and section 4.1.10 of ADR/RID. (T-0).

13.4.3.5. Marking and Labelling. Comply with the provisions on the marking and labeling of packages under [paragraph 1.1.4.2.1](#) (a) of ADR/RID in a transport chain including maritime or air carriage; and of packages under sections 5.1.4, 5.1.5, 5.2.1, 5.2.2, subsection 5.5.3.4 as well as the applicable special provisions of Chapter 3.3 of ADR/RID. (T-0).

13.4.3.6. Overpacks. Secure packages within the overpacks; comply with the provisions on the use overpacks IAW 5.1.2 of ADR/RID; and the labeling of overpacks containing radioactive material under paragraph 5.2.2.1.11 of ADR/RID. (T-0).

13.4.4. The Loader will:

13.4.4.1. Dangerous Goods Authorized for Road Transportation. Only hand over dangerous goods to the carrier for transportation if they are accepted for carriage IAW ADR/RID and [Chapter 11](#) of this instruction. (T-0).

13.4.4.2. Incomplete or Damaged Packages. Ensure, when handing over packed dangerous goods or uncleaned empty packages for carriage, examine the packaging for evidence of incompleteness or damage or for dangerous residue at the outer surface. The loader shall not hand over DG which is clearly incomplete or damaged, especially if the dangerous good leaks or there is a risk of its leaking, or to the outer surface of which dangerous residues adhere until the defect has been repaired. This also applies to carriage under Chapters 3.4 and 3.5 of ADR/RID. (T-0).

13.4.4.3. Partial Emptying of Packages. Ensure that a package from which a part of the dangerous good contained in it has been removed is loaded only if the packaging complies with the provisions of subsection 4.1.1.1 of ADR/RID. (T-0).

13.4.4.4. Empty Packages. Ensure that the provisions concerning empty packages under subsection 4.1.1.11 in conjunction with subsection 4.1.1.1 of ADR/RID/RID are complied with. (T-0).

13.4.4.5. Fumigation and Coolant Markings. Ensure that a warning mark under **Paragraphs 5.5.2.3.1. And 5.5.3.6.1.** of ADR/RID/RID is applied. (T-0).

13.4.4.6. Limited Quantity Markings. Ensure that the marking provisions under sections 3.4.13 to 3.4.15 ADR/RID are complied with. (T-0).

13.4.4.7. Excepted Quantity Limitations. Ensure that the maximum number of packages under section 3.5.5 of ADR/RID is not exceeded. (T-0).

13.4.4.8. Vehicles/Containers Containing Unpacked Dry Ice. Ensure that the measures in accordance with subsection 5.5.3.5 of ADR/RID are taken where dry ice in unpackaged form is used. (T-0).

13.4.4.9. Advance Notification. Inform the driver of the dangerous goods by means of the information IAW with **paragraph 5.4.1.1.1** (a) to (d) of ADR and, if substances require a routing permit IAW **Paragraph 11.2.1** of this instruction, advert him in writing or electronically to the consideration of these requirements. For carriage under Chapters 3.4 and 3.5 of ADR, only a general reference to the dangerous good in limited or exempted quantities is required. (T-0).

13.4.4.10. Carriage in Tanks. Ensure that the provisions concerning vehicles carrying tank containers, portable tanks, and MEGCs under section 7.4.1 of ADR are complied with. (T-0).

13.4.4.11. Marking and Labeling of Empty Uncleaned Packages. Ensure that the provisions concerning labels and marks under subsection 5.1.3.1 in conjunction with Chapter 5.2 of ADR are complied with. (T-0).

13.4.4.12. Placarding and Marking of Containers. Ensure that containers containing packages bear placards under subsection 5.3.1.2, orange-colored plates under **paragraph 5.3.2.1.4**, and the Environmentally Hazardous Substance mark under section 5.3.6 of ADR. (T-0).

13.4.4.13. CSC Provisions. Ensure that only containers which comply with the technical requirements under sections 7.1.3 and 7.1.4 of ADR are used. (T-0).

13.4.4.14. Tanks-Containers and MEGCs. Ensure that for tank-containers and MEGCs, the provisions under **paragraph 4.3.2.3.2** and for portable tanks, the provisions under subsection 4.2.2.3, 4.2.3.3, or 4.2.4.3 of ADR are complied with. (T-0).

13.4.4.15. Loading and Handling Requirements. Comply with the provisions concerning loading and handling under subsections 7.5.1.2, 7.5.1.4, and 7.5.1.5, and sections 7.5.2, 7.5.5, 7.5.7, 7.5.8, and 7.5.11 of ADR and RID, as applicable. (T-0).

13.4.4.16. General Safety Requirements. Comply with the provisions concerning:

- 13.4.4.16.1. Shading from direct sunlight and from the effect of heat sources as well as placement inadequately ventilated areas under special provision 314 (b) in section 3.3.1 of ADR/RID or subsection 7.1.7.1 of ADR. (T-0).
- 13.4.4.16.2. Carriage in packages under Chapter 7.2 of ADR/RID. (T-0).
- 13.4.4.16.3. The prohibition of smoking under section 7.5.9 in conjunction with section 8.3.5 of ADR. (T-0).
- 13.4.4.16.4. The prohibition of smoking, fire, and naked flame during handling operations in the vicinity of vehicles or containers and inside the vehicles or containers IAW **paragraph 3** of additional requirement S1 in Chapter 8.5 of ADR. (T-0).
- 13.4.4.17. Mixed Loads of Dangerous Goods and Food. Comply with the provisions under section 7.5.4 of ADR/RID on precautions with respect to foodstuffs, other articles of consumption, and animal feeds. (T-0).
- 13.4.4.18. Special Provision CV36. Comply with the provisions on the loading of packages in open or ventilated vehicles or open or ventilated containers or on affixing the mark under special provision CV36 in section 7.5.11 of ADR. (T-0).
- 13.4.4.19. Accident/Incident Report. Ensure, with the assistance of the Unit DGA, that IAW subsection 1.8.5.1 of ADR/RID and **paragraph 3.3** of this instruction a report is submitted to the IDGA office immediately after an accident/incident has occurred. (T-0).
- 13.4.4.20. Non-compliance with Radiation Levels. IAW with subsection 1.7.6.1 (b) of ADR/RID, in the event of a non-compliance with any limit applicable to radiation level or contamination, investigate the non-compliance and its causes, circumstances, and consequences and take appropriate action to remedy the causes, circumstances, and consequences and prevent a recurrence of similar circumstances to those that led to the non-compliance, and shall ensure that the authority competent IAW Land law is informed (thru the IDGA office). (T-0).
- 13.4.4.21. Carriage and Handling of Tanks, Tank-Containers, and Tank-Vehicles. Comply with additional safety obligations concerning: (T-0).
- 13.4.4.21.1. The carriage of Tanks and Tank-Container IAW **paragraph 13.4.14** of this instruction; (T-0).
- 13.4.4.21.2. The carriage of tank vehicles on low-bed trailers IAW **paragraph 11.3** of this instruction. (T-1).
- 13.4.4.22. As required carriage by rail, the loader will:
- 13.4.4.22.1. Ensure that the provision concerning labels and marks under subsection 5.1.3.1 in conjunction with Chapter 5.2 of RID are complied with. (T-0).
- 13.4.4.22.2. Ensure that placards under subsections 5.3.1.2, 5.3.1.3 and 5.3.1.5 as well as under **paragraph 1.1.4.4.4** for piggyback transport, shunting labels under section 5.3.4 as well as the mark under section 5.3.6 of RID are affixed to large containers and wagons containing packages, bulk containers as well as carrying wagons. (T-0).

- 13.4.4.22.3. Ensure orange-colored plates under [paragraph 5.3.2.1.1](#) sentence 1 indent 9 and paragraph 5.3.2.1.2 of RID are affixed to a wagon or container: (T-0) and
- 13.4.4.22.4. Ensure orange-colored plates under [paragraph 5.3.2.1.5](#) as well as for piggyback transport the marks or orange-colored plates under paragraph 1.1.4.4.4 of RID are affixed to carrying wagons. (T-0)
- 13.4.4.22.5. Ensure that only containers are used which comply with the technical requirements under sections 7.1.3 and 7.1.4 of RID. (T-0).
- 13.4.4.22.6. Ensure that when loading dangerous goods into or onto wagons or into containers or when loading containers, bulk containers, MEGCs, tank-containers or portable tanks onto a wagon the requirements concerning (T-0)
- 13.4.4.22.6.1. Carriage in packages under Chapter 7.2 of RID (T-0); and
- 13.4.4.22.6.2. Loading and handling under Chapter 7.5 of RID (T-0) are complied with; and
- 13.4.4.22.6.3. Ensure that for tank-containers and MEGCs the provisions under [paragraph 4.3.2.3.2](#) and for portable tanks the provisions under subsection 4.2.1.2, 4.2.2.3 and 4.2.3.3 and for UN MEGCs under subsection 4.2.4.3 of RID are complied with. (T-0)
- 13.4.4.22.7. In regards carriage in a transport chain which includes maritime transport, the loader will:
- 13.4.4.22.7.1. Stowage. Only stow unpackaged articles, packaging's, IBCs and large packaging's in cargo transport units or have them stowed if the requirements of [Chapter 7.3](#) in conjunction with Chapters 7.1 and 7.2 of the IMDG-Code have been complied with and Chapter 3, subsection 4.2.3 and Chapters [5](#) to [11](#) of the CTU Code have been observed. (T-0)
- 13.4.4.22.7.2. Marking, Labeling and Placarding. Only offer cargo transport units for transport if the provisions on marking, labeling, and placarding of [Chapter 3.2](#) in conjunction with [Chapter 3.3](#), 3.4, sections 5.1.1 to 5.1.4 and 5.1.6 as well as Chapter 5.3 of the IMDG-Code have been observed. (T-0)
- 13.4.4.22.7.3. CTU Packing Certificate. Prior to handing over the goods for transport, prepare the CTU packing certificate required in section 5.4.2 of the IMDG-Code or enter the contents of the certificate into the transport document. (T-0).
- 13.4.5. The Filler will:
- 13.4.5.1. Dangerous Goods Authorized for Road Transportation. Only hand over dangerous goods to the carrier for transportation if they are accepted for carriage IAW ADR/RID and [Chapter 11](#) of this instruction. (T-0).
- 13.4.5.2. Restrictions Concerning the Carriage of Tank-containers. Not hand over to the carrier tanks under subsection 4.2.2.8 (c) and (d), 4.2.3.8 (c) to (e) as well as IAW 4.3.3.6 (c) to (e) and (g) of ADR/RID. (T-0).

13.4.5.3. Periodic Inspections of Portable Tanks and MEGCs. Fill portable tanks and UN MEGCs under subsection 4.2.1.1, subsection 4.2.2.2 in conjunction with **paragraph 4.2.2.7.1**, subsection 4.2.3.2 in conjunction with **paragraph 4.2.3.6.1**, subsection 4.2.4.1 in conjunction with paragraph 4.2.4.5.1 of ADR/RID with dangerous goods authorized for carriage in these tanks only when the date of the next test has not expired. (T-0).

13.4.5.4. Tightness Checks. Ensure that the leak proofness of the closures of tanks and UN MEGCs is checked and that tanks are not carried when leaking under **paragraph 4.2.1.9.6** (c) and subsection 4.2.2.8 (b), 4.2.3.8 (b) and 4.2.4.6 (a) of ADR/RID. (T-0).

13.4.5.5. Inspection Expiration Dates. Fill tanks whose date of the next test has not expired with the dangerous goods admissible under **paragraph 4.3.2.1.5** only if these dangerous goods may be carried in tanks in accordance with paragraph 4.3.2.1.1 of ADR/RID. (T-0).

13.4.5.6. Maximum Filling Degree. Ensure that the permissible filling ratio or the permissible mass of filling per liter of capacity or the maximum permissible gross mass under paragraphs **4.2.1.9.1.1**, **4.2.1.13.13**, **4.2.2.7.2**, **4.2.2.7.3**, subsection 4.2.2.8 (a), paragraphs **4.2.3.6.2**, **4.2.3.6.3**, **4.2.3.6.4**, subsection 4.2.3.8 (a), paragraphs **4.2.4.5.2**, and **4.2.4.5.3**, the applicable special provisions in subsection 4.2.5.3, the provisions in subsection 4.3.2.2, paragraphs **4.3.3.2.3** and **4.3.3.2.5**, subsection 4.3.3.6 (a) or the applicable special provisions in section 4.3.5 of ADR/RID is complied with. (T-0).

13.4.5.7. Leak proofness of the Closures and Equipment. Ensure that after filling tanks, the leak proofness of the closures and equipment is verified in accordance with the applicable special provisions in Chapter 3.3 of ADR/RID and the provisions of **paragraph 4.2.4.5.5** or that all closures are in the closed position and there is no leakage in accordance with paragraph 4.3.2.3.3 of ADR/RID. (T-0).

13.4.5.8. Residues of Dangerous Substances. Ensure that no dangerous residues of the filling substance adhere to the outside of the tank under **paragraph 4.2.1.9.6** (b) or paragraph 4.3.2.3.5 of ADR/RID. (T-0).

13.4.5.9. Compatibility. Ensure that in accordance with subsection 4.2.1.6 or paragraph 4.3.2.3.6 of ADR/RID, adjoining tank compartments are not filled with substances that may react dangerously with each other. (T-0).

13.4.5.10. Expired Inspection Dates. Ensure under paragraph 4.3.2.3.7 of ADR/RID that tanks, battery vehicles, battery-wagons, and MEGCs are not filled or offered for carriage after the deadline for the test or inspection has expired. (T-0).

13.4.5.11. Safe Operation of Tanks entitled to carry Different Types of Gases. Ensure that in the event of a change of use of tanks emptying, cleaning, and degassing operations under paragraph 4.3.3.3.1 of ADR/RID are carried out. (T-0).

13.4.5.12. Refrigerated Liquefied Gases. Ensure that the name of the refrigerated liquefied gas carried is marked on portable tanks according to paragraph 6.7.4.15.2 of ADR/RID. (T-0).

13.4.5.13. Proper Shipping Name - Markings on Tanks or Tank Plates. Ensure that the proper shipping name of the substances and gases carried is inscribed on fixed tanks, demountable tanks, tank-wagons, tank-containers, MEGCs, battery-vehicles, and battery-

wagons and, for gases assigned to a NOS entry, additionally the technical name under paragraphs 6.8.3.5.6, 6.8.3.5.11 and 6.8.3.5.12 and the marks under the applicable special provisions in section 6.8.4 (e) of ADR/RID. (T-0).

13.4.5.14. Pre-inspection. Fill tanks only if they and their equipment are technically in a satisfactory condition.

13.4.5.15. Advance Notification. Inform the driver of the dangerous goods by means of the information IAW with paragraph 5.4.1.1.1 (a) to (d) of ADR and, if substances require a routing permit IAW paragraph 11.2.1 of this instruction, advert him in writing or electronically to the consideration of these requirements. (T-0).

13.4.5.16. Hazard Identification Numbers. Inform the driver of the hazard identification numbers for the orange-colored plates under 5.3.2 of ADR. (T-0).

13.4.5.17. Placarding and Marking of Bulk Shipments. Ensure that tank container, portable tanks, MEGCs, and containers containing dangerous goods in the bulk display:

13.4.5.17.1. Placards under subsection 5.3.1.2 of ADR. (T-0).

13.4.5.17.2. The orange-colored plate under section 5.3.2 of ADR. (T-0).

13.4.5.17.3. The mark under section 5.3.3 of ADR (except for MEGCs). (T-0).

13.4.5.17.4. The mark under section 5.3.6 of ADR. (T-0).

13.4.5.18. Compliance with Safety Regulations. Ensure that the provisions concerning loading under subsection 7.5.1.2 of ADR are complied with. (T-0).

13.4.5.19. Prohibition of Smoking. Comply with the prohibition of smoking under sections 7.5.9 and 8.3.5 of ADR. (T-0).

13.4.5.20. Additional Requirements Concerning the Carriage of Flammable Liquids or Gases. Ensure that paragraphs 2 and 3 of the additional requirement S2 in Chapter 8.5 of ADR are complied with. (T-0).

13.4.5.21. Instruction of the Drivers operating the Filling Device. Ensure, if drivers handle the filling of the tank and the filling device is not an integral part of the vehicle, that the drivers are instructed on filling and discharging prior to the first operation of the filling device. The briefing of the drivers must be documented in writing and kept on file for 5 years. (T-0).

13.4.5.22. Provision Concerning the Carriage in Bulk. Ensure that the applicable special provisions in ADR Chapter 3.3 and the provisions under Chapter 7.3 of ADR concerning carriage in bulk are complied with. (T-0).

13.4.5.23. Precautions against Electrostatic Charges. Ensure that for vehicles, portable tanks, or tank containers, the precautions against electrostatic charges under section 7.5.10 of ADR are taken. (T-0).

13.4.5.24. Valid Vehicle Certificate of Approval. IAW ADR paragraph 4.3.2.1.1, fill tanks with dangerous goods for which they have been approved under ADR paragraph 4.3.2.1.5 only if the validity of the ADR certificate of approval of the vehicles used has not expired in accordance with subsection 9.1.3.4 of ADR. (T-0).

13.4.5.25. Provisions Concerning the Carriage in Tanks. Ascertain that the provisions concerning carriage in tanks under section 7.4.1 of ADR are complied with. (T-0).

13.4.5.26. Use of Flexible Bulk Containers. Ensure that the provisions concerning the use of flexible bulk containers under subsection 7.3.2.10 of ADR are complied with. (T-0).

13.4.5.27. Accident/Incident Report. Ensure, with the assistance of the Unit DGA, that IAW subsection 1.8.5.1 of ADR and **paragraph 3.3** of this instruction a report is submitted to the IDGA office immediately after an accident/incident has occurred. (T-0).

13.4.5.28. Carriage and Handling of Tanks, Tank-Containers, and Tank-Vehicles. Comply with additional safety obligations concerning:

13.4.5.28.1. The carriage of Tanks and Tank-Container IAW **Paragraph 13.4.14** (T-0).

13.4.5.28.2. The carriage of tank vehicles on low-bed trailers IAW **Paragraph 11.3** (T-0).

13.4.5.29. In regards carriage in a transport chain which includes maritime transport, the filler will:

13.4.5.29.1. Only fill portable tanks or multiple-element gas containers (MEGCs) if the requirements of Chapter 4.2 of the IMDG-Code are followed. (T-0)

13.4.6. The Carrier will:

13.4.6.1. Radioactive Material. Inform the consignor under subsection 1.7.6.1 (a) (i) of ADR/RID of the non-compliance with any limit applicable to radiation level or contamination. (T-0).

13.4.6.2. Non-compliance with the ADR/RID. Not forward any shipments until infringements identified in Paragraphs **13.4.6.1**, **13.4.6.5**, and **13.4.6.7** to **13.4.6.27** have been corrected. (T-0).

13.4.6.3. Refrigerated Liquefied Gases in Tanks. Ensure that tanks are not offered for carriage under subsection 4.3.3.6 (f) of ADR/RID. (T-0).

13.4.6.4. Document File. Retain a copy of the dangerous goods transport document and additional information and documentation as specified in ADR for a minimum period of two years from the end of the transport operation IAW DTR Part II (204-4). (T-0).

13.4.6.5. Fumigated Cargo Transport Units (CTUs). Ensure that documents associated with the carriage of CTUs that have been fumigated and have not been completely ventilated before carriage include the information specified in **paragraph 5.5.2.4.1** ADR/RID. (T-0).

13.4.6.6. Coolant or Conditioner. Ensure that the documents associated with the carriage of vehicles, wagons or containers containing or having contained dry ice (UN 1845) or substances used for cooling or conditioning purposes and have not been completely ventilated before carriage include the information specified in paragraph 5.5.3.7.1 of ADR/RID. (T-0).

13.4.6.7. Instructions in Writing for the Drivers. Provide to the vehicle crew the instructions in writing under subsection 5.4.3.2 of ADR before the commencement of the journey and ensure that each member of the vehicle crew concerned understands and is capable of carrying out these instructions properly. (T-0).

13.4.6.8. Bulk Shipments. Ensure that the provisions concerning carriage in bulk in vehicles or containers under the applicable provisions of **Chapters 3.3** and 7.3 and the provisions concerning carriage in tanks under section 7.4.1 of ADR are complied with. (T-0).

13.4.6.9. Net Mass and Quantity Limitations concerning Class 1 and 4.1. Ensure that the provisions concerning the limitation of quantities carried under **paragraph 7.5.5.2.1** and subsection 7.5.5.3 of ADR are complied with. (T-0).

13.4.6.10. Accompanying Documents. Ensure that the accompanying documents under subsection 8.1.2.1 (a) and subsection 8.1.2.2 (a) and (c), and, for domestic transport operations in demountable tanks, the certificate on the tests, inspections, and checks of the demountable tank under **paragraphs 6.8.2.4.5** and subsection 6.9.5.3 if the transitional provision under subsection 1.6.3.41 of ADR is used. (T-0).

13.4.6.11. Derogations. Ensure that existing waivers and exemptions are handed over to the driver before the start of the journey.

13.4.6.12. ADR Driver Training Certificate. Ensure that only drivers with a valid certificate IAW subsection 8.2.2.8 of ADR are used. (T-0).

13.4.6.13. Refrigerated Liquefied Gases in Portable Tanks. Ensure that portable tanks are not offered for carriage under subsection 4.2.3.8 (f) of ADR. (T-0).

13.4.6.14. Tanks Records. Ensure that for fixed tanks, demountable tanks, and battery vehicles, the tank record is maintained, retained, handed over to a new carrier, submitted to the competent authorities upon request, and made available to the expert under paragraph 4.3.2.1.7 of ADR. (T-0).

13.4.6.15. Fire Extinguishers. Equip the transport unit with fire-fighting equipment IAW section 8.1.4 of ADR. (T-0).

13.4.6.16. Inspections of Fire Extinguishers. Meet the inspection periods under subsection 8.1.4.4 of ADR and approved national standards. (For fire extinguishers manufactured in Germany two years after the date of manufacture). (T-0).

13.4.6.17. Placarding and Marking. Affix to the vehicle the required placards under section 5.3.1, the orange-colored plates under section 5.3.2, the marks under sections 3.4.15, 5.5.3, and 5.3.6, and shall ensure that in the cases described in section 3.4.13 in conjunction with section 3.4.14 the marks under section 3.4.15 of ADR are affixed. (T-0).

13.4.6.18. Tank Shell. Ensure that only tanks are used whose shell thickness complies with the requirements under **paragraph 4.3.2.3.1** in conjunction with paragraphs 6.8.2.1.17 to 6.8.2.1.21 of ADR. (T-0).

13.4.6.19. Compliance with Construction, Equipment, and Labeling Requirements. Ensure that even in between test dates, fixed tanks, demountable tanks, battery-vehicles and vacuum-operated waste tanks comply with the requirements on construction, items of

equipment and marking under subsections 6.8.2.1, 6.8.2.2, 6.8.2.5, 6.8.3.1, 6.8.3.2, and 6.8.3.5 and the applicable special provisions in section 6.8.4 (e), sections 6.10.1, 6.10.2 and 6.10.3 in regards the substances indicated in the ADR certificate of approval in accordance with subsection 9.1.3.1, or in the certificate under paragraphs 6.8.2.4.5 and 6.8.3.4.18 of ADR, with the exception of the substances and gases carried which are to be indicated by the filler. (T-0).

13.4.6.20. Exceptional Tank and Equipment Checks. Ensure that subject to the provisions of paragraphs 6.8.2.4.4 and 6.8.3.4.14 of ADR, an exceptional check of the fixed tank and the battery vehicle is carried out when the safety of the tank or its equipment may have been impaired. (T-0).

13.4.6.21. Load Securing Equipment. Provide the driver with the required equipment for load securing. (T-0)

13.4.6.22. Miscellaneous Equipment and Equipment for Personal Protection. Equip the transport unit in accordance with section 8.1.5 of ADR. (T-0).

13.4.6.23. General Vehicle Requirements.

13.4.6.23.1. ADR Certified Vehicles. Ensure that vehicles which are approved under subsection 9.1.2.1 sentence 4, when carrying dangerous goods specified under no. 10 of the ADR certificate of approval under subsection 9.1.3.5, the requirements concerning the construction and items of equipment of the vehicles under section 9.2.1 of ADR in conjunction with the additional requirements under Chapters 9.3 to 9.8 of ADR are complied with. (T-0).

13.4.6.23.2. Non-ADR Certified Vehicles. Ensure that vehicles that are not subject to approval under subsection 9.1.2.1 sentence 4, the requirements concerning the construction and items of equipment of the vehicles under the applicable special provisions of section 7.3.3, subsection 9.2.1.1 sentence 2, and Chapters 9.4 to 9.6 of ADR are complied with. (T-0).

13.4.6.24. Supervision of Vehicles. Comply with the requirements concerning the supervision of vehicles under **Chapter 8.4** IAW **Chapter 8.5** of ADR and, for transport operations within the borders of Germany, in addition to **Chapter 8.4**, ensure that all vehicles and containers requiring orange-colored plates are supervised in line with the provisions in section 8.4.1 of ADR. The same requirement (except for UN 1202) applies to trailers of transport units that are parked separately from the motor vehicle if these trailers are loaded with dangerous goods in quantities requiring orange-colored plates. (T-0).

13.4.6.25. Inspection Dates of Tanks and Tank-Containers. Ensure that fixed tanks, battery vehicles, demountable tanks, MEGCs, portable tanks, and tank containers are not used if the deadline of their next test has expired. (T-0).

13.4.6.26. Accident/Incident Report. Ensure, with the assistance of the Unit DGA, that an accident/incident report (USAFE-AFAFRICA Form 61) IAW paragraph 3.3 is submitted to the IDGA office immediately after an accident/incident has occurred. In case of a serious accident/incident contact the Spangdahlem IDGA office at DSN 314-452-6782 for investigation and assistance establishing the required report. (T-0).

13.4.6.27. Non-compliance with Radiation Levels. IAW with subsection 1.7.6.1 (b) of ADR, in the event of a non-compliance with any limit applicable to radiation level or contamination, investigate the non-compliance and its causes, circumstances, and consequences and take appropriate action to remedy the causes, circumstances, and consequences and prevent a recurrence of similar circumstances to those that led to the non-compliance, and shall ensure (through the IDGA office) that HN competent authorities are informed. (T-0).

13.4.6.28. General Safety Requirements. Comply with the provisions concerning:

13.4.6.28.1. Shading from direct sunlight and from the effect of heat sources as well as placement inadequately ventilated areas under special provision 314 (b) in section 3.3.1 or subsection 7.1.7.1 of ADR. (T-0).

13.4.6.28.2. Carriage in packages under Chapter 7.2 of ADR. (T-0).

13.4.6.28.3. The prohibition of smoking under section 7.5.9 in conjunction with section 8.3.5 of ADR. (T-0).

13.4.6.28.4. The prohibition of smoking, fire, and open flame during handling operations in the vicinity of vehicles or containers and inside the vehicles or containers IAW **paragraph 3** of additional requirement S1 in Chapter 8.5 of ADR; (T-0).

13.4.6.29. Special Provision CV36. Comply with the provisions on the loading of packages in open or ventilated vehicles or open or ventilated containers or on affixing the mark under special provision CV36 in section 7.5.11 of ADR. (T-0).

13.4.6.30. Carriage and Handling of Tanks, Tank-Containers, and Tank-Vehicles. Comply with additional safety obligations concerning:

13.4.6.30.1. The carriage of Tanks and Tank-Container IAW **Paragraph 13.4.14**.

13.4.6.30.2. The carriage of tank vehicles on low-bed trailers IAW **Paragraph 11.3**.

13.4.7. The Driver will:

13.4.7.1. Incomplete or Damaged Packages. Not carry a package whose packaging is visibly incomplete or damaged, in particular leaking, so that dangerous goods leak or may leak.

13.4.7.2. Tunnel Restrictions. Comply with the restrictions on carriage IAW section 8.6.4 of ADR. (T-0).

13.4.7.3. Maximum Filling Degree. If the driver fills the tank-vehicle, demountable tank, tank swap body, or battery-vehicle himself, the driver has to comply with the maximum permissible filling ratio or the maximum mass of contents per liter of capacity and the permissible filling temperature, indicated by the filler, under subsection 4.3.2.2, paragraphs **4.3.3.2.3** and **4.3.3.2.5** or the applicable special provisions in section 4.3.5 of ADR; for liquids with the exception of gases, he shall not exceed a filling ration of 85 percent if the filler cannot indicate the maximum permissible filling rate and if the rate cannot be taken from an applicable special provision. (T-0).

13.4.7.4. Tank-Vehicle, Tank-Containers, and Portable Tanks. Comply with the provisions on the operation of tanks under ADR subsection 4.3.2.3 except for paragraphs [4.3.2.3.1](#), [4.3.2.3.2](#), [4.3.2.3.3](#) sentences 4 and 5, 4.3.2.3.6 and 4.3.2.3.7, and subsection 4.3.2.4, paragraphs [4.3.3.3.2](#) and [4.3.3.3.3](#), and special provisions TU 13 and TU 14 in section 4.3.5 of ADR. (T-0).

13.4.7.5. Additional Requirements Relating to Particular Classes or Substances. Comply with the provisions on the additional requirements of Chapter 8.5 of ADR applicable to him. (T-0).

13.4.7.6. Tightness Checks. If he fills the tank, the tank vehicle, or the MEGC himself, check the leak proofness of the closures after filling under [paragraph 4.3.2.3.3](#) sentences 4 and 5 of ADR. (T-0).

13.4.7.7. Placarding of Transport Units. Affix the placards under subsections 5.3.1.3 to 5.3.1.6 and remove them from or cover them on vehicles under paragraph 5.3.1.1.6 of ADR. (T-0).

13.4.7.8. Marking of Transport Units. Affix or uncover the marks under section 3.4.15, the orange-colored plates under section 5.3.2, and the mark under sections 5.3.3 and 5.3.6 to or on transport units and vehicles, remove or cover the marks under section 3.4.15 and the plates under [paragraph 5.3.2.1.8](#), and remove the mark under sections 5.3.3 and 5.3.6 of ADR. (T-0).

13.4.7.9. Actions in case of an Accident or Incident. Take the actions prescribed in the instructions in writing IAW subsection 5.4.3.4 of ADR. (T-0).

13.4.7.10. Fumigation and Coolant Markings. Ascertain that a warning mark is affixed to the vehicle, container, or tank under paragraphs 5.5.2.3.1 and 5.5.3.6.1 of ADR. (T-0).

13.4.7.11. Accompanying Documents and Equipment. Ensure the below equipment and documents are available during carriage:

13.4.7.11.1. The accompanying documents (to be presented to enforcement persons upon request) under subsections 8.1.2.1 and 8.1.2.2 (a) and (c), and, for domestic transport operations in demountable tanks, the certificate on the tests, inspections, and checks of the demountable tank under [paragraph 6.8.2.4.5](#) if the transitional provision under subsection 1.6.3.41 of ADR is used; (T-0)

13.4.7.11.2. The certificate of driver's training under 8.2.2.8 of ADR; (T-0)

13.4.7.11.3. The fire-fighting equipment under subsections 8.1.4.1, 8.1.4.2, and 8.1.4.4; (T-0)

13.4.7.11.4. The equipment IAW section 8.1.5 of ADR; (T-0)

13.4.7.11.5. Waivers or exemptions granted by host nation competent authorities.

13.4.7.12. Supervision of Vehicles. Comply with the requirements concerning the supervision of vehicles under [Chapter 8.4](#) IAW [Chapter 8.5](#) of ADR and, for transport operations within the borders of Germany, in addition to [Chapter 8.4](#), ensure that all vehicles and containers requiring orange-colored plates are supervised in line with the provisions in section 8.4.1 of ADR. The same requirement (except for UN 1202) applies to trailers of transport units that are parked separately from the motor vehicle if these

trailers are loaded with dangerous goods in quantities requiring orange-colored plates. (T-0).

13.4.7.13. Residues of Dangerous Substances. IAW **paragraph 4.2.1.9.6** (b) or paragraph 4.3.2.3.5 of ADR, remove dangerous residue of the filling substance adhering to the outside of the tank or have it removed if he fills the tank-vehicle, demountable tank, battery-vehicle, tank-container, portable tank, or MEGC himself. (T-0).

13.4.7.14. Rules Concerning Alcoholic beverages. While participating in road traffic with transport units subject to marking requirements, refrain from consuming alcoholic beverages and not commence the journey with such goods if he is under the influence of such beverages resulting in a BAC of 0.249 mg/l or a BAC of 0.49 per mile or less. (T-0).

13.4.7.15. General Rules concerning Connecting and Discharge Pipes. Ensure that the connecting pipes and the filling and discharge pipes are empty during carriage under paragraph 4.3.4.2.2 of ADR. (T-0).

13.4.7.16. Protection against Electrostatic Charges. If he fills or empties the tanks himself, earth the vehicle, portable tank, or tank container before and after filling it with or emptying it of the substances specified in section 7.5.10 of ADR in order to prevent electrostatic charges. (T-0).

13.4.7.17. Miscellaneous Requirements concerning the Vehicle Crew. Comply with the requirements in Chapter 8.3 of ADR. (T-0).

13.4.7.18. Loading and Handling Requirements. Comply with the provisions concerning loading and handling under subsections 7.5.1.2, 7.5.1.4, and 7.5.1.5, and sections 7.5.2, 7.5.5, 7.5.7, 7.5.8, and 7.5.11 of ADR. (T-0).

13.4.7.19. General Safety Requirements. Comply with the provisions concerning:

13.4.7.19.1. Shading from direct sunlight and from the effect of heat sources as well as placement inadequately ventilated areas under special provision 314 (b) in section 3.3.1 or subsection 7.1.7.1 of ADR; (T-0).

13.4.7.19.2. Carriage in packages under Chapter 7.2 of ADR; (T-0).

13.4.7.19.3. The prohibition of smoking under section 7.5.9 in conjunction with section 8.3.5 of ADR; (T-0).

13.4.7.19.4. The prohibition of smoking, fire, and naked flame during handling operations in the vicinity of vehicles or containers and inside the vehicles or containers IAW **paragraph 3** of additional requirement S1 in Chapter 8.5 of ADR; (T-0).

13.4.7.20. Mixed Loads of Dangerous Goods and Food. Comply with the provisions under section 7.5.4 of ADR on precautions with respect to foodstuff, other articles of consumption, and animal feeds. (T-0).

13.4.7.21. Special Provision CV36. Comply with the provisions on the loading of packages in open or ventilated vehicles or open or ventilated containers or on affixing the mark under special provision CV36 in section 7.5.11 of ADR. (T-0).

13.4.7.22. Carriage and Handling of Tanks, Tank-Containers, and Tank-Vehicles. Comply with additional safety obligations concerning:

13.4.7.22.1. The carriage of Tanks and Tank-Container IAW [paragraph 13.4.14](#) of this instruction; (T-0)

13.4.7.22.2. The carriage of tank vehicles on low-bed trailers IAW [paragraph 11.3](#) of this instruction. (T-0).

13.4.8. The Unloader will:

13.4.8.1. Verification of Information. Ascertain under paragraph 1.4.3.7.1 of ADR/RID that the correct goods are unloaded by comparing the relevant information in the transport document with the information on the package, container, tank, vehicle, wagon, or conveyance. (T-0).

13.4.8.2. Damaged Packages or Transport Units. Check under paragraph 1.4.3.7.1 of ADR/RID before and during unloading whether the packages, the tank, the vehicle, the conveyance, or the container have/has been damaged to an extent which would endanger the unloading operation; if this is the case, he shall ascertain that the unloading is not carried out until appropriate measures have been taken. (T-0).

13.4.8.3. Dangerous Residues. IAW [paragraph 1.4.3.7.1](#) of ADR/RID, immediately after the unloading, remove any dangerous residues which may adhere to the outside of the tank, vehicle, conveyance, or container. (T-0).

13.4.8.4. Closure of valves and Inspection Openings. IAW [paragraph 1.4.3.7.1](#) of ADR/RID, immediately after the unloading, ensure valves and inspection openings are closed. (T-0).

13.4.8.5. Cleaning and Decontamination. Ensure IAW [paragraph 1.4.3.7.1](#) of ADR/RID that the prescribed cleaning and decontamination of the vehicles, conveyances, or containers is carried out. (T-0).

13.4.8.6. Removal of Markings and Placards. Ensure under paragraph 1.4.3.7.1 of ADR/RID that the vehicles, conveyances, containers, tank-containers, and portable tanks, once completely unloaded, cleaned, degassed, and decontaminated, no longer display placards, marks, and orange-colored plates in accordance with Chapters 3.4 and 5.3 of ADR/RID. (T-0).

13.4.8.7. Removal of the Fumigation Warning Mark. Remove the warning mark under paragraph 5.5.2.3.4 of ADR/RID once the fumigated cargo transport unit has been ventilated and unloaded. (T-0).

13.4.8.8. Precautions against Electrostatic Charges. Ensure that for vehicles, portable tanks, or tank containers, the precautions against electrostatic charges under section 7.5.10 of ADR/RID are taken.

13.4.8.9. Additional Requirements concerning Flammable Liquids or Gases. Ensure that paragraphs [2](#) and [3](#) of the additional requirement S2 in Chapter 8.5 of ADR are complied with. (T-0).

13.4.8.10. Instruction of the Drivers operating the Filling Device. Ensure, if drivers handle the filling of the tank and the filling device is not an integral part of the vehicle,

that the drivers are instructed on filling and discharging prior to the first operation of the filling device. (T-0). The briefing of the drivers must be documented in writing and kept on file for 5 years. (T-1).

13.4.8.11. General Provisions concerning Unloading. Ensure that the provisions concerning unloading under subsection 7.5.1.3 of ADR/RID are complied with. (T-0).

13.4.8.12. Mixed Loads of Dangerous Goods and Food. Comply with the provisions under section 7.5.4 of ADR/RID on precautions with respect to foodstuff, other articles of consumption, and animal feeds. (T-0).

13.4.8.13. Carriage and Handling of Tanks, Tank-Containers, and Tank-Vehicles. Comply with additional safety obligations concerning:

13.4.8.13.1. The carriage of Tanks and Tank-Container IAW [paragraph 13.4.14](#) of this instruction. (T-0)

13.4.8.13.2. The carriage of tank vehicles on low-bed trailers IAW [paragraph 11.3](#) of this instruction. (T-0)

13.4.8.14. General Safety Requirements. Comply with the provisions concerning:

13.4.8.14.1. Shading from direct sunlight and from the effect of heat sources as well as placement inadequately ventilated areas under special provision 314 (b) in section 3.3.1 of ADR/RID or subsection 7.1.7.1 of ADR; (T-0).

13.4.8.14.2. Carriage in packages under Chapter 7.2 of ADR/RID; (T-0).

13.4.8.14.3. The prohibition of smoking under section 7.5.9 in conjunction with section 8.3.5 of ADR; (T-0).

13.4.8.14.4. The prohibition of smoking, fire, and open flame during handling operations in the vicinity of vehicles or containers and inside the vehicles or containers IAW [paragraph 3](#) of additional requirement S1 in Chapter 8.5 of ADR; (T-0).

13.4.8.15. Accident/Incident Report. Ensure, with assistance of the Unit DGA, that an accident/incident report (USAFE-AFAFRICA Form 61) IAW [paragraph 3.3](#) is submitted to the IDGA office immediately after an accident/incident has occurred. In case of a serious accident/incident contact the Spangdahlem IDGA office at DSN 314-452-6782 for investigation and assistance constructing the required report. (T-0)

13.4.9. The Consignee will:

13.4.9.1. IAW [paragraph 1.4.2.3.1](#) of ADR/RID:

13.4.9.1.1. Acceptance of Dangerous Goods. Not defer or refuse acceptance of the goods without compelling reasons; (T-0)

13.4.9.1.2. Compliance. Verify after unloading and before return or reuse that the requirements of ADR/RID concerning him have been complied with; (T-0)

13.4.9.1.3. Radioactive Material. Inform the consignor under subsection 1.7.6.1 (a) (ii) in conjunction with (c) of ADR/RID of the non-compliance with any limit applicable to radiation level or contamination. (T-0).

- 13.4.9.1.4. Non-Compliance with **Paragraph 13.4.9.1.2** above. IAW with 1.4.2.3.2 of ADR/RID, if examination of a container reveals an infringement of the provisions of the ADR/RID, do not return the container/railcar to the carrier until the infringement has been corrected. (T-0).
- 13.4.9.2. Accident/Incident Report. Ensure, with the assistance of the Unit DGA, that an accident/incident report (SAFE-AFAFRICA Form 61) IAW paragraph 3.3 is submitted to the IDGA office immediately after an accident/incident has occurred. In case of a serious accident/incident contact the Spangdahlem IDGA office at DSN 314-452-6782 for investigation and assistance constructing the required report. (T-0).
- 13.4.9.3. Non-Compliance with Radiation Levels. IAW with subsection 1.7.6.1 (b) of ADR, in the event of a non-compliance with any limit applicable to radiation level or contamination, investigate the non-compliance and its causes, circumstances, and consequences and take appropriate action to remedy the causes, circumstances, and consequences and prevent a recurrence of similar circumstances to those that led to the non-compliance, and shall ensure (thru the IDGA office) that HN competent authorities are informed. (T-0).
- 13.4.9.4. General Safety Requirements. Comply with the provisions concerning:
- 13.4.9.4.1. Shading from direct sunlight and from the effect of heat sources as well as placement inadequately ventilated areas under special provision 314 (b) in section 3.3.1 of ADR/RID or subsection 7.1.7.1 of ADR; (T-0)
 - 13.4.9.4.2. Carriage in packages under Chapter 7.2 of ADR/RID; (T-0)
 - 13.4.9.4.3. The prohibition of smoking under section 7.5.9 in conjunction with section 8.3.5 of ADR/RID; (T-0)
 - 13.4.9.4.4. The prohibition of smoking, fire, and naked flame during handling operations in the vicinity of vehicles or containers and inside the vehicles or containers IAW **paragraph 3** of additional requirement S1 in Chapter 8.5 of ADR/RID; (T-0)
- 13.4.10. The Unit Commander will:
- 13.4.10.1. USAFE-AFAFRICA Command Dangerous Goods Program. Comply with duties and responsibilities described in USAFE-AFAFRICA I 23-104 and this instruction. (T-2)
 - 13.4.10.2. Commander Awareness Training. Ensure awareness training concerning the CDGP and DGMP is obtained from the IDGA within 90 days of assumption of responsibilities. (T-3)
 - 13.4.10.3. Compliance. Enforce compliance with the Installation DGMP described in this instruction and applicable DG movement regulations. (T-0).
 - 13.4.10.4. Appointed DG Personnel. Ensure appointed UDGAs and DCOs comply with the provision of the DGMP. Contact the IDGA for a staff assistance visit (SAV) concerning the program, if required. (T-3).

13.4.10.5. Validity of Appointment Orders. Ensure appointment orders of UDGAs are signed and current. Appointment orders with signature of previous commanders are obsolete. (T-3).

13.4.10.6. Appointment Level of the UDGAs. Ensure UDGAs are appointed at Flight or Squadron level (preferred) by the Squadron Commander. UDGAs may also be appointed at the Group level, **paragraph 13.4.10** then applies to the Group commander. (T-3)

13.4.10.7. Conflict of Interest. Ensure personnel appointed as UDGAs are not appointed as DCO at the same time, due to conflict of interest and function. (T-3)

13.4.10.8. Training of Personnel. Through the UDGA ensure, before assigning responsibilities, that assigned personnel involved in the movement of DG are trained according to their functions, as described in **Chapter 13**. (T-0)

13.4.10.9. Annual DG Report. Ensure, prior to release to the IDGA office, to review and sign the unit's annual dangerous goods advisor report (USAFE-AFAFRICA Form 60) described in **Attachment 25**. Ensure through the UDGA that the annual report is submitted to the IDGA not later than 15 December each year. (T-0).

13.4.10.10. Accident and Incidents. Compliant to **Chapter 3**, ensure in case of an accident/incident that the UDGA compiles data required for the accident/incident report (USAFE-AFAFRICA Form 61) and that the IDGA is notified immediately. (T-0)

13.4.10.11. Security Plans. Ensure if high consequence dangerous goods as defined in section 4.3 are carried or offered for carriage by the unit, that a written security plan as defined in **Chapter 4** is implemented and complied with. (T-0).

13.4.10.12. Records and Library. Ensure that funds are available to purchase current copies of regulations required for the proper certification of DG for road, rail and sealift transportation.

13.4.11. The IDGA will:

13.4.11.1. USAFE-AFAFRICA Command Dangerous Goods Program. Comply with IDGA duties and responsibilities described in USAFE-AFAFRICA 23-104, this instruction and German Gefahrgutbeauftragtenverordnung [(GBV) Dangerous Goods Advisor Regulation], as applicable. (T-2).

13.4.11.2. Responsibilities. Implement and execute the Installation Dangerous Goods Management Program described in this instruction on behalf of the Installation (Wing) Commander. (T-2).

13.4.11.3. Appointment Orders. Ensure that the IDGA appointment orders (USAFE-AFAFRICA Form 66) bear the signature of the acting Installation (Wing) Commander. (T-2).

13.4.11.4. IDGA Training. Attend training and examination for 'Safety Advisors' IAW GBV and Section 1.8.3 of the ADR, administered by examining body approved by the competent authority of an ADR contracting party. Training must include elements for the carriage of DG by road (ADR), rail (RID), and sealift (IMDG-Code). (T-0).

13.4.11.5. IDGA Training Certificate. Hold a vocational training certificate for ‘Safety Advisors,’ valid for transport by road, rail, and seafit. That certificate must be issued by the competent authority, or the body designated for that purpose by the host nation. (T-0).

13.4.11.6. ADR Driver Instructor. Possess a valid ADR certificate IAW Section 8.2.2.8 of the ADR and attend required instructor training (initial and refresher) according to host nation directives. Qualification is required for IDGAs who provide ADR driver training according to Chapter 8.2 of the ADR. (T-0).

13.4.11.7. UDGA/DCO Instructor. Attend DG refresher training to stay abreast of DG movement regulations and changes thereto. Qualification is required by IDGAs to provide function-specific training to UDGAs and DCOs. (T-0).

13.4.11.8. Training material. Ensure training material for the training of UDGAs, DCOs, and ADR drivers is constantly reviewed and updated as required (e.g., training slides, tests, and student’s handbooks). (T-0).

13.4.11.9. IDGA Advisory Notes. Ensure UDGAs and other responsible personnel are informed via ‘IDGA Advisory Notes’ on any changes concerning the CDGP, DGMP and related regulations. (T-0).

13.4.11.10. Inspections. Act as WIT member for the IGs to inspect units involved in the DGMP. Ensure that units acting as ‘consignors’ are inspected at least once a year. If required, stand-alone coordinate inspections with the applicable IG office. (T-2).

13.4.11.11. Emergency Procedures. IAW **Paragraph 1.2.3.1** provides information on emergency procedures in the event of any accident or incident that may affect safety during the carriage, packing, filling, loading, or unloading of dangerous goods. (T-0).

13.4.11.12. Virtual Inspections. Conduct random inspections in MICT, ensuring MICT checklists IAW **Attachment 30** is uploaded to the unit’s MICT site and properly answered. Informs UDGAs of any findings immediately. (T-1).

13.4.11.13. Random Checks. Conduct random checks (on-base) concerning the safety of DG movements. Halts consignments (military or commercial carriers) that obviously violate DG safety regulations and informs section supervisors, UDGAs and Contracting (if applicable) on any findings immediately. Recommend solutions for eliminating identified discrepancies. (T-0).

13.4.11.14. Hazardous Material Management Process (HMMP). Become a member of the HMMP team and assist the team with policies and conflict resolution concerning the preparation and transportation of DG.

13.4.11.15. Management Internal Control Toolset (MICT). Ensure that the required MICT Checklist concerning the USAFE-AFAFRICA CDGP is uploaded to MICT home and assessed, as directed.

13.4.11.16. Contracting Assistance. Upon request coordinate with the installation contracting function to ensure the regulatory requirements clauses and other appropriate conditions concerning the carriage of DG on the installation are included in all contracts (incl. IDGA contact information IAW **Chapter 3.3**).

13.4.12. The UDGA will:

13.4.12.1. USAFE-AFAFRICA Command Dangerous Goods Program. Comply with the general UDGA requirements described in USAFE-AFAFRICA I 23-104 and this instruction. (T-2).

13.4.12.2. Responsibilities. Assist Unit Commanders in executing duties describe in 13.4.10 and implement the Installation Dangerous Goods Program (on behalf of the Unit Commander), as it applies to the unit. (T-2).

13.4.12.3. Procedures and Processes. Review and compare obligations listed in **Attachment 42** with associated duties and responsibilities described in **Chapter 13**. Ensure through internal procedures and processes that personnel involved in the carriage of DG is aware of duties and responsibilities describe in **Chapter 13**.

13.4.12.4. Training of Employees. Ensure employees executing duties IAW **Chapter 13** are trained (internally) according to **Paragraph 6.2.1** and that the training is documented as described in **Chapter 6.6** and **Attachment 40**. (T-0).

13.4.12.5. Training Courses. Refer to **Chapter 6** to determine the types of training that are required by DG regulations. Training of UDGAs, DCOs, commanders (awareness training) and ADR driver may be obtained through the IDGA office upon request, as described in **Paragraph 6.4**.

13.4.12.6. HAZCOM Training. Ensure that the unit HAZCOM training includes elements of training described in Paragraphs **6.2.1.6** and **6.2.9** if used for internal training of employees IAW Paragraph **6.2.1** and **13.4.12.5** above. Contact work area supervisors for contents of the unit's HAZCOM training program and add missing elements as required. Contact the IDGA office for assistance if needed.

13.4.12.7. Craftsman Rules. UDGAs of Civil Engineering units will ensure that craftsmen are properly trained (according to **Paragraph 6.2.9**) and aware of regulations prescribed in **Chapter 12**.

13.4.12.8. List of Trained DG Personnel. Maintain a master list of DG trained personnel according to the sample shown in **Attachment 40** and keep track of their expiration dates.

13.4.12.9. Exemptions for On-Base Transportation of DG. Ensure personnel is aware of exemptions concerning the transport of DG within the boundaries of the installation, as described in **Chapter 10**.

13.4.12.10. Inspection Checklists. Ensure checklists and emergency response pamphlets described in **Chapter 9** are available to personnel involved in the carriage of DG. Ensure checklists are always used by the DCOs for DG operations that require off-base transportation.

13.4.12.11. Waivers and Restrictions for Off-Base Transportation of DG. Ensure personnel is aware of waivers and restrictions concerning off-base transportation of DG, as described in **Chapter 11**. When required prepare waiver request through the IDGA office , as applicable.

13.4.12.12. Accidents and Incidents. Ensure personnel is aware of actions to be taken in case of an accident/incident, described in **Chapter 3** and **Attachments 14**. If required,

use USAFE-AFAFRICA Form 61 to prepare an accident/incident report IAW Paragraph 3.3 and coordinate with the Spangdahlem IDGA office. (T-0)

13.4.12.13. Appointment Orders. Ensure that signed copies of appointment orders for UDGAs and DCOs as described in **Chapter 6.7** are forwarded to the IDGA office NLT 30 days after completion of training. Appointment Orders must bear the signature of the unit commanders.

13.4.12.14. Annual Dangerous Goods Advisor Report. Ensure that the Annual DGA Report (USAFE-AFAFRICA Form 60) is accomplished according to samples and steps described in **Attachment 25**, signed by the unit commander, and submitted to the IDGA office NLT 15 Dec. (T-2).

13.4.12.15. Security. Ensure that the unit meets the security requirements described in **Chapter 4**. Ensure that a security plan according to **Paragraph 4.4** is in place and observed when handling high consequence dangerous goods IAW **Paragraph 4.3** (T-0).

13.4.12.16. Vehicle Equipment and Fire-Extinguishers. When executing carrier duties, IAW **Paragraph 13.4.6** ensures that equipment and fire-extinguishers required and described in **Chapter 5** are available on vehicles carrying DG. (T-0).

13.4.12.17. Hazardous Waste Storage Area and Accumulation Points. UDGAs of Civil Engineering units responsible for Hazardous Waste (HW) training will ensure that training of personnel, whose work involves HW, includes elements described in **Chapter 2.3**.

13.4.12.18. Deployment. Contact the Unit Deployment Manager (UDM) for required Hazmat qualifications of personnel scheduled for deployment. Request training according to **Table 6.1** from the IDGA office, as required.

13.4.12.19. Content of the Unit DGA Binder. Ensure that the Unit DGA binder includes information (training certificates, appointment orders, MFRs, etc.) as required and described in **Attachment 34**. The Unit DGA binder may be maintained manually or electronically (e.g., UDGA Teams side or local Drive). (T-3).

13.4.12.20. ADR Certified Vehicles. Ensure that USAFE-AFAFRICA Form 68, Certificates of Approval for Vehicles carrying certain Dangerous Goods for vehicles assigned to the unit are on file. Keep track of the vehicle and tank inspection dates IAW 6.8.2.4 & 9.1.2.3 of the ADR. Contact Installation POC for the required inspections of the vehicles or tanks, as applicable. (T-2).

13.4.12.21. Internal Inspections. Conduct random checks (at least once a year) to ensure DCOs comply with procedures and processes described in **Paragraph 13.4.13** Monitor compliance with other safety obligations described in **Chapter 13**, as applicable. Document (and file) results of the internal inspections on USAFE-AFAFRICA Form 63. Inform the unit commander of any deficiencies identified during internal inspections that could affect unit operations.

13.4.12.22. IDGA Advisory Notes. Ensure information and changes concerning the CDGP, DGMP and related regulations received via 'IDGA Advisory Notes' are distributed to DCOs and other responsible personnel that need to know (e.g., ADR drivers). (T-3).

13.4.12.23. Contact Information. Post names and contact information of IDGAs and UDGAs on the unit safety board. (T-0).

13.4.12.24. Commander Awareness Training. Contact the IDGA office to request and coordinate the required awareness training for Unit Commanders, as described in [Paragraph 6.2.2](#).

13.4.12.25. Visual Aids. (GE-only) Ensure visual aids like the sample of the 'Betriebsanweisung (operating instruction IAW German GefStoffV)' shown in [Attachment 33](#) are posted next to loading/unloading areas of dangerous goods. Visual Aids shall visualize hazard symbols and describe protective measures and rules of conduct etc., during the handling of dangerous goods.

13.4.12.26. Management Internal Control Toolset (MICT). Ensure that MICT checklists listed in [Attachment 30](#) is uploaded to the unit's MICT home and frequently assessed, as directed.

13.4.12.27. Replacement of UDGAs, DCOs and ADR drivers. Ensure NLT three months prior to PCS or retirement that a successor for the leaving UDGAs, DCOs or ADR drivers is nominated and enrolled for training.

13.4.12.28. Library. Ensure that current copies of regulations required for proper certification of DG for road, rail and sealift transportation are on file and available to employees who need to have access to them (e.g., DCOs)

13.4.12.29. Records. Ensure that applicable documents, reports, appointment orders and certificates described in Paragraph [13.4.12.5](#), [13.4.12.7](#), [13.4.12.12](#), [13.4.12.13](#), [13.4.12.14](#), [13.4.12.20](#) and [13.4.12.21](#) are kept on file for at least 5 years.

13.4.13. The DCO will:

13.4.13.1. USAFE-AFAFRICA Command Dangerous Goods Program. Comply with the general DCO requirements described in USAFE-AFAFRICAI 23-104 and this instruction. (T-2).

13.4.13.2. Preparation and Carriage of Dangerous Goods. Follow steps 1 - 13 (sequence of operations) described in [Paragraph 2.1](#) when preparing and certifying Dangerous Goods consignments for off-base transportation.

13.4.13.3. Waivers and Restrictions. Review [Chapter 11](#) for waivers and restrictions applicable in the AOR.

13.4.13.4. Routing Permit. (GE-only) Review [Attachment 2](#) for dangerous goods that may require a routing permit from HN CA when moving it off-base in AOR. (T-0).

13.4.13.5. Checklists. Use authorized checklists to ensure compliance with Dangerous Goods regulations when releasing DG into public traffic. Samples of checklists described in [Chapter 9](#) are listed in Attachments [3 – 16](#).

13.4.13.6. Documentation. Review [Chapter 7](#) for types of documents that may be required for the consignment.

13.4.13.7. Transport Document. Follow Step by step instructions for completing an ADR transport document, described in [Paragraph 7.2.4](#) and [Attachment 19](#). For required

information in transport documents used for the carriage in a transport chain that also includes maritime or rail, see Chapter 5.4 of the IMDG-Code or RID, as applicable.

13.4.13.8. Equipment and Fire-Extinguishers. Review **Chapter 5** and **Attachment 5 & 6** for types of safety equipment and fire extinguishers required on vehicles carrying DG. (T-0).

13.4.13.9. Vehicles. Comply with **Paragraph 2.1.9** to verify or select the proper vehicle for the carriage of DG off-base. (T-0).

13.4.13.10. Packages. Ensure proper packages are being used and marked and labeled as described in **Paragraph 2.1.5** (T-0).

13.4.13.11. Compatibility of Dangerous Goods. Review Chapter 7.5 of the ADR/RID for mixed loading restrictions on vehicles or in containers. Comply Part 7 of the IMDG-Code when containers or vehicles are carried in a multimodal transport chain that includes sealift. (T-0).

13.4.13.12. Load Securing. Ensure packages are adequately secured by the loaders of the vehicles or containers (Section 7.5.7 ADR). (T-0).

13.4.13.13. Placarding. Ensure vehicles carrying DG are properly placarded and marked as described in **Paragraph 2.1.11** (T-0).

13.4.13.14. Large Containers. Comply with **Paragraph 11.6** to verify the total gross mass of a loaded container (e.g., 20' ISOs or MILVANs) when scheduled to be carried in a multimodal transport chain, including sealift transportation.

13.4.13.15. Contractors. Monitor compliance with DG movement regulations when contractors are hired for the carriage of U.S. Government owned or leased property.

13.4.13.16. Library. Ensure that current regulations are used for the proper certification of DG for road, rail, and sealift transportation (e.g., ADR, RID, IMDG-Code). (T-0).

13.4.13.17. Document File. Retain a copy of the dangerous goods transport document and additional information and documentation as specified in DTR Part II (204-4) for a minimum period of two years from the end of the transport operation. **Note:** A copy of the maintained checklist IAW **Paragraph 13.4.13.5** must be filed together with the related transport document.

13.4.14. Additional Safety Obligations concerning the Carriage of Tanks, Tank-Container, and Bulk Container.

13.4.14.1. Empty, Uncleaned Tanks (all types). Anyone who offers uncleaned and not degassed empty tanks for carriage consigns them or undertakes their carriage shall ensure that:

13.4.14.1.1. No dangerous residue of the filling substance adheres to the outside of the tanks under paragraph 4.3.2.4.1 of ADR/RID; (T-0)

13.4.14.1.2. Empty tanks not cleaned and not gas-free are closed in the same manner and are leakproof to the same degree as if they were full under **paragraph 4.3.2.4.2** and subsection 4.2.1.5 of ADR/RID; (T-0)

13.4.14.1.3. That placards and marks required under subsection 5.3.1.6 and sections 5.3.2, 5.3.4 and 5.3.6 of RID are affixed. (T-0)

13.4.14.2. Leak proofness Check. If a visual inspection of a tank under [paragraph 13.4.14.1](#) above reveals no obvious leakages, it may be assumed that filling and discharge devices not operated during the previous emptying operation continue to be leakproof. (T-0).

13.4.14.3. Portable Tanks, Tank-Container, and Bulk Container. Operators (owners) of tank containers, portable tanks, or bulk containers must ensure that:

13.4.14.3.1. Even in between test dates, tank-containers, portable tanks, bulk containers, and flexible bulk containers comply with the provisions concerning the construction, items of equipment, and marking under sections 6.7.2, 6.7.3, 6.7.4, 6.7.5, subsections 6.8.2.1, 6.8.2.2, 6.8.2.5, 6.8.3.1, 6.8.3.2, 6.8.3.5 and the applicable special provisions in section 6.8.4 (e), sections 6.9.2, 6.9.3, 6.9.6, subsections 6.11.3.1, 6.11.3.2, and 6.11.3.4, and sections 6.11.4 and 6.11.5 of ADR with the exception of the substances and gases being carried, which are to be indicated by the filler;

13.4.14.3.2. Subject to the provisions of paragraphs [6.7.2.19.7](#), [6.7.2.19.11](#), [6.7.3.15.7](#), [6.7.4.14.7](#), [6.7.4.14.12](#), [6.8.2.4.4](#), [6.8.3.4.14](#), and subsection 6.9.5.2 of ADR, an exceptional inspection and test is carried out; (T-0)

13.4.14.3.3. Only tank-containers or portable tanks are used whose shell thickness complies with the requirements specified in [paragraph 4.3.2.3.1](#), subsections 6.7.2.4, 6.7.3.4, 6.7.4.4, and paragraphs 6.8.2.1.17 to 6.8.2.1.20 of ADR; (T-0)

13.4.14.3.4. The pressure-relief devices of portable tanks are inspected under paragraph 4.2.1.17.1 of ADR; (T-0)

13.4.14.3.5. For tank containers, the tank record is maintained, retained, handed over to a new owner or operator, submitted to the competent authority upon request, and made available to the expert under paragraph 4.3.2.1.7 of ADR; (T-0)

LESLIE F. HAUCK III, Colonel, USAF
Commander, 52 Fighter Wing

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

ADR, Agreement Concerning the International Carriage of Dangerous Goods by Road 2023

AFI 24-602V2, Cargo Movement, 12 Jun 2019

AFMAN 32-7002, Environmental Compliance and Pollution Prevention, 04 Feb 2020

AFI 90-821, Hazard Communication (HAZCOM) Program, 13 May 2019

AFMAN 24-604, Preparing Hazardous Material for Military Shipments, 9 Oct 2020

DESR 6055.09_AFMAN 91-201, Explosives Safety Standards, 28 May 2020

DESR6055.09_AFMAN 91-201_USAFE-AFARICASUP, Explosive Safety Standards, 06 Jan 2021

CFR49, Parts 100 to 185, Transportation, 14 Jul 2022

DOD 4500.9-R, Part II, Defense Transportation Regulation (DTR), 10 Feb 2023

DOD 4500.36-R, Management, Acquisition and use Motor Vehicles, 7 Jul 2015

IEMP 10-2, Installation Emergency Management Plan, 01 Nov 2022

USAFE-AFAFRICAI 23-104, USAFE-AFAFRICA Command Dangerous Goods Program, 2 Mar 2022

USAREUR 55-48, Blocking and Bracing for Motor Transport, 03 Jul 2007

Prescribed Forms

None

Adopted Forms

AF Form 55, Employee Safety and Health Record

DAF Form 847, Recommendation for Change of Publication

DD Form 1384, Transportation Control and Movement Document

DD Form 2890, DoD Multimodal Dangerous Goods Declaration

SF 182, Authorization, Agreement and Certification of Training

USAFE-AFAFRICA Form 60, Command/Installation Dangerous Goods Advisor Annual Report

USAFE-AFAFRICA Form 61, Accident/Incident Report on Occurrences during the Carriage of Dangerous Goods/Hazardous Waste

USAFE-AFAFRICA Form 63, Command Dangerous Goods Advisor (CDGA)/Installation Dangerous Goods Advisor (IDGA) Monitoring Report

USAFE-AFAFRICA Form 66, Dangerous Goods Advisor (DGA) Appointment Order

USAFE-AFAFRICA Form 67, *Certifier Certifying Official for Dangerous Goods and Hazardous Waste Movements Appointment Order – Mode Surface*

USAFE-AFAFRICA Form 68, *Certificate of Approval for Vehicles carrying certain Dangerous Goods*

Abbreviations and Acronyms

ADR—Agreement Concerning the International Carriage of Dangerous Goods by Road

AOR—Area of Responsibility

CA—Competent Authorities

CC—Unit Commander

CDGA—Command Dangerous Goods Advisor

CDGP—Command Dangerous Goods Program

CHWSA—Centralized Hazardous Waste Storage Area (building 2028)

CL—Clinical Waste Regulation

CFR—Code Federal Regulation

CLP—Classification, Labeling and Packaging Directive (EC 1272/2008)

CLIN—Contract Line-Item Number

CPO—Civilian Personnel Office

CSC—Convention for Safe Containers

DG—Dangerous Goods

DCO—Dangerous Goods Certifying Official

DGA—Dangerous Goods Adviser

DGMP—Dangerous Goods Management Program

DGR—Dangerous Goods Regulation

DLA—Defense Logistics Agency

DOD—Department of Defense

DOT—Department of Transportation

DTR—Defense Transportation Regulation

DTS—Defense Transportation System

DRMS-E—Defense Reutilization and Marketing Service – Europe

ECIP—European Compliance Inspection Program

EU—European Union

EUCOM—European Command

EQ—Exempted Quantities IAW Chapter 3.5, ADR

EWC—European Waste Code

EX—Explosives

FCG—Foreign Clearance Guide

FGS-GE—Final Governing Standards – Germany

FL—Flammable Liquid

FMS—Foreign Military Sales

GBV—Gefahrgutbeauftragtenverordnung (German Dangerous Goods Advisor Policy)

GE—Germany

GE—only—Germany only (instructions marked ‘GE-only’ do not apply to GSUs located outside GE)

GGVSEB—Gefahrgutverordnung, Strasse, Eisenbahn und Binnenschifffahrt (German Ordinance regulating the movement of DG by roads, rail and inland waterways)

GMF—German Military Forces

GHS—Global Harmonized System of Classification and Labeling of Chemicals

GSU—Geography Separated Unit

HAZCOM—Hazard Communication

HAZMAT—Hazardous material (in context of this instruction = dangerous material)

HM—Hazardous Material

HN—Host Nation

HNCA—Host Nation Competent Authority

HMIRS—Hazardous Material Information Resource System

HNSA—Host Nation Surveillance Agency

HQ—Headquarter

HVCP—Hazardous Vehicle Compliance Program

HW—Hazardous Waste

HWAP—Hazardous Waste Accumulation Points

HWPS—Hazardous Waste Profile Sheets

HWSA—Hazardous Waste Storage Areas

IATA-DGR—International Air Transport Association- Dangerous Regulation

IDGA—Installation Dangerous Goods Advisor

IDO—Installation Deployment Officers

IHC—Interim Hazardous Classification

IEMP—Installation Emergency Management Plan

IMDG—Code—International Maritime Dangerous Goods Code

ISO—International Organization for Standardization

JHCS—Joint Hazardous Classification System

Kg—Kilogram

KWKG—War Weapon Control Act

LQ—Limited Quantities IAW Chapter 3.4, ADR

MCT—Movement Control Team

MICT—Management Internal Control Toolset

MEGC—Multi-Element-Gas Containers

MSC—Maritime Safety Committee

NATO—North Atlantic Treaty Organization

NLT—Not Later Than

N.O.S—Not Otherwise Specified

N/R—Not Regulated IAW DG Regulations

OI—Operating Instruction

OPR—Office of Primary Responsibility

ORP—Other Responsible Personnel

OSHA—Occupational Safety and Health Administration

PG—Packing Group

PSN—Proper Shipping Name

POV—Privately Owned Vehicles

RID—European Regulation Concerning the International Carriage of Dangerous Goods by Rail

SOFA—Status of Forces Agreement

SOLAS—International Convention for the Safety of Life at Sea

SOP—Standard Operating Procedure

StVZO—Strassenverkehrs Zulassungs Ordnung (German Traffic Registration Regulation)

PSN—Proper Shipping Name

PPE—Personal Protective Equipment

QTY—Quantity

RSEB—Richtlinie Strasse, Eisenbahn, Binnenschiffahrt (Host nation guideline providing Assistance/guidance using GGVSEB)

SA—Supplementary Agreement

SDS—Safety Data Sheet

TCMD—Transportation Control and Movement Document (DD Form 1384)

U.N.—United Nations

U.S.—United States

UDGA—Unit Dangerous Goods Advisor

UDGP—Unit Dangerous Goods Program

UDM—Unit Deployment Manager

USAF—United States Air Force

USAFE-AFAFRICA—United States Air Forces in Europe and Africa

USAREUR—United States Army in Europe

VDI 2700—Recommendations for Load Securing by German Engineering Association

Terms

Closed Vehicles—A vehicle having a body capable of being closed.

Combination packaging—Combination of packaging for transport purposes, consisting of one or more inner packaging secured in an outer packing in accordance with 4.1.1.5, ADR.

Command Dangerous Goods Program (CDGP)—see USAFE-AFAFRICA I 23-104.

European Waste Catalog (EWC)—Provides Classification and Disposal Instructions for HW Functional elements.

Dangerous Goods—Same as Hazardous Material.

Dangerous Goods Advisor (DGA)—Term includes all levels of DGAs (Command-, Installation- and Unit DGAs).

Dangerous Goods Certifying Officials (DCOs)—DCO declares, by signing the transport document or multimodal dangerous goods form, that the contents of a HAZMAT consignment complies with dangerous goods & safety regulations.

Dangerous Goods Management Plan (DGMP)—SABI 23-104.

Dangerous Goods Regulations—according to this instruction ADR, RID and IMDG-Code.

Final Governing Standards (FGS)—Final Governing Standards provide environmental compliance criteria at United States (U.S.) Department of Defense (DoD) installations in specific countries (e.g., FGS-Spain or FGS-Germany).

Gefahrgutbeauftragtenverordnung—German Dangerous Goods Advisor Policy.

Hazardous Materials (HM or HAZMAT)—In context of this instruction hazardous material includes all classes and types of dangerous goods regulated by ADR, RID and IMDG-Code, including hazardous waste.

Hazard Communication (HAZCOM)—The OSHA Hazard Communication Standard found in 29

CFR 1910.1200 requires supervisors to inform the workers they supervise of the occupational safety and health hazards of chemicals used in the workplace and the proper procedures and equipment to use to minimize the risks of injury or sickness.

Hazardous Substances and Mixtures—Chemicals classified as hazardous IAW CLP.

Hazardous Waste (HAZWASTE)—Waste that is regulated for transportation IAW ADR, RID and IMDG-Code, and described in AFI 32-7002, Waste Management and/or European Directives (e.g., 2000/532/EC).

Hazardous Waste Accumulation Points—An area at or near the point of generation for collecting and storing HW.

Hazardous Waste Storage Areas—Locations on the installation where HW is collected and stored prior to shipment for treatment or disposal.

Installation Commander—For the purpose of this Instruction the term is focusing on Wing Commanders that execute Installation Commanders duties.

Installation Dangerous Goods Advisor (IDGA)—The Wing IDGA implements and manages the Installation Dangerous Goods Management Program (DGMP) on behalf of the wing commander that acts as installation commander.

Military vehicles—includes leased vehicles exclusively used by military units.

Movement of Dangerous Goods (DG)—Includes preparation, transportation, temporary storage and receipt of DG.

Other Responsible Personnel (ORP)—In the sense of dangerous goods regulations ‘Other Responsible Personnel’ are personnel who execute duties prescribed by DG regulations, i.e., drivers, packers, loaders, receivers, etc.

Overpack—Enclosure used to contain one or more packages, consolidated into single unit easier to handle and stow during carriage.

Packaging—The processes and procedures used to protect materiel from deterioration, damage, or both. It includes cleaning, drying, preserving, packing, marking, and unitizing.

Placarding amounts—Quantity of DG for which, orange-colored plates must be attached to a vehicle.

Retail quantities—Packages on shelf ready for sale.

Responsible Personnel—Are commanders of units who have duties related to planning, preparing, storing, moving, loading, un-loading, carrying, and receiving of HAZMAT. The DG Program focus is on the head of the organization having overall responsibility. For USAFE units the lowest level of responsible personnel is the Squadron commander. Commanders are also appointed personnel.

Salvage Packaging—A special packaging into which damaged, defective or leaking dangerous goods packages, or dangerous goods that have spilled or leaked are placed for purposes of carriage for recovery or disposal.

Security Plan—Units handling or moving ‘High Consequence dangerous goods’ must ensure security plans compliant to 49 CFR Para 172.800 and Para 172.802, are implemented. Additional or more stringent requirements listed in Chapter 1.10 of the ADR/RID/ADN must also be incorporated into the security plan.

Sheeted Vehicles—An open vehicle provided with a sheet to protect the load.

Safety Advisor—Safety Advisor IAW Section 1.8.3, ADR.

Transport Unit—Vehicle (i.e., tractor and flatbed trailer loaded with ISO Containers).

Transportation Chain—multimodal transportation of DG (e.g., Road-Rail-Vessel-Road).

Unit Commander—Squadron or Group Commanders.

Unit Commander—For the purpose of this instruction ‘Unit Commanders’ are Squadron or Group

Commanders (responsible and appointed personnel).

Unit Dangerous Goods Advisor (UDGA)—Implement and execute the Dangerous Goods Management Program on behalf of the Squadron or Group Commander.

Written Instructions—Prescribes actions to be taken by driver in case of an accident or emergency.

Note—For additional Abbreviations, Acronyms and Terms relating transportation of DG - see DTR Vol. II and [Chap 1.2](#), ADR.

Attachment 2

DANGEROUS GOODSS FOR WHICH A ROUTING PERMIT IS REQUIRED

Table A2.1. Dangerous goods for which a Routing Permit is required.

No.	Class/Su b-Class	Substance or Article	Carriage in		Remarks
			Tanks above	Packages above	
1	1.1	Explosive substances and articles	Not permitted	1000 kg NEW	Contact TMO or IDGA for exemptions IAW § 35c(9)
	1.2	Explosive substances and articles	Not permitted	1000 kg NEW	
	1.5	Explosive substances and articles	1000 kg NEW	1000 kg NEW	Carriage in tanks = N/A for USAFE units
2	2	Flammable gases (Classification code letter F only)	9000 kg net mass	N/A	§§35 & 35a apply to the carriage in tanks only
3	2	Toxic gases (Classification code letters T, TF, TC, TO, TFC or TOC)	1000 kg net mass	N/A	§§35 & 35a apply to the carriage in tanks only
4	3	Flammable liquids assigned to Packing Groups I and II, except for UN No.'s 1093, 1099, 1100, 1131 and 1921	3000 Liters of Packing Group I 6000 Liters of Packing Group II	N/A	§§35a applies to the carriage in tanks only
5	3	UN No.'s 1093, 1099, 1100, 1131 and 1921 assigned to Packing Group I	3000 Liters	N/A	§§35 & 35a apply to the carriage in tanks only
6	4.1	Solid desensitized explosives assigned to UN No.'s 3364, 3365, 3367 and 3368	N/A	1000 kg NEW	
7	4.2	UN 3394	3000 Liter	N/A	§§35 & 35a apply to the carriage in tanks only

8	4.3	UN No.'s 1928 and 3399	3000 Liter	N/A	§§35 & 35a apply to the carriage in tanks only
9	5.1	Oxidizing liquids assigned to Packing Group I of UN No.'s 1745, 1746, 1873 and 2015	3000 Liter	N/A	§§35 & 35a apply to the carriage in tanks only
10	6.1	Toxic Liquids assigned to Packing Group I	3000 Liter	N/A	§§35 & 35a apply to the carriage in tanks only
11	8	Corrosive Liquids assigned to Packing Group I of UN No.'s 1052, 1739, 1744, 1777, 1790, 1829 and 2699	3000 Liter	N/A	§§35 & 35a apply to the carriage in tanks only

Attachment 3

SPANGDAHLEM AB, DGMP CHECKLIST I/A

Figure A3.1. Spangdahlem AB, DGMP Checklist I/A.

ROAD TRANSPORTATION OF DANGEROUS GOODS (on off Base)

Inspection Ref. No. _____

I Location of check: II Date-Time: III Type of vehicle:

IV License plate of vehicle: V License plate of trailer:

VI Driver: VII License Number:

VIII Consignor: IX Consignee:

1. General				
a. for loads not exceeding Limited (LQ) or Excepted Quantities (EQ) use DGP Checklist attachment 12 ¹				
b. for loads not exceeding the exemption Limits prescribed in Section 1.1.3.6. ADR, use DGP Checklist attachment 12 ²				
c. for the carriage of DG in a transport chain including maritime or air carriage, see Para 1.1.4.2.1 ADR for details				
(1) For the carriage of DG including military or commercial air carriage, see IATA or AFMAN 24-604 for attached checklists				
d. for on-base only shipments (OBO) not leaving military installations check Column OBO all marked with "X"				
	OBO	Inspection Status		
2. Driver				
a. Driver ID card (with Picture according to ADR 1.10.1.4)		SAT	UNSAT	
b. ADR driver certificate (ADR 8.2.1)	X	SAT	UNSAT	
c. Valid driver's License	X	SAT	UNSAT	
d. Driver briefed on contents of Dangerous Goods	X	SAT	UNSAT	
e. Driver briefed on emergency actions to be taken in case of an accident/incident	X	SAT	UNSAT	
f. Driver informed on no smoking rule ⁴	X	SAT	UNSAT	
g. No obvious signs that the driver is unfit to drive due to drugs, alcohol or medication	X	SAT	UNSAT	
3. Documentation				
a. ADR transport document (see Attachment 4 for Document entries)	X	SAT	UNSAT	
b. DD Form 626 (Motor Vehicle Inspection)		SAT	UNSAT	
c. Written Instruction (ADR 5.4.3)	X	SAT	UNSAT	
d. ADR vehicle certificate (e.g. USAFE FORM 68)		SAT	UNSAT	N/A
e. Routing permit IAW Para 11.2.1 and Attachment 2 of SABI 23-104 ³		SAT	UNSAT	N/A
f. Container/Vehicle packing certificate ⁵		SAT	UNSAT	N/A
g. Waivers/Permits/Exemptions/Clearances (other)		SAT	UNSAT	N/A
h. Customs documents for border crossing shipments (AE Form 302)		SAT	UNSAT	N/A
4. Carriage				
a. Hazardous material authorized for transportation	X	SAT	UNSAT	N/A
b. Type of vehicles/railcar authorized for carriage of dangerous goods	X	SAT	UNSAT	N/A
c. Closed/sheeted vehicles used to carry moisture sensitive packages	X	SAT	UNSAT	N/A
d. Max. loading capacity of transport unit not exceeded	X	SAT	UNSAT	N/A
e. Load securing (ADR 7.5.7)	X	SAT	UNSAT	N/A
f. No leaks or damages	X	SAT	UNSAT	N/A
g. Open or Ventilated Vehicles required by ADR Special Provisions ⁷	X	SAT	UNSAT	N/A
h. CSC approve plate ⁸		SAT	UNSAT	N/A
i. N.E.W. limitations ⁹		SAT	UNSAT	N/A
5. Mixed Loading (see attachment 7 of SABI 23-104) ³	X	SAT	UNSAT	N/A
6. Packaging (see attachment 8 of SABI 23-104)	X			
7. Placarding and Marking (see attachment 8 of SABI 23-104)	X			
8. Vehicle Equipment I(see attachment 5 of SABI 23-104)	X			
9. Fire-fighting equipment (see attachment 5&6 of SABI 23-104)	X			

X. Inspector:.....

Name (print) Signature Date

[See reverse page for notes and remarks]

Figure A3.2. Spangdahlem AB, Checklist I/A backside.

NOTES:

OBO = On Base Only (minimum requirement - applies to the carriage of dangerous goods (DG) within fenced boundaries of military installations)

ADR = Agreement Concerning the International Carriage of Dangerous Goods by Road (comply when moving DG off the installation)

IATA-DGR = International Air Transport Association – Dangerous Goods Regulations

IMDG-Code = International Maritime Dangerous Goods - Code

AFMAN 24-604 = Preparing Hazardous Materials for Military Air Shipments

¹ Limited (LQ) and exempted quantities are subject to Chapters 3.4 & 3.5 of the ADR

² Loads not exceeding the exemption limits prescribed in 1.1.3.6, ADR are exempt from various provisions of the ADR – use DGP Checklist III

³ See 7.5.2 ADR or DGA Checklist I/E to verify mixed loading permits in a vehicle or container

⁴ No smoking authorized during loading, unloading and in vehicles when handling dangerous goods. No smoking authorized in vehicles during transportation if driver's cab is not separated from the loading compartment. No smoking authorized in vehicles carrying class 1, ammunition and/or explosives, regardless of vehicle design.

⁵ Special routing permits are required for loads exceeding the threshold limits specified in Attachment 2 of SABI 23-104. If applicable, ensure driver is in possession of the necessary permit (issued by host nation).

⁶ If the carriage of dangerous goods in a large container precedes a voyage by sea, a container packing certificate conforming to section 5.4.2 of the IMDG Code shall be issued with the transport document. Certificate must be signed by the individual responsible for packing/loading.

⁷ If Special Provision 'CV36' applies (ADR, Table A, Chap 3.2, Column 18), only open or ventilated vehicles will be used for the carriage of these dangerous goods. Under no circumstances will dangerous goods subject to 'CV 36' be carried in the vehicle cab (cab must air-separated from loading compartment).

⁸ Unless otherwise specified (in ADR/RID/IMDG), the applicable provisions of the International Convention for Safe Containers (CSC) 1972, as amended shall be followed for the use of any cargo transport unit) which meets the definition of a 'container' (e.g. 20/40 ft ISO or MILVAN within the terms of that convention. [Ref.: 7.4.2, IMDG / 7.1.3, ADR/RID] Containers shall not be offered for the transport of goods of class 1 other than division 1.4 unless the container is structurally serviceable, as witnessed by a current CSC approval plate. [Ref. 7.4.6.4.2, IMDG]

⁹ The total net mass in kg (NEW) of explosive substance and articles which may be carried on one transport unit is limited as indicated in sub-paragraph 7.5.5.2.1, ADR/RID. In deviation from 7.5.5.2.1, ADR/RID the maximum permissible NEW for military EX/II transport units carrying explosives or ammunition, subclasses 1.1-1.3 is 7,500 kg [Ref.: Waiver BMVg Nr. 22 (S) US]. On-base movement of ammunition and explosives is subject to USAFE Sup to AFMAN91-201.

REMARKS:

Figure A4.2. Spangdahlem AB, DGMP Checklist I/B backside.

NOTES:

ADR = Agreement Concerning the International Carriage of Dangerous Goods by Road (comply when moving DG off the installation)

¹ **OBO = On Base Only (applies to the carriage of dangerous goods within fenced boundaries of military installations)**

² **ADR: For UN Numbers assigned to special provisions 274 or 318, enter the technical name in brackets. Two technical names are required for mixtures. The percentage of the technical constituent may also be entered.**

³ **Entries in the transport document must be in the following order: UN No / PSN + (if required the Technical Name) / Classification Code or Label Model No / Sub-risk Label Model No / Packaging Group / Tunnel Restriction Code.**

⁴ **The particulars entered in the transport document must be in German and English language. English language only is authorized for OBO shipments, or if carried off-base in a transport chain that includes maritime or air carriage.**

⁵ **not used**

⁶ **The statement "Environmentally Hazardous" must be entered in the ADR Transport Document if DG has been identified as environmentally hazardous substances (e.g. by the environmentally hazardous substance mark or in the Safety Data Sheet).**

⁷ **e.g. Multilateral Agreements, Competent Authority Approvals (CAAs), Single Waivers etc.**

⁸ **Special statements may be required in the ADR transport document for Fireworks (UN No. 0333 - 0337) and substances and explosives assigned to an N.O.S. entry, or if packed IAW Packaging Instruction P 101. See Chapter 5.4 ADR for details.**

⁹ **Statement is required for carriage in a transport chain including maritime or air carriage.**

¹⁰ **e.g. "Empty Packaging" or "Empty Tank-Vehicle, last load: UN 1202 Diesel Fuel, 3, PG III (D/E)"**

Attachment 5

SPANGDAHLEM AB, DGMP CHECKLIST I/C

Table A5.1. Spangdahlem AB, DGMP Checklist I/C.

ROAD TRANSPORTATION OF DANGEROUS GOODS (on/off Base)

Inspection Ref. No. _____

Vehicle Equipment (Ref.: Section 8.1.5. ADR: Miscellaneous Equipment and equipment for personal protection)

Equipment/Danger Label	1*	2.1	2.2	2.3	3	4.1	4.2	4.3	5.1	5.2	6.1	6.2	7	8	9	Inspection Status	
a. Wheel chock	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
b. Two self-standing warning signs	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
c. Eye rinsing liquid ¹	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
d. Fire Extinguisher(s) ²	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
e. Warning vest(s) ³	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
f. A pair of protective gloves ³	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
g. Eye Protection (protective goggles) ³	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
h. Portable Lighting apparatus (flashlight) ³	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	SAT	UNSAT
i. Emergency escape mask				X							X					SAT	UNSAT
j. A shovel ⁴					X	X	X	X						X	X	SAT	UNSAT
k. A drain seal ⁴					X	X	X	X						X	X	SAT	UNSAT
l. A collecting container made of plastics ⁴					X	X	X	X						X	X	SAT	UNSAT

Notes:

¹ Not required for danger label numbers 1, 1.4, 1.5, 1.6, 2.1, 2.2 and 2.3

² See DGP Checklist I/D for more details

³ Equipment required for each member of the vehicle crew

⁴ Only required for solids and liquids with danger label numbers 3, 4.1, 4.3 and 8

* Includes all class 1 division (1.1 – 1.6)

Caution: Regardless of quantity or type of dangerous goods carried; all vehicles must be equipped with a first aid kit, a warning triangle, and a warning light for vehicles exceeding a permissible mass of more than 3.5 tons.

Remarks

Inspector: Name (print) Signature Date

Attachment 6

SPANGDAHLEM AB, DGMP CHECKLIST I/D

Table A6.1. Spangdahlem AB, DGMP Checklist I/D.

ROAD TRANSPORTATION OF DANGEROUS GOODS (on/off Base)

Inspection Ref. No. _____

Fire-fighting equipment (Ref.: Section 8.1.4. ADR)

Transport unit maximum permissible mass ¹	Minimum total capacity per transport unit	Total mass of all fire extinguishers ²	Extinguishers suitable for engine or cab fire. At least one with a minimum capacity of:	Additional extinguisher(s) requirement. At least one extinguisher shall have a minimum capacity of: ³	Inspection Status
a. ≤ 3.5 tons	2 x	4 kg	2 kg	2 kg	SAT UNSAT N/A
b. > 3.5 ≤ 7.5 tons	2 x	8 kg	2 kg	6 kg	SAT UNSAT N/A
c. > 7.5 tons	2 x	12 kg	2 kg	6 kg	SAT UNSAT N/A
d. ABC type extinguisher used (Norm: EN 3-7:2004 + A1:2007)					
e. Seals are not damaged					
f. Marking indicates month/year of the next recurring inspection					
g. Recurring inspection dates not exceeded (LAW German national standards every 2 years) ⁴					
h. Fire extinguishers protected against effects of weather (e.g. plastic cover)					
i. Fire extinguishers easily accessible to the vehicle crew					

Notes:

- ¹ Maximum permissible mass of transport unit (motor vehicle with or without attached trailer)
- ² Minimum capacity per transport unit (including all fire extinguishers)
- ³ At least one of the fire extinguishers must have the minimum capacity indicated
- ⁴ During carriage, the inspection date must not expire (e.g. deployment of the vehicle)

Other/Remarks.....

 Inspector:
 Name (print) Signature Date

Attachment 7

SPANGDAHLEM AB, DGMP CHECKLIST I/E

Figure A7.1. Spangdahlem AB, DGMP Checklist I/E.

ROAD TRANSPORTATION OF DANGEROUS GOODS (on/off Base)																			
Inspection Ref. No. _____																			
Mixed Loading Prohibitions (Ref.: Section 7.5.2, ADR)																			
X = Mixed loading permitted (Document inspection results in DGP Checklist I/A Block 5.)																			
(See reverse page for Notes)																			
Table A																			
Label Nos.	1	1.4	1.5	1.6	2.1, 2.2, 2.3	3	4.1	4.1 +1	4.2	4.3	5.1	5.2	5.2 +1	6.1	6.2	7A, B, C	8	9, 9A	
1											d							b	
1.4				See 7.5.2.2	a	a	a		a	a	a	a		a	a	a	a	a	
1.5																			b
1.6																			b
2.1, 2.2, 2.3		a				X	X	X		X	X	X	X		X	X	X	X	X
3		a			X	X	X		X	X	X	X		X	X	X	X	X	
4.1		a			X	X	X		X	X	X	X		X	X	X	X	X	
4.1+1							X												
4.2		a			X	X	X		X	X	X	X		X	X	X	X	X	
4.3		a			X	X	X		X	X	X	X		X	X	X	X	X	
5.1		d	a		X	X	X		X	X	X	X		X	X	X	X	X	
5.2		a			X	X	X		X	X	X	X	X	X	X	X	X	X	
5.2+1												X	X						
6.1		a			X	X	X		X	X	X	X		X	X	X	X	X	
6.2		a			X	X	X		X	X	X	X		X	X	X	X	X	
7A, B, C		a			X	X	X		X	X	X	X		X	X	X	X	X	
8		a			X	X	X		X	X	X	X		X	X	X	X	X	
9, 9A	b	a b c	b	b	X	X	X		X	X	X	X		X	X	X	X	X	

Table B													
Compatibility Group	A	B	C	D	E	F	G	H	J	L	N	S	
A	X												
B		X		a								X	
C			X	X	X		X				bc	X	
D		a	X	X	X		X				bc	X	
E			X	X	X		X				bc	X	
F						X						X	
G			X	X	X		X					X	
H								X				X	
J									X			X	
L										d			
N			bc	bc	bc						b	X	
S		X	X	X	X	X	X	X	X		X	X	

Figure A7.2. Spangdahlem AB, DGMP Checklist I/E backside.**Notes:**

General Information. Packages bearing different danger labels shall not be loaded together in the same vehicle or container unless mixed loading is permitted according to Table A or Table B, based on the danger labels they bear.

For packages containing substances or articles only of Class 1 and bearing a label conforming to models Nos. 1, 1.4, 1.5 or 1.6, irrespective of any other danger labels required for these packages, mixed loading shall be permitted in accordance with 7.5.2.2. The Table in 7.5.2.1 shall only apply when such packages are loaded together with packages containing substances or articles of other classes.

Table A

X Mixed loading permitted.

^a Mixed loading permitted with 1.4S substances and articles.

^b Mixed loading permitted between goods of Class 1 and life-saving appliances of Class 9 (UN 2990, 3072 and 3268).

^c Mixed loading permitted between safety devices, pyrotechnic of Division 1.4, compatibility group G (UN No. 0503) and safety devices, electrically initiated of Class 9 (UN No. 3268).

^d Mixed loading permitted between blasting explosives (except UN No. 0083 explosive, blasting, type C) and ammonium nitrate (UN No. 1942 and 2067), ammonium nitrate emulsion or suspension or gel (UN No. 3375) and alkali metal nitrates and alkaline earth metal nitrates provided the aggregate is treated as blasting explosives under Class 1 for the purpose of placarding, segregation, stowage and maximum permissible load. Alkali metal nitrates include cesium nitrate (UN 1451), lithium nitrate (UN 2722), potassium nitrate (UN 1486), rubidium nitrate (UN 1477) and sodium nitrate (UN 1498). Alkaline earth metal nitrates include barium nitrate (UN1446), beryllium nitrate (UN 2464), calcium nitrate (UN1454), magnesium nitrate (UN 1474) and strontium nitrate (UN 1507).

Table B

X Mixed loading permitted.

^a Packages containing articles of compatibility group B and those containing substances or articles of compatibility group D may be loaded together on one vehicle or in one container provided they are effectively segregated such that there is no danger of transmission of detonation from the articles of compatibility group B to the substances or articles of compatibility group D. Segregation shall be achieved by the use of separate compartments or by placing one of the two types of explosive in a special containment system. Either method of segregation shall be approved by the competent authority.

^b Different types of articles of division 1.6, compatibility group N, may be carried together as articles of division 1.6, compatibility group N, only when it is proven by testing or analogy that there is no additional hazard of sympathetic detonation between the articles. Otherwise they should be treated as hazard division 1.1.

^c When articles of compatibility group N are carried with substances or articles of compatibility group C, D or E, the articles of compatibility group N should be considered as having the characteristics of compatibility group D.

^d Package containing substances and articles of Compatibility Group L may be loaded together on one vehicle or in one container with packages containing the same type of substances and articles of that compatibility group.

Attachment 8

SPANGDAHLEM AB, DGMP COMBINED CHECKLIST

Table A8.1. Spangdahlem AB, DGMP Combined Checklist Part 1.

Dangerous Goods Checklist for a Non-Radioactive shipment						
Inspection Ref. No.						
Packing Requirements	ADR	IATA	IMDG	Inspection Status		
				YES	NO*	N/A
Package complies with packing instruction	X	X	X			
Packing Codes (POP Markings)	X	X	X			
Weight limits not exceeded	X	X	X			
Period of use for plastic containers not exceeded	X	X	X			
UN Number, preceded by prefix	X	X	X			
“OVERPACK” marking when marks and labels are not visible on the packages within the overpack	X	X	X			
Marks and labels are reproduced on the outside of the overpack	X	X	X			
“SALVAGE” marking	X	X	X			
Orientation Arrows	X	X	X			
Proper Shipping Name including technical name where required	X	X	X			
Hazard labels for primary and subsidiary hazards	X	X	X			
“Cargo Aircraft Only” label		X				
“Cryogenic Liquid” label		X				
“Keep Away From Heat” label	X	X	X			
All labels correctly located, affixed and irrelevant marks and labels removed or obliterated	X	X	X			
Environmentally hazardous marking	X	X				
Marine Pollutant mark			X			
IBC's / large packaging's marked & labeled on two opposing sides	X	X	X			
Limited- or excepted quantity marks affixed	X	X	X			
Full name and address of consignor and consignee	X	X				
Carbon Dioxide, solid (Dry Ice), net qty. marked on packages		X				
Name and telephone number of a responsible person for Division 6.2 infectious Substances shipment		X				
Infectious substance package mark	X	X	X			
Lithium Battery mark	X	X	X			
GHS/CLP markings	X	X	X			
Shippers Declaration For Dangerous Goods						
Two copies in English and in the IATA format incl. the air certification statement		X				
Full name and address of Shipper and Consignee		X				
Air Waybill number		X				
The number of pages shown		X				
The non-applicable Aircraft Type deleted or not shown		X				
Full Name or Airport of City of Departure		X				

Table A8.2. Spangdahlem AB, DGMP Combined Checklist Part 2.

The word "Radioactive" deleted or not shown		X				
UN number preceded by prefix		X				
PSN and technical name in brackets for asterisked entries		X				
Class of Division and for Class 1, the Compatibility Group		X				
Subsidiary risk, in parentheses, immediately following Class or Division		X				
	ADR	IATA	IMDG	Inspection Status		
Shippers Declaration For Dangerous Goods continued				YES	NO*	N/A
Packing Group		X				
Number and type of Packages		X				
Quantity and unit of measure (net or gross followed by "G", as applicable) within per package limit		X				
Class 1, net quantity supplemented with the net explosive mass followed by unit of measurement		X				
Compatible according to Table 9.3.A		X				
UN packages containing Division 6.2		X				
Wording "All packed in one (type of packaging)"		X				
Calculating of "Q" value must not exceed		X				
Word "Overpack used"		X				
Packing Instruction Number		X				
Mandatory statement in additional handling information, shown for self-reactive and related substances of division 4.1 and organic peroxides of Division 5.2 of samples thereof, PBE, viscous flammable liquids and fireworks		X				
Name of signatory, date, and signature of shipper		X				
Transportation Document						
UN number	X	X	X			
Waste (PSN preceded by the word "WASTE")	X	X	X			
Proper shipping name (PSN)	X	X	X			
Technical name in brackets	X	X	X			
Classification code or label number	X	X	X			
Sub-risk label in brackets when assigned	X	X	X			
Packaging Group when assigned	X	X	X			
Transport Category and Tunnel restriction code	X					
Above entries in proper sequence	X	X	X			
Number and description of packages	X	X	X			
Total quantity of each dangerous goods bearing a different UN Number, PSN, Packaging Group, Transport Category (ADR only)	X	X	X			
Entries in proper language	X	X	X			
Information on transport document must be legible	X	X	X			
Consignor and Consignee (Name and Address)	X	X	X			
Declaration of Conformity			X			
Statement "Environmentally Hazardous"	X	X				
Statement "Marine Pollutant"			X			
Declaration as required by terms of any special agreement	X					
Statement of classification or packaging approval (Class 1)	X		X			
Statement "Carriage in accordance with 1.1.4.2.1"	X					
Statement for empty, un-cleaned packages, tank-vehicles etc.	X	X	X			

Table A8.3. Spangdahlem AB, DGMP Combined Checklist Part 3.

Statement "Salvage Packaging" (after description of the goods)	X		X			
Statement "Beförderung nach § 35 Abs., Nr. 2 GGVSEB"	X					
Class 6.2 name and phone # of responsible person (consignee)	X	X	X			
Flash point (for DG having a flashpoint of 60 C or below)			X			
"Limited quantity" or "LTD QTY"		X	X			
State and Operator variations complied with		X				

Table A8.4. Spangdahlem AB, DGMP Combined Checklist Part 4.

	ADR	IATA	IMDG	Inspection Status		
				YES	NO*	N/A
Transportation Document continued						
“Dangerous Goods in excepted quantities” + number of packages + description of the shipment	X	X	X			
Compatible IAW ADR 7.5.2.1, IATA Table 9.3A, IMDG 7.2.4	X	X	X			
Exemption 1.1.3.6 (under 1000 Points)	X					
Exemption 1.1.4.2.1 (Carriage in a transport chain)	X					
Miscellaneous						
Valid driver’s license	X					
ADR license if applicable	X					
Does the driver carry instructions in writing IAW ADR 5.4.3	X					
Placarding and Marking						
Orange colored plate marking	X					
Proper placards affixed on all four sides of the container	X	X	X			
Proper placards affixed on both sides and the end of the vehicle	X	X	X			
Proper placards affixed on both sides and the end of the tank-vehicle	X	X	X			
Most dangerous division outlined on placards for mixed loads of Class 1	X	X	X			
Compatibility groups (CG) not indicated on placards for loads with mixed CG	X	X	X			
Environmentally hazardous substance mark affixed on containers and tank-vehicles	X	X				
Marine pollutant mark affixed on containers and tank-vehicles			X			
UN Number displayed on CTU’s carrying >4000 kg of single type of DG	X	X	X			
Proper Shipping Name (PSN) displayed on both sides of the CTU	X	X	X			
Limited quantity marks affixed on CTU’s (25x25cm)	X	X	X			
Fire Extinguisher						
Right amount of portable Fire Extinguisher according to ADR 8.1.4.	X					
ABC type extinguisher used (Norm: EN 3-7:2004 + AI)	X					
Required seals not damaged	X					
Marking indicating monthly/year of next recurring inspection	X					
Inspection date not exceeded (inspection is due every 2 yrs.)	X					
Protected against effects of weather	X					
Easily accessible to vehicle crew	X					
Required PPE for Driver and Co Driver on Board	X					

* If any box is checked “NO” do not forward the shipment to the carrier and correct the issue.

Remarks: _____

Inspector Name (print): _____

Inspector Signature: _____

Date: _____










Attachment 9

SPANGDAHLEM AB, DGMP DG CERTIFYING CHECKLIST

Figure A9.1. Spangdahlem AB, DGMP DG Certifying Checklist Part 1.

Hazardous Material			
TCN	_____		
UN	_____		
PSN	_____		
(Technical Name)	_____		
(Environmental Substance)	Yes	No	
Class	_____		
(Subsidiary Class)	_____		
Packing Group	_____		
Transport Category	_____		
(Tunnel Code)	_____		
Type Package	_____		
Haz in KG/Liters	_____		
Point's	_____		
LQ	Yes	No	
EQ	Yes	No	
Orientation Arrows	Yes	No	
Special Provision Colum 6, 16 -19	Yes	No	
ADR move in accordance with 1.1.4.2.1 (Transport Chain)	Yes	No	
Packed by	_____	_____	Date _____
	(Print Name)	(Signature)	

Figure A9.2. Spangdahlem AB, DGMP DG Certifying Checklist Part 2.

		Hazardous Substance (ECHA / CAS #)	
TCN _____	<input type="checkbox"/>		GHS 01
	<input type="checkbox"/>		GHS 02
	<input type="checkbox"/>		GHS 03
	<input type="checkbox"/>		GHS 04
	<input type="checkbox"/>		GHS 05
	<input type="checkbox"/>		GHS 06
	<input type="checkbox"/>		GHS 07
	<input type="checkbox"/>		GHS 08
	<input type="checkbox"/>		GHS 09

Packed by _____ (Print Name) _____ (Signature) Date _____

Attachment 10

SPANGDAHLEM AB, DGMP DG CERTIFYING CHECKLIST AMMO

Figure A10.1. Spangdahlem AB, DGMP DG Certifying Checklist AMMO.

ADR Hazardous Material Information Sheet for AMMO

TCN _____

UN _____

PSN _____

(Technical Name) _____

(Environmentally Hazardous Substance) Yes No

Class

(Subsidiary Class) _____

Packing Group

Special Provision (Column 6, 16 -19) Yes _____ No

Packing Instruction _____

Transport Category _____

(Tunnel Code) _____

Type Package _____

Haz in KG/Liters _____

N.E.W. in KG

Point's IAW 1.1.3.6.3 _____

LQ Yes No

EQ Yes No

Orientation Arrows Yes No

ADR move in accordance with 1.1.4.2.1 (Transport Chain) Yes No

I certify that the above HAZMAT is packed, labeled and documented IAW the current ADR regulations:

(Print Name)

(Signature)

Date

Attachment 11

SPANGDAHLEM AB, DGMP DG CERTIFYING CHECKLIST DEPLOYMENT

Figure A11.1. Spangdahlem AB, DGMP DG Certifying Checklist Deployment.

ADR Hazardous Material Information Sheet for Deployments

Deployment TCN _____ Truck # _____

UN _____

PSN

(Technical Name) _____

(Environmentally Hazardous Substance) Yes No

Class _____

(Subsidiary Class) _____

Packing Group

Special Provision (Column 6, 16 -19) Yes _____ No

Packing Instruction _____

Transport Category _____

(Tunnel Code) _____

Type Package

Haz in KG/Liters _____

Point's IAW 1.1.3.6.3 _____

LQ Yes No

EQ Yes No

Orientation Arrows Yes No

ADR move in accordance with 1.1.4.2.1 (Transport Chain) Yes No

I certify that the above HAZMAT is packed, labeled and documented IAW the current ADR regulations:

(Print Name)

(Signature)

Date _____

Attachment 12

SPANGDAHLEM AB. DGMP CHECKLIST I/F

Figure A12.1. Spangdahlem AB, DGMP Checklist I/F.

ROAD TRANSPORTATION OF DANGEROUS GOODS (off Base)				
Inspection Ref. No.				
Packaging, Placarding & Marking				
	OBO	Inspection Status		
1. Packaging				
a. Package complies with packaging instruction		SAT	UNSAT	
b. Packaging Codes (Ref.: 6.1.3.1, ADR)		SAT	UNSAT	N/A
c. Weight limits of packages not exceeded	X	SAT	UNSAT	
d. Period of use for plastic containers not exceeded ¹	X	SAT	UNSAT	N/A
e. Have measures been taken to prevent leakage of contents ⁴	X	SAT	UNSAT	N/A
f. Packing of Class 2 items IAW 4.1.6.8, ADR ⁷	X	SAT	UNSAT	N/A
g. Marking and labeling of packages				
(1) UN Number	X	SAT	UNSAT	
(2) "OVERPACK" marking (Ref.: 5.1.2, ADR)	X	SAT	UNSAT	N/A
(3) "SALVAGE" marking (Ref.: 5.2.1.3, ADR)	X	SAT	UNSAT	N/A
(4) Orientation arrows (Ref.: 5.2.1.10, ADR) ²	X	SAT	UNSAT	N/A
(5) Proper Shipping Name for Class 1 (ammo & explosives)	X	SAT	UNSAT	N/A
(6) Proper Shipping Name for Class 2 (gases)	X	SAT	UNSAT	N/A
(7) PSN supplemented with technical name (IAW SP 274 or 318)		SAT	UNSAT	N/A
(8) Hazard 1 labels (Ref.: Chap 5.2, ADR)	X	SAT	UNSAT	
(9) Environmentally hazardous marking ³	X	SAT	UNSAT	N/A
(10) IBCs and large packaging's marked & labeled on two opposite sides	X	SAT	UNSAT	N/A
h. GHS/CLP or OSHA markings (Ref.: EG 1272/2008, Art. 33) ⁵	X	SAT	UNSAT	
2. Placarding & Marking (Ref.: Chap 5.3, ADR)				
a. Orange colored plate marking (Ref.: Section 5.3.2, ADR) ⁶	X	SAT	UNSAT	
b. Orange colored plates showing Hazard ID and UN Nos on tank-vehicles (Ref. 5.3.2.1, ADR) ⁶	X	SAT	UNSAT	N/A
c. Proper placards affixed on all four sides of the container ⁸	X	SAT	UNSAT	N/A
d. Proper placards affixed on both sides and the end of the vehicle ⁹	X	SAT	UNSAT	N/A
e. Proper placards affixed on both sides and the end of the tank-vehicle ¹⁰	X	SAT	UNSAT	
f. Most dangerous division outlined on placards for mixed loads of Class 1 ¹¹		SAT	UNSAT	N/A
g. Compatibly groups (CG) not indicated on placards for loads with mixed		SAT	UNSAT	N/A
h. Environmentally hazardous substance mark affixed on containers & tank-	X	SAT	UNSAT	N/A
Remarks				
Inspector:.....				
Name (print)	Signature	Date		
(See reverse page for NOTES)				

Figure A12.2. Spangdahlem AB, DGMP Checklist I/F backside.

NOTES:

OBO = On Base Only (minimum requirement - applies to the carriage of dangerous goods (DG) within fenced boundaries of military installations)

ADR = Agreement Concerning the International Carriage of Dangerous Goods by Road (comply when moving DG off the installation)

DG = Dangerous Goods (hazardous material and hazardous waste)

¹ For plastics containers, unless otherwise approved by the competent authority, the period of use permitted for the carriage of dangerous substances is 5 years, except where a shorter period of use is prescribed (e.g. 2 years for UN 1790 & UN 2031 IAW SP PP81).

² Required for combination packages containing inner packages filled with liquids (Exemption: Combination packages containing hermetically sealed inner packages with not more than 500 ml each); Single packages fitted with vents; Cryogenic receptacles carrying liquefied gases.

³ Applies to UN3077 & UN3082 and dangerous goods classified as environmentally hazardous IAW Para 2.2.9.1.10.5, ADR/RID. Marking is required on single packages or inner packages of combination packages exceeding 5 liters for liquids and 5 kg for solids. Marking is not required on "Overpack".

⁴ Measures must be taken to prevent leakage of contents during normal conditions of transportation (see 4.1.1.1, ADR). Packages must be clean and not damaged. Residues of filling substances must not adhere to the outside of the packages. Openings must be closed, sealed and protected against inadvertent discharge.

⁵ EG-GHS labels (showing Pictogram, Signal Words etc. - see Art. 16 of CLP) are required on: all single packages; inner and outer packages of combination packages (not required on outer package if dangerous goods labels are affixed). Safety Data Sheets provide information on hazard identification, GHS-Classification and labeling.

⁶ Transport units carrying DG must display two rectangular orange-colored plates (to be mounted at the front and the rear of the vehicle). Orange-colored plates affixed on tank-vehicles must also bear the UN number (lower half) and the hazard identification number (upper half).

⁷ Valves shall be designed and constructed in such a way that they are inherently able to withstand damage without release of the contents or shall be protected from damage which could cause inadvertent release of the contents of the pressure receptacle, by one of the following methods (see also table of standards at the end of this section):

(a) Valves are placed inside the neck of the pressure receptacle and protected by a threaded plug or cap;

(b) Valves are protected by caps. Caps shall possess vent-holes of sufficient cross-sectional area to evacuate the gas if leakage occurs at the valves;

(c) Valves are protected by shrouds or guards;

(d) Pressure receptacles are carried in frames, (e.g. cylinders in bundles); or

(e) Pressure receptacles are carried in protective boxes.

⁸ Containers (e.g. ISOs, MILVANS and tank-containers) must be affixed with placards (min 25x25cm in size) identifying the hazard(s) of the contents. With respect to colors and symbols, Placards shall have the same design as labels (correspond to 5.2.2.2, ADR/RID/IMDG). No placards are required for ammunition/explosives of Division 1.4, compatibility group S.

⁹ Vehicles used for the carriage of class 1 & 7 (other than in containers) must be affixed with placards described in Note ⁸.

¹⁰ Tank-vehicles must always be affixed with corresponding placards, unless tanks are drained and purged.

¹¹ Most dangerous Division in the order 1.1 (most dangerous), 1.5, 1.2, 1.3, 1.6, and 1.4 (least dangerous) – Ref.: 5.3.1.1.2, ADR

¹² For Class 1, compatibility groups shall not be indicated on placards if the vehicle or container is carrying substances or articles belonging to two or more compatibility groups.

¹³ Mark is required on containers and tank-vehicles carrying environmentally hazardous substances meeting the criteria of 2.2.9.1.10, ADR. Equivalent marine pollutant mark is required when moving DG defined as marine pollutants in transport chain including sealift. Marine Pollutant marks are still required even packages may be exempt from labeling IAW Note⁴. Review SDS for classification details.

Attachment 13

SPANGDAHLEM AB, DGMP CHECKLIST I/G

Figure A13.1. Spangdahlem AB, DGMP Checklist I/G.

<u>Inbound Hazardous Cargo Check List</u>				
Reference/Movement #:			Date:	
Transportation Control Number (TCN):				
National Stock Number (NSN):				
Transportation Document	C*	I*	N/A	Remarks
UN Number				
Proper Shipping Name				
Technical Name				
Label Number or classification				
Subsidiary label				
Packing Group				
Tunnel Restriction Code				
Above entries in proper sequence				
Number and description of packages				
Total quantity of each dangerous good/s bearing a different UN number in KG or L				
>1000 Points §1.1.3.6				
Transport chain §1.1.4.2.1				
Name and Address of Consignor				
Name and Address of Consignee				
Entries in proper language (D,GB,F)				
Environmentally Hazardous statement				
Limited Quantity entry				
DD Form 626				
Packaging				
Packaging's in good condition				
UN number				
Proper Shipping Name				
Hazardous Label				
Subsidiary Hazardous Label				
Orientation Arrows				
Environmentally Haz Label (<5 Kg or L)				
UN approved packaging (Pop Marking)				
Limited Quantity Label				

*
C = Correct
I = Incorrect

Figure a13.2. Inbound Dangerous Goods.

INBOUND HAZARDOUS MATERIAL *

Inspection Ref. No. _____

I. Location of check..... II. Date..... III. Time.....
 IV. License plate of vehicle..... V. License plate of trailer.....
 VI. Type of vehicle Van (closed) Pick-up truck Tractor/Trailer Other.....
 VII. Driver..... PPN:.....
 VIII. Consignor (address).....
 IX. Consignee (address).....

1. General Requirements		
a. Did the driver possess a valid ADR driver training certificate? ²	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
b. Was the ban on alcohol respected by the driver?	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
2. Vehicle & Unloading Requirements		
a. Vehicle engine turned off during the unloading?	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
b. PPE available on the vehicle in case of an incident? ³	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
c. Fire-extinguisher(s) available on the vehicle in case of an incident? ³	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
d. Prohibition of smoking inside- or in the vicinity of vehicles or containers? ⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
e. Vehicle/Container aren't damaged to an extent which would endanger the unloading? ⁵	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
f. Packages aren't damaged to an extent which would endanger the unloading? ⁵	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
h. Proper load securing affixed (any damages due to improper load securing)? ⁶	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
g. Correct goods are unloaded by comparing the relevant information on the transport document?	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
3. Transport Documents & Packaging		
a. Does documentation meet dangerous goods regulations? ⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(For in-depth inspections see <i>IDGP Checklist I/B</i> for required entries in the transport document)		
b. Does the load (packages, marking & labeling etc.) meet dangerous goods regulations? ⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(For in-depth inspections see <i>IDGP Checklist I/F</i> for required entries in the document)		
c. Did the shipping activity prepare a DD Form 626 for transportation? ⁷	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
4. Measures after Unloading		
a. Were any residues of HM which adhere to the outside of the vehicle or container removed?	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
b. Cleaning and decontamination of the vehicle or container carried out, if required? ⁸	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
c. Were all placards and markings removed after unloading the container (e.g. ISO Container)?	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
Remarks:.....		
.....		

Figure a13.3. Inbound Dangerous Goods Backside.

NOTES:

¹ Inbound checklist to be used by consignees, receivers and un-loaders for the receipt of hazardous material in packages and IBCs (Checklist doesn't apply to portable tanks, tank-vehicles or tank-containers). Depending types of HM frequently received by the unit, checklist may be supplemented as required.

² ADR driver licenses IAW Chap 8.2 of the ADR are required when threshold limits in table 1.1.3.6.3, ADR have been exceeded.

³ "Visual inspection of equipment" is limited to the equipment used during unloading. This includes the components of the equipment in accordance with 8.1.4 and 8.1.5 of ADR which are used in the written instructions are to be used for unloading, if necessary. "Visual inspection" means only the detection of obvious defects.

⁴ Prohibition of smoking. Smoking is prohibited during handling operations in the vicinity of vehicles or containers and Transport inside the vehicles or containers. This prohibition of smoking is also applicable to the use of electronic cigarettes and similar devices.

⁵ Before and during unloading, the unloader must visually inspect whether the packaging's, the tank, the vehicle or container have been damaged to an extent which would endanger the unloading operation. If this is the case, ascertain that unloading is not carried out until appropriate measures have been taken; Visual inspection of the vehicle means that obvious defects should be detectable, without the use of special technical aids and without the need for in-depth vehicle technical knowledge is required (e.g. inspection IAW DD Form 626).

⁶ IAW DTR, Part II, Chapter 210, a TRANSPORTATION DISCREPANCY REPORT (TDR) must be initiated for non-conformance with hazardous materials (HAZMAT) shipping requirements.

⁷ IAW the DTR, Part II, Chap 204, the shipping activity must prepare a DD Form 626 before any vehicles are used for transportation of any placarded amounts of HAZMAT, and any placarded or non-placarded AA&E shipments moving under TPS. All spaces on the DD Form 626, Figure 204-9 (DTR), must be completed for MOV/Government vehicles. The receiving activity must complete the destination portion of the DD Form 626 before a motor vehicle containing a shipment of regulated HAZMAT is accepted for delivery. However, if a vehicle arrives at a receiving point with deficiencies, that vehicle will not be returned to service on the highway and will be unloaded.

⁸ Ensure IAW paragraph 1.4.3.7.1 of ADR/RID/ADN that the prescribed cleaning and decontamination of the vehicles or containers are accomplished.

⁹ When securing loads of so-called soft packaging (e.g. sacks, plastic drums), deformations must be accepted if harmless to packaging in question and do not lead to any leakage of dangerous goods.

Attachment 14

SPANGDAHLEM AB, DGMP CHECKLIST II/A

Figure A14.1. Spangdahlem AB, DGMP Checklist II/A.

ROAD TRANSPORTATION OF DANGEROUS GOODS IAW 1.1.3.1 c), ADR (on/off Base)¹

I. Location of check..... II. Date..... III. Time.....
 IV. License plate of vehicle..... V. Driver.....

1. Driver			
a. Valid driver's license	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
b. Driver briefed on contents/limits of Dangerous Goods (see No. 2)	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
c. Driver briefed on emergency actions to be taken in case of an incident/accident	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
d. Driver informed on no smoking rules ²²	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
2. Carriage (the below limits must not be exceeded in the transport unit)			
a. Maximum 450 liters per package	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
b. Threshold limits specified in 1.1.3.6.3, ADR	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
c. Substances of Class/Division 1.1 – 1.4; 3 kg total NEW ¹⁰ per transport unit	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
d. Articles of Class/Division 1.1 – 1.3; 5 kg gross weight per transport unit	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
e. Class/Division 1.4; 50 kg gross weight per transport unit	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
f. Radioactive material (Class 7) not authorized for movement	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
g. One kg net mass per vehicle must not be exceeded for the following:			
(1) Class 4.1; Solid Desensitized Explosives ²	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
(2) Class 4.1; Self-Reactive Substances (solids & liquids) ⁷	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
(3) Substances related to Self-Reactive Substances; Class 4.1 ⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
(4) Class 4.2; Substances assigned to Packaging Group I & II	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
(5) Class 4.3; Substances assigned to Packaging Group I & II	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
(6) Class 5.1; Substances assigned to Packaging Group I	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
(7) Class 5.2; All Substances	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
3. Packaging			
a. Have measures been taken to prevent leakage of contents ¹¹	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
b. Packing complies with general provisions of section 4.1.1.2, ADR ²	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
c. Packing complies with mixed packing provisions; 4.1.1.6, ADR ⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
d. Packing of Class 2 items comply with section 4.1.6.8, ADR ⁷	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
e. Marking & Labeling of packages IAW ADR & OSHA ⁸	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
4. Vehicle & Equipment			
a. Open or ventilated vehicle used IAW Special Provision CV36 ⁶	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
b. Type of vehicle authorized for the carriage of dangerous goods ¹⁰	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
c. Maximum permissible mass of vehicle not exceeded	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
d. Load is secured to prevent movement during carriage	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
e. Warning Vest ¹⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
f. First Aid Kit	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
g. Warning Triangle	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
h. Warning Light (> 3.5 ton truck) ¹⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
i. Wheel Chock (> 4.0-ton truck) ¹⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A

Remarks:

VI. Inspector:.....

Name (print) Signature Date

[See reverse page for NOTES]

Figure A14.2. Spangdahlem AB, DGMP Checklist II/A Backside.

NOTES:

¹ IAW paragraph 1.1.3.1.c), ADR this checklist only applies to the carriage of Dangerous Goods undertaken by units which is ancillary to their main activity such as deliveries to or returns from building or civil engineering sites. Carriage undertaken for supply or external or internal distribution does not fall within the scope of this exemption.

² Solid desensitized explosives assigned to Class 4.1 (with classification codes 'D' or 'DT')

Definition: Solid desensitized explosives are substances which are wetted with water or alcohols or are diluted with other substances to suppress their explosive properties. Such entries in Table A of Chapter 3.2 are: UN Nos. 1310, 1320, 1321, 1322, 1336, 1337, 1344, 1347, 1348, 1349, 1354, 1355, 1356, 1357, 1517, 1571, 2555, 2556, 2557, 2852, 2907, 3317, 3319, 3344, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3376 and 3380.

³ Self-reactive substances (solids & liquids) assigned to Class 4.1 (Type B – F; Type A is forbidden for transportation). Samples for self-reactive substances are: UN Nos. 3221, 3222, 3223, 3224, 3225 – 3240.

⁴ Such as: UN Nos. 2956, 3241, 3242 and 3251.

⁵ Parts of packaging's, including IBCs and large packaging's, which are in direct contact with dangerous goods:

(a) shall not be affected or significantly weakened by those dangerous goods; and

(b) shall not cause a dangerous effect e.g. catalyzing a reaction or reacting with the dangerous goods.

Where necessary, they shall be provided with a suitable inner coating or treatment

Sample: Period of use for plastic receptacles is 5 years; or 2 years if filled with UN 1790 & UN 2031; Ref:

4.1.1.15, ADR

⁶ Dangerous goods shall not be packed together in the same outer packaging or in large packaging, with dangerous or other goods if they react dangerously with each other. See 4.1.10, ADR for mixed packing special provisions.

⁷ Valves shall be designed and constructed in such a way that they are inherently able to withstand damage without release of the contents or shall be protected from damage which could cause inadvertent release of the contents of the pressure receptacle, by one of the following methods (see also table of standards at the end of this section):

(a) Valves are placed inside the neck of the pressure receptacle and protected by a threaded plug or cap;

(b) Valves are protected by caps. Caps shall possess vent-holes of sufficient cross-sectional area to evacuate the gas if leakage occurs at the valves;

(c) Valves are protected by shrouds or guards;

(d) Pressure receptacles are carried in frames, (e.g. cylinders in bundles); or

(e) Pressure receptacles are carried in protective boxes.

⁸ Whenever possible hazard labels and markings IAW Part 5 of the ADR shall remain visible on packages carrying hazardous material. Single packages (or inner packages removed from the outer packaging) shall at least show pictograms and markings IAW US OSHA or European CLP (EG 1272/2008).

⁹ Dangerous Goods coded 'CV36' in column 18, table A of Chapter 3.2, ADR as well as Class 2 gases should be carried in open or ventilated vehicles with cab separated from loading compartment.

¹⁰ Type of vehicle must be designed and authorized for transport of DG; e.g. closed or sheeted vehicles for the carriage of packages/material sensitive to moisture, proper lashing points for the use tie down tie lashings etc.. POVs not authorized for the carriage of DG.

¹¹ Measures must be taken to prevent leakage of contents during normal conditions of transportation (see 4.1.1.1, ADR). Packages must be clean and not damaged. Residues of filling substances must not adhere to the outside of the packages. Openings must be closed, sealed, and protected against inadvertent discharge.

¹² No smoking authorized during loading, unloading and in vehicles when handling/transporting dangerous goods.

¹³ NEW = Net Explosive Weight

¹⁴ Mandatory for off-base transportation (Ref.: STVZO / STVO)

Attachment 15

SPANGDAHLEM AB, DGMP CHECKLIST II/B

Figure A15.1. Spangdahlem AB, DGMP Checklist II/B.

Beförderung von Gefahrgut über die Strasse i.v.m. 1.1.3.1 c), ADR (on/off Base) *

I. Inspektionsort:..... II. Datum:..... III. Uhrzeit:.....
 IV. Fahrzeugkennzeichen:..... V. Fahrer:

1. Fahrer

a. Gültiger Führerschein JA ¹⁴ NEIN ¹⁴ N/Z ¹⁷

b. Fahrer wurde über das gefährliche Gut und Freigrenzen (gemaess Nr. 2) unterwiesen JA NEIN N/Z

c. Fahrer wurde über die bei einem Unfall oder Notfall zu ergreifenden Notfallmassnahmen unterwiesen JA NEIN N/Z

d. Fahrer wurde über das Rauchverbot informiert ¹² JA NEIN N/Z

2. Beförderung (folgende Mengengrenzen dürfen nicht überschritten werden)

a. Maximal 450 Liter je Verpackung JA NEIN N/Z

b. Festgesetzte Höchstmengen gemäß 1.1.3.6.3, ADR JA NEIN N/Z

c. Stoffe der Unterklasse 1.1 – 1.4; 3 kg total NEM ¹³ je Beförderungseinheit JA NEIN N/Z

d. Artikel der Unterklasse 1.1 – 1.3; 5 kg Bruttomasse je Beförderungseinheit JA NEIN N/Z

e. Unterklasse 1.4; 50 kg Bruttomasse je Beförderungseinheit JA NEIN N/Z

f. Radioaktive Stoffe (Klasse 7); Transport nicht erlaubt JA NEIN N/Z

g. Maximal 1 kg Nettomasse je Beförderungseinheit für die folgende Stoffe und Gegenstände:

(1) Klasse 4.1; Desensibilisierte explosive feste Stoffe ² JA NEIN N/Z

(2) Klasse 4.1; Selbstzersetzliche feste u. flüssige Stoffe ³ JA NEIN N/Z

(3) Mit selbstzersetzlichen Stoffen verwandte Stoffe der Klasse 4.1 ⁴ JA NEIN N/Z

(4) Klasse 4.2; Stoffe der Verpackungsgruppen I & II JA NEIN N/Z

(5) Klasse 4.3; Stoffe der Verpackungsgruppen I & II JA NEIN N/Z

(6) Klasse 5.1; Stoffe der Verpackungsgruppen I JA NEIN N/Z

(7) Klasse 5.2; Alle Substanzen JA NEIN N/Z

3. Verpackungsvorschriften

a. Massnahmen gegen Austreten des Inhalts der Verpackung ¹¹ JA NEIN N/Z

b. Allgemeine Verpackungsvorschriften gemäss 4.1.1.2, ADR ⁵ JA NEIN N/Z

c. Vorschriften für die Zusammenpackung; 4.1.1.6, ADR ⁶ JA NEIN N/Z

d. Allgemeine Verpackungsvorschriften der Klasse 2; 4.1, 6, 8, ADR ⁷ JA NEIN N/Z

e. Bezeichnung and Markierung gemaess ADR & OSHA ⁸ JA NEIN N/Z

4. Fahrzeug & Ausrüstung

a. Offene oder belüftete Fahrzeuge gemäss Sondervorschrift CV36 ⁹ JA NEIN N/Z

b. Fahrzeugtyp für den Transport von Gefahrgut geeignet ¹⁰ JA NEIN N/Z

c. Zulässiges Gesamtgewicht nicht überschritten JA NEIN N/Z

d. Ladung wurde gegen Verrutschen gesichert JA NEIN N/Z

e. Warnweste ¹⁴ JA NEIN N/Z

f. Erste Hilfe Kasten JA NEIN N/Z

g. Warndreieck JA NEIN N/Z

h. Warnleuchte (für Fahrzeuge > 3.5 t zul. Gesamtgewicht) ¹⁴ JA NEIN N/Z

i. Unterlegkeil (für Fahrzeuge > 4.0 t zul. Gesamtgewicht) ¹⁴ JA NEIN N/Z

VI. Inspector:.....

Name (print)	Signature	Date
[Siehe Rückseite für Bemerkungen]		

Figure A15.2. Spangdahlem AB, DGMP Checklist II/B backside.

Bemerkungen:

¹ Gemäss Unterschnitt 1.1.3.1.c), ADR betrifft die Kontrollliste nur Beförderungen von Gefahrgütern, welche von den Einheiten in Verbindung ihrer Haupttätigkeit durchgeführt werden (z.B. Lieferungen zum direkten Verbrauch auf Baustellen – z.B. Farbe im Fahrzeug des Malers). Beförderungen zur internen oder externen Versorgung des Unternehmens fallen nicht unter die Ausnahme.

² Desensibilisierte explosive feste Stoffe der Klasse 4.1 (Klassifizierungscodes 'D' or 'DT')

Definition: Desensibilisierte explosive feste Stoffe sind Stoffe die mit Wasser oder Alkoholen angefeuchtet oder mit anderen Stoffen verdünnt sind, um ihre explosiven Eigenschaften zu unterdrücken. In Kapitel 3.2, Tabelle A sind dies die Eintragungen der UN-Nummern 1310, 1320, 1321, 1322, 1336, 1337, 1344, 1347, 1348, 1349, 1354, 1355, 1356, 1357, 1517, 1571, 2555, 2556, 2557, 2852, 2907, 3317, 3319, 3344, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3376 and 3380.

³ Selbstzersetzliche feste u. flüssige Stoffe der Klasse 4.1 (Type B – F; Type A ist fuer den Transport verboten). Beispiele für selbstzersetzliche feste u. flüssige Stoffe sind UN Nummern 3221, 3222, 3223, 3224, 3225 – 3240.

⁴ z.B. UN Nummern 2956, 3241, 3242 and 3251.

⁵ Die Teile der Verpackungen, die unmittelbar mit gefährlichen Gütern in Berührung kommen:

- a) dürfen durch diese gefährlichen Güter nicht angegriffen oder erheblich geschwächt werden,
- b) dürfen keinen gefährlichen Effekt auslösen, z.B. eine Reaktion mit den gefährlichen Gütern, und sofern erforderlich müssen sie mit einer geeigneten Innenauskleidung oder -behandlung versehen sein.

Bsp: Die zulässige Verwendungsdauer fuer Fässer/Kanister aus Kunststoff betraegt 5 Jahre bzw. 2 Jahre für Stoffe der UN 1790 & UN 2031; Ref.: 4.1.1.15, ADR

⁶ Gefährliche Güter dürfen nicht mit gefährlichen oder anderen Gütern zusammen in dieselbe Außenverpackung oder in Großverpackungen verpackt werden, wenn sie miteinander gefährlich reagieren. Siehe 4.1.10, ADR fuer die Sondervorschriften fuer die Zusammenpackung.

⁷ Die Verschlussventile müssen so ausgelegt und gebaut sein, dass sie von sich aus in der Lage sind, Beschädigungen ohne Freiwerden von Füllgut standzuhalten, oder sie müssen durch eine oder mehrere der folgenden Methoden gegen Beschädigungen, die zu einem unbeabsichtigten Freiwerden von Füllgut des Druckgefäßes führen können, geschützt sein (siehe auch Verzeichnis der Normen am Ende dieses Abschnitts):

- a) die Verschlussventile sind im Innern des Gefäßhalses angebracht und durch einen aufgeschraubten Stopfen oder eine Schutzkappe geschützt;
- b) die Verschlussventile sind durch Schutzkappen geschützt. Die Schutzkappen müssen mit Entlüftungslöchern mit genügendem Querschnitt versehen sein, damit bei einem Undichtwerden der Verschlussventile die Gase entweichen können;
- c) die Verschlussventile sind durch einen Verstärkungsrand oder durch andere Schutzvorrichtungen geschützt;
- d) die Druckgefäße werden in Schutzrahmen befördert (z.B. Flaschen in Bündeln) oder
- e) die Druckgefäße werden in Schutzkisten befördert.

⁸ Wann immer möglich, sollten Gefahrzettel und Kennzeichnungen gemaess Teil 5 des ADR auf Versandstücken sichtbar bleiben. Einzelne Versandstücke (oder Innenverpackungen, die aus der Außenverpackung entnommen wurden) sollten zumindest Piktogramme und Kennzeichnungen nach US OSHA oder Europäischem CLP (EG 1272/2008) aufweisen.

⁹ Gefahrgüter, für welche die Sondervorschrift 'CV36' gilt (Spalte 18, Tabelle A des Kapitels 3.2, ADR), sowie Gase der Klasse 2 sollten in offenen oder belüfteten Fahrzeugen (und von Ladefläche getrennter Fahrzeugkabine) befördert werden.

¹⁰ Der Fahrzeugtyp muss fuer die Beförderung von Gefahrgut geeignet und zugelassen sein; z.B.: Gedeckte oder bedeckte Fahrzeuge fuer die Beförderung von nässe empfindlichen Material/Verpackungen, geeignete Zurrpunkte fuer das Anbringen von Zurrgurten (zur Ladungssicherung) etc.. Private PKWs sind für die Beförderung von Gefahrgütern nicht zugelassen.

¹¹ Es sind Maßnahmen zu treffen, die unter normalen Beförderungsbedingungen ein Freiwerden des Inhalts verhindern Die Verpackungen müssen unbeschädigt, sauber und ohne äussere Anhaftungen sein. Die Verpackungen müssen gemäss den vom Hersteller gelieferten Informationen verschlossen und gegen unbeabsichtigtes Austreten gesichert sein.

¹² Absolutes Rauchverbot gilt während dem Be- und Entladen, sowie beim Transport von Gefahrgütern in Fahrzeugen.

¹³ NEM = Netto Explosivmasse

¹⁴ Erforderlich beim Verlassen des Flugplatzgeländes (Ref.: STVZO bzw. STVO)

^{15/16/17} Fuer alle Antworten gilt: JA = vorschriftenkonform / NEIN = nicht vorschriftenkonform / N/Z = nicht zutreffend

Figure A16.2. Spangdahlem AB, DGMP Checklist III backside.NOTES:

¹ Checklist for Consignors & Loaders of dangerous goods. Checklist applies in case of intended application of 1.1.3.6, ADR, which does not apply to the carriage of tank, tank-containers, tank-vehicles and bulk shipments. Carriage of dangerous goods (DG) in quantities not exceeding 1.1.3.6 ADR is exempt from several major ADR regulations, such as; e.g. ADR provisions concerning orange colored plates, fire-extinguishers (except for one 2 kg ABC F/E), miscellaneous equipment and equipment for personal protection, ADR-certified vehicles, tunnel restrictions, ADR driver training certificate, instructions in writing, provisions concerning carriage in packages and security plans.

² No smoking authorized during loading, unloading and in vehicles when handling or transporting dangerous goods.

³ The calculated sum of all transport categories carried on a vehicle must not exceed '1000 Points'. See 1.1.3.6.4 ADR for proper calculation. Note that substances and articles of transport category 4 shall not be included in calculations IAW 1.1.3.6.4, ADR.

⁴ Emergency response procedures, Pamphlets I/A & I/B (German Version), provide information to drivers on how to proceed in case of an incident or accident Pamphlets are listed in attachments 13 and 14 of RABI23-104. If not available, a copy of the emergency response procedures must be issued to the driver and kept in the vehicle cab.

⁵ Sample of a transport document bearing a calculation IAW 5.4.1.1.f. Note 1 is documented in Atch 24 of SABI 23-104.

⁶ Ref.: Section 5.2.2, ADR

⁷ Valves shall be designed and constructed in such a way that they are inherently able to withstand damage without release of the contents or shall be protected from damage which could cause inadvertent release of the contents of the pressure receptacle, by one of the following methods (see also table of standards at the end of this section):

- (a) Valves are placed inside the neck of the pressure receptacle and protected by a threaded plug or cap;
- (b) Valves are protected by caps. Caps shall possess vent-holes of sufficient cross-sectional area to evacuate the gas if leakage occurs at the valves.
- (c) Valves are protected by shrouds or guards.
- (d) Pressure receptacles are carried in frames, (e.g. cylinders in bundles); or
- (e) Pressure receptacles are carried in protective boxes.

⁸ Ref.: Section 5.2.1, ADR

⁹ Dangerous Goods coded 'CV36' in column 18, table A of Chapter 3.2, ADR as well as Class 2 gases should be carried in open or ventilated vehicles with cab separated from loading compartment.

¹⁰ Type of vehicle must be designed and authorized for transport of DG, e.g. closed or sheeted vehicles for the carriage of packages/material sensitive to moisture, proper lashing points for the use tie down tie lashings etc. POVs are not authorized for the carriage of Dangerous Goods

¹¹ Measures must be taken to prevent leakage of contents during normal conditions of transportation (see 4.1.1.1, ADR).

Packages must be clean and not damaged. Residues of filling substances must not adhere to the outside of the packages.

Openings must be closed, sealed and protected against inadvertent discharge.

¹² Mandatory for off-base transportation if the vehicle exceeds the maximum permissible weight shown in parentheses. (Ref.: STVZO / STVO).

¹³ For off-base transportation portable ABC fire extinguishers must comply with the relevant requirements of EN 3 portable fire extinguishers, Part 7 (EN 3-7:2004 + A1:2007)

Attachment 17

SPANGDAHLEM AB, DGMP PAMPHLET I/A

Figure A17.1. Spangdahlem AB, DGMP Pamphlet I/A.

Behavior in Case of an Accident or Incident*
(For carriage LAW 1.1.3.I.e. and 1.1.3.6 of the ADR)

General measures

- (a) Apply the parking brakes & turn-off the engine
- (b) Activate the hazard warning indicators
- (c) Activate the battery master switch (if available)
- (d) Put on the warning vest

Seeming the Accident, Incident Site

- (a) Place traffic triangle (and, if available, also a warning lamp or portable flashing light) at the roadside at the following distances from the scene of the incident:
 - (a.a.) approx. 50 m / 164 ft (within a town)
 - (a.b.) approx. 100 m / 328 ft (outside a town)
 - (a.c.) between 150 m / 492 ft - 400 m / 1312 ft (on the Autobahn)
- (b) Avoid sources of ignition (e.g. no smoking or e-cigarettes)
- (c) Do not activate any electrical devices
- (d) Do not walk into or touch spilled substances
- (e) Avoid inhalation of fumes, smoke, dusts and vapors by staying up wind
- (f) Advise personnel not involved to stay away from the scene of accident/incident
- (g) If a fire-extinguisher is available, try to tackle small fires at tires, brakes and engine compartment
- (h) Upon arrival, follow instructions of the official rescue team

First Aid Measures

- (a) Provide first aid to injured people
- (b) Use the vehicle first aid kit as appropriate

Call for help

- (a) Via emergency call point or mobile phone - dial 110 and provide the following info:
- (b) What has happened?
- (c) Where did it happen?
- (d) How many injured people?
- (e) What types of injuries?
- (f) If necessary, classes of hazardous material involved in the incident.
- (g) Don't hang up - wait for additional questions!
- (h) Upon arrival provide general awareness to the rescue team, fire-fighters or police
- (i) Provide names of witnesses to the Police and take pictures of the scene
- (j) Contact your shop supervisor and MP for awareness and support, as necessary

Follow-up actions

- (a) Remove any contaminated clothing and dispose it safely
- (b) Contact your Unit DGA and the SPANGDAHLEM IDGA Standby phone #0151 27785625 for assistance establishing the required accident report LAW USAFEI 23-104

Note: Copies of Atch 13 or Atch 14 (German version) must be kept readily available in the vehicle cab!

Attachment 18

SPANGDAHLEM AB, DGMP PAMPHLET I/B

Figure A18.1. Spangdahlem AB, DGMP Pamphlet I/B.

Verhalten bei einem Unfall oder Notfall
(Bei Beförderungen i.v.m. 1.1.3.1.c. und 1.1.3.6 des ADR)

Allgemeine Massnahmen

- (a) Handbremse betätigen & Motor abstellen
- (b) Wamblinkanlage anschalten
- (c) Batterietrennschalter aktivieren (falls vorhanden)
- (d) Wamweste anlegen

Absicherung der Unfall- oder Notfallstelle

- (a) Das Wamdreieck (und, falls vorhanden, auch die Warnlampe oder Warnleuchte) am Strassenrand in folgendem Abstand von der Unfall- oder Notfallstelle positionieren:
 - (a.a.) ca. 50m / 164ft (innerhalb von Ortschaften)
 - (a.b.) ca. 100m / 328ft (ausserhalb von Ortschaften)
 - (a.c.) zwischen 150m / 492ft - 400m / 1312ft (auf der Autobahn)
- (b) Zündquellen vermeiden (z.B. keine Zigaretten oder e-Zigaretten rauchen)
- (c) Keine elektrischen Systeme aktivieren
- (d) Nicht in ausgelaufene Substanzen treten oder berühren
- (e) Das Einatmen von Dunst, Rauch, Staub und Dämpfen durch Aufhalten auf der Wind zugewandten Seite ist zu vermeiden
- (f) Nicht beteiligte Personen auffordern die Unfallstelle zu verlassen
- (g) Falls ein Feuerlöscher vorhanden ist, kleine Entstehungsbrände an Reifen, Bremsen und im Motorraum bekämpfen
- (h) Bei Ankunft der Rettungskräfte deren Anweisungen befolgen

Erste Hilfe Massnahmen

- (a) Verletzten Personen Erste Hilfe leisten
- (b) Gegebenenfalls den Erste Hilfe Kasten im Fahrzeug verwenden
- (c) Rettungskräfte verständigen
- (d) Benutzen eine Notrufsäule oder mobiles Telefon - wähle 110 und melde folgendes:
 - (e) Was ist passiert?
 - (f) Wo ist es passiert?
 - (g) Wieviele Verletzte?
 - (h) Welche Arten von Verletzungen?
 - (i) Falls erforderlich die Gefahrgutgüter welche in dem Vorfall verwickelt sind
 - (j) Nicht auflegen - warte auf Rückfragen!
 - (k) Den eintreffenden Rettungsdienst, Polizei oder Feuerwehr einweisen
 - (l) Nennen Sie der Polizei Namen von Zeugen und machen Sie Fotos vom Unfallort
 - (m) Den Vorgesetzten und die Militärpolizei informieren und ggf. Unterstützung anfordern

Folgemassnahmen

- (a) Kontaminierte Kleidung entfernen und sicher entsorgen
- (b) Kontaktieren sie Ihren Gefahrgutbeauftragten und das Spangdahlem IDG Büro auf dem Bereitschaftstelefon #015127785625 um Hilfe bei der Erstellung des erforderlichen Unfallberichtes gemäß USAFEI 23-104 zu erhalten

Note: Kopien der Anhänge 13 (englische Version) bzw. 14 sind in der Fahrzeugkabine zugänglich aufzubewahren!

Attachment 19

SPANGDAHLEM AB, DGMP BLANK TRANSPORT DOCUMENT

Figure A19.1. Blank Transport Documents (Sample).

Figure A19.2. Multi Modal Dangerous Goods Form.

MULTI MODAL DANGEROUS GOODS FORM				
This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, chapter VII, regulation 4; MARPOL 73/78, Annex III, regulation 4				
1. Consignor:		2. Transport document number:		
STEP 1		STEP 3		
		Page 1 of 1 Pages	4 Shipper's Reference:	
			5 Freight Forwarder's reference	
6. Consignee:				
STEP 2				
		SHIPPER'S DECLARATION		
		I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		
8. This shipment is within the limitations prescribed for: (Delete non-applicable)		9. Additional handling information		
10. Vessel/flight no. and date	11. Port/place of loading	STEP 4		
12. Port/place of discharge	13. Destination			
14. UN#, Proper Shipping Name, Class, PG, Type Package, Pieces, Gross mass (kg), Net Mass (kg)				
<p>STEPS 5, 6, 7, 8, 9</p> <p>STEP 10</p> <p>STEPS 11 = 12 (Block No.(may be used optionally))</p>				
15. Container No.	16. Seal number(s)	17. Container/vehicle size & type	18. Tare mass	19. Total gross mass
CONTAINER/VEHICLE PACKING CERTIFICATE		21. RECEIVING ORGANISATION RECEIPT		
I hereby declare that the goods described above have been packed/ loaded into the container/vehicle identified above in accordance with the applicable provisions.		Received the above number of packages/containers/trailers in apparent good order and condition unless stated hereon: RECEIVING ORGANISATION REMARKS:		
20. Name of company		Drivers Name	Certifying Office:	
Name/Status of declarant		Vehicle reg. no.	Name/status of declarant	
Place and date		Signature and date	Place and date	
Signature of declarant		DRIVER'S SIGNATURE	Signature of declarant	

Figure A19.3. Multi Modal Dangerous Goods Form Notes, Part 1.

Note: References below refer to the ADR regulations.



<p>Step 1. Shipper/Consignor. Enter the name and address of the consignor (Ref.: 5.4.1.1.1 g);</p>
<p>Step 2. The name and address of the consignee(s). With the agreement of the competent authorities of the countries concerned by the carriage, when dangerous goods are carried to be delivered to multiple consignees who cannot be identified at the start of the carriage, the words "Delivery Sale" may be given instead (Ref.: 5.4.1.1.1 h);</p>
<p>Step 3. Transportation Control Number (TCN). If available, enter the 17-character TCN – (not subject to ADR);</p>
<p>Step 4. Enter a declaration as required by the terms of any special agreement (e.g. 'Carriage in accordance with Multilateral Agreement M318 Part 2.') – (Ref.: 5.4.1.1.1 i)</p>
<p>Step 5. The UN number preceded by the letters "UN" (e.g. 'UN 1203') – (Ref.: 5.4.1.1.1 a)</p>
<p>Step 6. Name and Description</p> <ul style="list-style-type: none"> - Proper Shipping Name (PSN). Enter the PSN (e.g. 'METHANOL'). The proper shipping name is that portion of the entry most accurately describing the goods in Table A in Chapter 3.2, which is shown in upper case characters (plus any numbers, Greek letters, "sec", "tert", and the letters "m", "n", "o", "p", which form an integral part of the name. (Ref.: 5.4.1.1.1 b & 3.1.2.1); - Technical Names. The PSN may be supplemented, if applicable (see 3.1.2.1.8.1) with the technical name in brackets (see 3.1.2.8.1.1), as determined in accordance with 3.1.2; - (Ref.: 5.4.1.1.1 b) - Hazardous Waste. For waste containing dangerous goods the PSN must be preceded by the word "WASTE" unless this term is already part of the PSN (e.g. 'WASTE METHANOL') – (Ref.: 5.4.1.1.3.);
<p>Step 7. Label Numbers and classification codes (Ref.: 5.4.1.1.1 c);</p> <ul style="list-style-type: none"> - Class 1: For substances and articles of Class 1 enter the classification code given in Column (3b) of Table A in chapter 3.2 (e.g. '1.2D'). Ammunition with sub-risks may show label model numbers other than 1, 1.4, 1.5 & 1.6 in column (5) of Table A in Chapter 3.2, in these cases these label model numbers must be shown in brackets after the classification code for the primary hazard [e.g. 1.4G (6.1 + 8)];
<p>Step 8. Where assigned, the packing group for the substances which may be preceded by the letter's 'PG' (e.g. "PG II"), or the initials corresponding to the words 'Packing Group' in the languages used according to 5.4.1.4.1;</p>
<p>Step 9. Where assigned, the tunnel restriction code given in Column (15) of Table A of Chapter 3.2, in capitals within parenthesis [e.g. (D/E)]. The tunnel restriction code doesn't need to be added in the transport document where the carriage is known beforehand not to pass through a tunnel with restrictions for carriage of dangerous goods;</p>
<p>Note. The location and order. The information listed in Steps 5 – 9 above must be entered in the same order on the transport document (e.g. 'UN 1098 ALLYL ALCOHOL, 6.1 (3), PG I, (C/D)'). The location and order for the other elements is left optional. Names and descriptions (e.g. PSN0 may be entered in lower or upper cases on the document.</p>
<p>Step 10. The number and a description of the packages, when applicable. UN packaging codes may only be used to supplement the description of the kind of package [e.g. one box (4G)] – (Ref.: 5.4.1.1.1 e);</p>

Figure A19.4. Multi Modal Dangerous Goods Form Notes, Part 2.

<p>Step 11. Additional Information. Verify and add information if required by the following special provisions concerning:</p> <ul style="list-style-type: none"> - Use of salvage packages (Ref.: 5.4.1.1.5); - Empty means of containment, uncleaned (Ref.: 5.4.1.1.6); - Carriage in a transport chain including maritime or air carriage (Ref.: 5.4.1.1.7); - Carriage of IBC's, tanks, battery-vehicles, portable tanks and MEGC's after the date of expiry of the last periodic test inspection (Ref.: 5.4.1.1.11); - Carriage in multi-compartment tank-vehicles or transport units with more than one tank (Ref.: 5.4.1.1.13); - Carriage of substances carried under elevated temperature (Ref.: 5.4.1.1.14); - Carriage of substances stabilized by temperature control (Ref.: 5.4.1.1.15); - Information required in accordance with special provision 640 in chapter 3.3 (Ref.: 5.4.1.1.16); - Carriage of solids in bulk containers conforming to 6.11.4 (Ref.: 5.4.1.1.17); - Carriage of environmentally hazardous substances (Ref.: 5.4.1.1.18); - Carriage of packaging's, discarded, empty, uncleaned (UN 3509) – (Ref.: 5.4.1.1.19); - Carriage of substances classified in accordance with 2.1.2.8 (Ref.: 5.4.1.1.20); - Carriage of UN Nos. 3528, 3529 and 3530 (Ref.: 5.4.1.1.21);
<p>Step 12. Additional or special information required for certain classes. Verify and add information if required by the following special provisions concerning:</p> <ul style="list-style-type: none"> - Class 1 (Ref.: 5.4.1.2.1); - Class 2 (Ref.: 5.4.1.2.2); - Self-reactive substances and polymerizing substances of Class 4.1 and organic peroxides of Class 5.2 (Ref.: 5.4.1.2.3); - Class 6.2 (Ref.: 5.4.1.2.4); - Class 7 (Ref.: 5.4.1.2.5);
<p>Step 13. Name of Company and Signature or Declarant (Name of the unit and DCO signing block 22). A qualified DCO or the unit releasing hazardous material into public traffic (defined as consignor IAW USAFEI 23-104 and Paragraph 13.3.2 of this instruction) is responsible completing and signing the document (see Paragraph 7.1)</p>
<p>Step 14. Remaining Blocks on the Document. Complete or delete (e.g. by adding 'N/A' or '-') other blocks of the multimodal form as applicable (e.g. delete Block 8 – only required for airlift).</p>

Attachment 20

SPANGDAHLEM AB, DGMP TRANSPORT DOCUMENT (SAMPLE)

Figure A20.1. Transport Document for a Tank Vehicle Carrying Diesel Fuel (Sample).

MULTI MODAL DANGEROUS GOODS FORM
This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, chapter VII, regulation 4.
 MARPOL 73/78, Annex III, regulation 4.

1. Consignor: 52 LRS/LGRF BLDG. XXX 54529 SPANGDAHLEM AIR BASE		2. Transport document number : N/A		4. Shipper's Reference:	
		Page 1 of 1 Pages		5. Freight Forwarder's reference	
6. Consignee: SPECIAL HANDLING BLDG. 2102 RAMSTEIN AIR BASE		7. Carrier: Company XYZ			
		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.			
8. This shipment is within the limitations prescribed for: (Delete non-applicable)		9. Additional handling information Sondervorschrift 640K* (engl. Special Provision 640K)* Beförderung gemäß Ausnahme 18 GGAV (engl. Carriage IAW GGAV Waiver 18)			
10. Vessel/flight no. and date	11. Port/place of loading	*NOT REQUIRED FOR TANK VEHICLES CODED "LGBF"			
12. Port/place of discharge	13. Destination				
14. UN#, Proper Shipping Name, Class, PG, Type Package, Pieces, Gross mass (kg), Net Mass (kg) UN 1202 Dielektrikstoff, 3, III, (D/E), Umweltgefährdend 3000 Liter (engl.: UN 1202 Diesel Fuel, 3, III, (D/E), Environmentally Hazardous) 3000 Liter					
15. Container No.	16. Seal number(s)	17. Container/vehicle	18. Tare mass	19. Total gross mass	
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/ loaded into the container/vehicle identified above in accordance with the applicable provisions.		21. RECEIVING ORGANISATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition unless stated hereon: RECEIVING ORGANISATION REMARKS:			
20. Name of company		Drivers Name	Certifying Office:		
		Vehicle reg. no.	52 LRS/LGRF		
Name/Status of declarant		Signature and date	Name/status of declarant SSgt Johnny Sample		
Place and date			Place and date Spangdahlem 25 NOV2020		
Signature of declarant			Signature of declarant -to be signed-		
		DRIVER'S SIGNATURE			

Attachment 21

SPANGDAHLEM AB, DGMP TRANSPORT DOCUMENT FOR AN EMPTY, UNCLEANED TANK VEHICLE (SAMPLE)

Figure A21.1. Transport Document for an Empty, Uncleaned Tank Vehicle (Sample).

MULTI MODAL DANGEROUS GOODS FORM
This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, chapter VII, regulation 4; MARPOL 73/78, Annex III, regulation 4

1. Consignor: 52 LRS/LGRF BLDG. XXX 54529 SPANGDAHLEM AIR BASE		2. Transport document number: FB5621XXXXXXX		
		Page 1 of 1 Pages	4. Shipper's Reference:	
			5. Freight Forwarder's reference	
6. Consignee: BREMERHAFEN, WATERPORT BLDG. XXX 12345 BREMERHAFEN, GERMANY		7. Carrier: Company XYZ		
		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		
8. This shipment is within the limitations prescribed for: (Delete non-applicable)		9. Additional handling information Sondervorschrift 640K* (engl. Special Provision 640K)* *NOT REQUIRED FOR TANK VEHICLES CODED "LGBF"		
10 Vessel/flight no. and date	11 Port/place of loading			
12 Port/place of discharge	13 Destination			
14. UN#, Proper Shipping Name, Class, PG, Type Package, Pieces, Gross mass (kg), Net Mass (kg) Leeress Tankfahrzeug, letztes Ladegut: UN1202 Dieselkraftstoff, 3, III, (D/E) Umweltgefährdend (engl.: Empty Tank Vehicle, Last Load, UN 1202 Diesel Fuel, 3, III, (D/E), Environmentally Hazardous)				
15. Container No.	16. Seal number(s)	17. Container /vehicle size & type	18. Tare mass	19. Total gross mass
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/ loaded into the container/vehicle identified above in accordance with the applicable provisions.		21. RECEIVING ORGANISATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition unless stated hereon: RECEIVING ORGANISATION REMARKS:		
20. Name of company		Drivers Name	Certifying Office:	
Name/Status of declarant		Vehicle reg. no.	Name/status of declarant SSgt Johnny Sample	
Place and date		Signature and date	Place and date Spangdahlem 25 NOV2020	
Signature of declarant		DRIVER'S SIGNATURE	Signature of declarant -to be signed-	

Attachment 22

SPANGDAHLEM AB, DGMP TRANSPORT DOCUMENT AMMUNITION (SAMPLE)

Figure A22.1. Transport Document for a Vehicle Carrying Ammunition (Sample).

MULTI MODAL DANGEROUS GOODS FORM				
<small>This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, chapter VII, regulation 4, MARPOL 73/78, Annex III, regulation 4</small>				
1. Consignor: 52 LRS/LGRDDC BLDG. 218 54529 SPANGDAHLEM AIR BASE		2. Transport document number: FB5621XXXXXX Page 1 of 1 Pages		
		4. Shipper's Reference:		5. Freight Forwarder's reference
6. Consignee: Miesau Army Depot BLDG. XXX 66892 Miesau, Germany		7. Carrier: US ARMY 6966 Battalion		
		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled placarded and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		
8 This shipment is within the limitations prescribed for: (Delete non-applicable)		9. Additional handling information Beförderung Militärische Ausnahmegenehmigung No. 22 (S) Carriage IAW German Military Waiver No. 22 (S) Classification of Fireworks by the competent Authority of Germany with the Fireworks reference Ber.-Nr. R1/0000007901-0328/10		
10. Vessel/flight no. and date	11. Port/place of loading			
12. Port/place of discharge	13. Destination			
14. UN#, Proper Shipping Name, Class, PG, Type Package, Pieces, Gross mass (kg), Net Mass (kg) UN 0034 Bomben, 1.1D, (B1000C)// Unverpackt auf 10 x Paletten/ Gesamt Brutto 8000kg/ Total NEW 2000kg (engl. UN 0034 Bombs, 1.1D, (B1000C)// Unpacked on 10 x Pallets/ Total Gross 8000kg/ Total NEW 2000kg) UN 0334 Feuerwerkskörper, 1.2G, (B1000C)// 10 x Stahlkisten/ Gesamt Brutto 300kg/ Total NEW 30kg (engl.:UN 0334 Fireworks, 1.2G, (B1000C)//10 x Steelboxes/ Total Gross 300kg/ Total NEW 30kg) UN 0019 Munition, Augenreizstoff, 1.3G (6.1=8)// 15 Pappkisten/ Gesamt Brutto 150kg/ Total NEW 15KG (engl. UN 0019 Ammunition, Tear-Producing, 1.3G (6.1+8)// 15 Cartboard Boxes/ Total Gross 150kg/ Total NEW 15kg) Gesamt Nettoexplosiv Masse (NEM):2045kg (engl. Total Net Explosive Weight (NEW) 2045kg)				
15. Container No.	16. Seal number(s)	17. Container/vehicle size & type	18. Tare mass	19. Total gross mass 8450kg
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/ loaded into the container/vehicle identified above in accordance with the applicable provisions.		21. RECEIVING ORGANISATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition unless stated hereon: RECEIVING ORGANISATION REMARKS:		
20. Name of company		Drivers Name	Certifying Office:	
Name/Status of declarant		Vehicle reg. no.	Name/status of declarant . SSgt Johnny Sample	
Place and date		Signature and date	Place and date Spangdahlem 25 NOV2020	
Signature of declarant		DRIVER'S SIGNATURE	Signature of declarant -to be signed-	

Attachment 24

SPANGDAHLEM AB, DGMP TRANSPORT DOCUMENT FOR AN ADR MOVE 1.1.3.6

Figure A24.1. Transport Document for the Carriage of DG under the Threshold Limit of Table 1.1.3.6. and 1.1.4.2.1. (Sample).

Figure A24.2. Multi Modal Dangerous Goods Form.

MULTI MODAL DANGEROUS GOODS FORM				
This form may be used as a dangerous goods declaration as it meets the requirements of SOLAS 74, chapter VII, regulation 4; MARPOL 73/78, Annex III, regulation 4				
1. Consignor: 52 LRS/LGRDDC BLDG. 218 54529 SPANGDAHLEM AIR BASE		2. Transport document number: FB5621XXXXXX Page 1 of 1 Pages		
		4. Shipper's Reference:		5. Freight Forwarder's reference
6. Consignee: 86 LRS/ Cargo Inbound BLDG 2127 66879 Ramstein Air Base		7. Carrier: US ARMY 6966 Battalion		
		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		
8. This shipment is within the limitations prescribed for: (Delete non-applicable)		9. Additional handling information		
10. Vessel/flight no. and date	11. Port/place of loading			
12. Port/place of discharge	13. Destination			
14. UN#, Proper Shipping Name, Class, PG, Type Package, Pieces, Gross mass (kg), Net Mass (kg)				
UN 1263 Farbzubehörstoffe, 3, I, (D/E)// 5 x Fässer/ Gesamt Brutto 12kg (10 Liter) (engl. UN 1263 Paint Related Material, 3, I, (D/E)// 5 x Metal Drums/ Total Gross 12kg (10Liters)				
UN 1263 Farbe, 3, II, ((D/E) // 10 x Fässer/ Gesamt Brutto 60kg (50 Liter) (engl.:UN 1263 Paint, 3, II, (D/E) // 10 x Steel Drums/ Total Gross 60kg (50 Liters)				
UN 1950 Druckgasverpackungen, 2.2 (5.1+8), (D), 1 Kiste/ Gesamt Brutto 6kg (Nettomasse 5kg) (engl. UN 1950 Aerosols, 2.2 (5.1+8), (D), ! Fiberboard Box/ Total Gross 6KG Net Mass 5kg)				
Berechneter Wert der Gefährlichen Güter (engl. Calculated Value of DG) Beförderungskategorie (Transport Category) 1: 10 Liter x 55 = 550 Punkte (Points) Beförderungskategorie (Transport Category) 2: 50 Liter x 3 = 150 Punkte (Points) Total = 700 Punkte (Points)				
15. Container No	16. Seal number(s)	17. Container /vehicle size & type	18. Tare mass	19. Total gross mass 78 kg
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/ loaded into the container/vehicle identified above in accordance with the applicable provisions.		21. RECEIVING ORGANISATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition unless stated hereon: RECEIVING ORGANISATION REMARKS:		
20. Name of company		Drivers Name	Certifying Office:	
Name/Status of declarant		Vehicle reg. no.	Name/status of declarant . SSgt Johnny Sample	
Place and date		Signature and date	Place and date Spangdahlem 25 AUG 2021	
Signature of declarant		DRIVER'S SIGNATURE	Signature of declarant -to be signed-	

Attachment 25

SPANGDAHLEM AB, DGMP USAFE-AFAFRICA FORM 60

Figure A25.1. USAFE-AFAFRICA Form 60 Annual DGA Report (Sample).

IDGA - Installation Dangerous Goods Advisor; DGA - Dangerous Goods Advisor; ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road; CDGA - Command Dangerous Goods Advisor; UDGA - Unit Dangerous Goods Advisor; RID - European Regulation Concerning the International Carriage of Dangerous Goods by Rail; ADN - European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways; IATA - International Air Transport Association; DGR - Dangerous Goods Regulation; IMDG-CODE - International Maritime Dangerous Goods - Code.



7. IDGA ACTIVITIES					
a. NUMBER OF DGA MONITORING REPORTS			8		
b. NUMBER OF DEFICIENCIES REPORTED AND CORRECTED			2		
TYPE OF CLASSES CONDUCTED	NUMBER OF CLASSES CONDUCTED	NUMBER OF CERTIFICATES ISSUED	TYPE OF CLASSES CONDUCTED	NUMBER OF CLASSES CONDUCTED	NUMBER OF CERTIFICATES ISSUED
c. ADR DRIVER TRAINING CLASSES			f. MILAIR / COMAIR CLASSES		
d. UDGA / IDGA TRAINING CLASSES			g. IMDG CLASSES		
e. ADR / RID CERTIFIER CLASSES			h. ADN / ADN CLASSES		
8. TRAINING FORECAST FOR CALENDAR YEAR:					
	TYPE OF TRAINING	INITIAL	REFRESHER		
a.	ADR DRIVER TRAINING SLOTS SEGREGATED BY CATEGORY	BASIC	7		
		TANK	7		
		AMMUNITION	4		
b.	ANNUAL CDGA WORKSHOP SLOTS	2			
c.	IDGA /UDGA TRAINING SLOTS	1			
d.	ADR / RID / ADN CERTIFICATION TRAINING SLOTS	12			
e.	IATA-DGR / AFMAN 24-204, <i>Preparing Hazardous Materials for Military Air Shipments</i> TRAINING SLOTS	7			
f.	IMDG CODE CERTIFICATION TRAINING SLOTS				
g.	INLAND WATER				
		DRIVERS		CERTIFIERS	
h.	CLASS 7 TRAINING REQUIREMENTS				
9. REMARKS					
CERTIFIED BY IDGA					
10. NAME AND RANK OF IDGA (Last, First, Middle Initial)			11. DATE (YYYYMMDD)	12. SIGNATURE	
Jonny Sample			20201104	 CLICK HERE TO SIGN	
REVIEWED BY INSTALLATION COMMANDER					
13. NAME, RANK AND TITLE OF COMMANDER (Last, First, Middle Initial)			14. DATE (YYYYMMDD)	15. SIGNATURE	
				 CLICK HERE TO SIGN	

Figure A25.2. USAFE-AFAFRICA Form 60 Annual DGA Report Step by Step Instructions.

Note: References below and answers thereto refer to sample shown in A25.1.

Block 1. Report Period. The data to be included in the report focuses on the operations carried out in a fiscal year (1 Oct - 30 Sept). Enter the fiscal year for which this report applies.
Block 2. From: Enter office symbol and address of the unit;
Block 3. To: Enter the office symbol for the installation DGA (e.g. 52 MSG/CCD) and mark the applicable box;
Block 4. Type and Gross Mass of DG moved in Metric Tons. Based on the Hazardous class (Column a.) and weight of hazmat received and shipped by the unit throughout the fiscal year (FY), enter the total gross mass of each hazmat class into the appropriate columns, (b), (c), (d) or (e). The data must be shown in metric tons (1 metric ton = 1000 kg / 1000 lbs = 453.60 kg) up to the 2 nd digit after the dot. (E.g. If the Unit moved non-flammable gases in cylinders weighing 6000 lbs total (within the entire FY), the appropriate entry would be 2.72 (metric tons) in column b. for hazardous class 2.2). Please note that internal deliveries of HM on-base are not subject to this report (e.g. HM issued to craftsman working on-base only);
Block 5. Reportable Incidents/Accidents. Self-Explanatory;
Block 6. Additional Comments Concerning DG Safety. Self-Explanatory;
Block 7. IDGA Activities. N/A;
Block 8. Training Forecast for Calendar Year: Add number (training slots) and type of training required and requested by the unit for the next fiscal year. Training of ADR drivers (block 8.a.), UDGAs (block 8.c.) and DCOs (blocks 8.d. and f.) may be provided by the IDGA office upon request.
Block 9. Remarks. Self-Explanatory;
Block 10. Name and Rank of IDGA. N/A;
Block 11. Date. N/A;
Block 12. Signature. N/A;
Block 13. Name, Rank and Title of Commander. N/A;
Block 14. Date. N/A;
Block 15. Signature. N/A;

Attachment 26

SPANGDAHLEM AB, DGMP USAFE-AFAFRICA FORM 66

Figure A26.1. USAFE-AFAFRICA Form 66 UDGA Appointment Order (Sample).

DANGEROUS GOODS ADVISOR (DGA) APPOINTMENT ORDER		1. SPECIAL ORDER NUMBER N/A		
<i>Ref. USAFEI 23-104, Command Dangerous Goods Safety Program</i>				
2. NAME OF APPOINTEE (Last, First, Middle Initial) Jonny Sample		3. RANK MSGt		
4. OFFICE SYMBOL / UNIT ADDRESS 52 LRS Spangdahlem Air Base, Germany		5. DUTY PHONE 452-45**		
6. IS APPOINTED AS <input type="checkbox"/> COMMAND DANGEROUS GOODS ADVISOR (CDGA) (MAJCOM USE ONLY) <input type="checkbox"/> INSTALLATION DANGEROUS GOODS ADVISOR (IDGA) <input checked="" type="checkbox"/> UNIT DANGEROUS GOODS ADVISOR (UDGA)				
7. TRAINING SOURCE, CERTIFICATE AND EXPIRATION DATE CERTIFYING DGA EXPERTISE				
	MODE	SOURCE	CERTIFICATE NUMBER	EXPIRATION DATE
a.	ROAD/RAIL	IDGA Dangerous Goods Course No. 2020-11/11A	IDGA 20201111	20251110
b.	AIR			
c.	SEA			
d.	INLAND WATER			
8. AREAS MONITORED <input checked="" type="checkbox"/> ROAD <input checked="" type="checkbox"/> RAIL <input type="checkbox"/> AIR <input type="checkbox"/> SEA <input type="checkbox"/> INLAND WATER <input type="checkbox"/> OTHER (Specify) _____				
9. EXPIRATION DATE OF ORDER (Enter any date before the expiration date of the certificate) (YYYYMMDD) _____				
10. REMARKS (Specify restrictions, i.e. only for specific equipment / material, hazard class, processes, or organizational elements. Continue on reverse if more space is needed.) Appointed as primary Unit Dangerous Goods Advisor for 52 LRS all Sections				
APPROVING AUTHORITY				
<small>NOTE: CDGA appointment is delegated to the USAFE A4/7. IDGA appointment is delegated to the Ranking Officer at Wing Level (Installation Commander). UDGA appointment is delegated to Group or Squadron Commanders. Ref. USAFEI 23-104</small>				
11. NAME (Last, First, Middle Initial), RANK AND TITLE OF COMMANDER Excuse, Terry, Lt Col, USAF		12. DATE (YYYYMMDD) 20201112	13. SIGNATURE CLICK HERE TO SIGN	
ACCEPTANCE				
14. I accept the duties as <input type="checkbox"/> CDGA (MAJCOM USE ONLY) <input type="checkbox"/> IDGA <input checked="" type="checkbox"/> UDGA				
15. NAME (Last, First, Middle Initial) AND RANK OF APPOINTEE Jonny Sample, MSGt		16. DATE (YYYYMMDD) 20201112	17. SIGNATURE CLICK HERE TO SIGN	

Figure A26.2. USAFE-AFACRICA Form 66 UDGA Appointment Order Step by Step Instruction.

<p>Note: References below and answers thereto refer to sample A26.1.</p>
<p>Block 1. Special Order Number. May be used for unit internal control numbers. Mark N/A if not used;</p>
<p>Block 2. Name of Appointee. Self-Explanatory;</p>
<p>Block 3. Rank: Self-Explanatory;</p>
<p>Block 4. Office Symbol/Unit Address. Self-Explanatory;</p>
<p>Block 5. Duty Phone. Self-Explanatory;</p>
<p>Block 6. Appointment. Select (X-mark) "Unit Dangerous Goods Advisor (UDGA);</p>
<p>Block 7. Training Source, Certificate and Expiration Date Certifying DGA Expertise. Copy information from individual training certificates and fill out blanks as shown in the sample. Ensure expiration dates are tracked on separate training lists (required by USAFEI 23-104) and that personnel is sent to refresher training as required;</p>
<p>Block 8. Expiration Date of Order. Based on training certificate(s) select (X-mark) the appropriate boxes indicating the monitoring areas the UDGA will be appointed for' (e.g. Road/Rail)</p>
<p>Block 9. Expiration Date of Order. If required enter a date before the expiration date of the certificates shown in block 8 above (e.g. PCS date);</p>
<p>Block 10. Remarks. Specify whether individual will be appointed as primary or alternate UDGA. Describe AOR of the UDGA (e.g. Group, SQ, Flight level) and classes of HM for which the UDGA is responsible for, based on information outlined on training certificates (e.g. IAW USAFEI 23-104, Para 5.1 Appointment and Training, individual will be appointed as Primary Unit Dangerous Goods Advisor (UDGA) for the entire Squadron responsible for modes Road/Rail (ADR/RID), including all hazmat classes 1-9 except Class 7);</p>
<p>Block 11. Name, Rank and Title of Commander. Self-Explanatory;</p>
<p>Block 12. Date. Self-Explanatory;</p>
<p>Block 13. Signature. Signature of the approval authority (Group or Squadron Commanders). Commanders will sign Block 13 prior to appointee (UDGA) signs Block 17.</p>
<p>Block 14. Acceptance. Select (X-mark) "UDGA".</p>
<p>Block 15. Name and Rank of Appointee. Self-Explanatory;</p>
<p>Block 16 Date. Self-Explanatory;</p>
<p>Block 17. Signature. By signing Block 17 the appointee accepts UDGA duties, described in USAFEI 23-104 and SABI 23-104.</p>

Attachment 27

SPANGDAHLEM AB, DGMP USAFE-AFAFRICA FORM 67

Figure A27.1. USAFE-AFARFICA Form 67 DCO Appointment Order (Sample).

Figure A27.2. USAFE-AFAPRICA Form 67 DCO Appointment Order Step by Step Instruction.

Note: References below and answers thereto refer to sample A27.1.

Block 1. Appointment Order is valid for. Based on training certificate(s) select (X-mark) the appropriate boxes indicating the modes of transportation(s) the individual will be appointed for (e.g. Road/Rail/Sea);
Block 2. Special Order Number. May be used for unit internal control numbers. Mark N/A if not used;
Block 3. Name of Appointee: Self-Explanatory;
Block 4. Rank. Self-Explanatory;
Block 5. Offices Symbol/Unit Address. Self-Explanatory;
Block 6. Duty Phone. Self-Explanatory;
Block 7. Appointment. Box must be X-marked for all types of appointments orders;
Block 8. Training Source, Certificate and Expiration Date Certifying Expertise of Appointee. Copy information from individual training certificates and fill our blanks as shown is sample. Ensure expiration dates are tracked on separate training lists (required by USAFEI 23-104), and that personnel is sent to refresher training as required;
Block 9. Expiration Date of Order. If required enter a date before the expiration date of the certificates shown in block 8 above (e.g. PCS date);
Block 10. Remarks. Specify the AOR of the DCO (e.g. Group, SQ, Flight level) and classes of HM for which the DCO is responsible for; based on information outlined on training certificates (e.g. IAW USAFEI 23-104, Para 5.1.1 Appointment and Training, individual will be appointed as Dangerous Goods Certifying Official (DCO) for the entire Squadron responsible for modes Road/Rail (ADR/RID) and Sea (IMDG-Code), including all hazmat classes 1-9 except Class 7). Add additional remarks as required;
Block 11. Name, Rank and Title of Commander. Self-Explanatory;
Block 12. Date. Self-Explanatory;
Block 13. Signature. Signature of the approval authority (Group or Squadron Commanders). Commanders will sign Block 13 prior to appointee (DCO) signing Block 17.
Block 14. Statement of Acceptance. Self-Explanatory;
Block 15. Name and Rank of Appointee. Self-Explanatory;
Block 16 Date. Self-Explanatory;
Block 17. Signature. By signing Block 17 the appointee accepts DCO duties, described in USAFEI 23-104 and SABI 23-104.

Attachment 28

SPANGDAHLEM AB, DGMP GERMAN MILITARY WAIVERS

Figure A28.1. German Military Waivers.

List of general exemptions granted by German Competent Authorities (CAA) which may be used by US Forces within the borders of Germany without additional request or approval. The application of exemptions must be documented on the DG transport document [e.g., Carriage IAW Waiver No. 01 (S, E, Air)]
Waiver No. 01 (S,E,L)
“Carriage” of dangerous goods (DG) via road, rail and in military aircraft belonging to the US military forces (Bundeswehr) and other armed forces stationed in Germany (see AFMAN 24-604 for the carriage of DG in US military aircraft).
In deviation from the provision of the GGVSEB and ADR/RID as well as the German Air Transport Act (LuftVG) and the IATA-DGR, the carriage of DG covered by the term “Carriage” may be executed under following conditions:
For the purpose of this waiver, “carriage” means the transport of dangerous goods that belong
a. to combat loads or functions/training related equipment of soldiers inaccessible to others, or;
b. to combat loads, air and water vehicles or of vehicles equipped with weapons to be transported by combat, land, air and water vehicles in designated kits, mountings, magazines and launchers, or;
c. to standard, function-related equipment of functional containers or to battlefield equipment of vehicles, aircraft and ships (IAW official standard loading plans etc.), which are not mentioned under letter b. above, or;
d. to equipment of machines and devices (ready for use) transported by military vehicles and aircrafts, or by contracted civilian companies, acting on behalf and under the responsibility of the military.
Under the same conditions, the transport of ammunition equipped vehicles may be carried out on the heavy-duty transporters (e.g., low-bed trailers)
The provision laid down in the waiver also apply to the transport of DG in wheeled and tracked vehicles transported on wagons of the German Railway (Deutsche Bahn AG) or other railway companies (piggyback transport IAW RID 1.1.4.4)
The necessity for “carriage” in accordance with No a. and b. must be justified and directed in military regulations, operation instructions or training manuals, or based on orders or instructions at least at installation level.
Before applying this waiver, all persons involved in the carriage of dangerous goods must evaluate the risk between the requirements to perform the mission and the risks caused by the use of the derogation.

Additional requirements for “carrying” Dangerous Goods over the road or by railway:
a. Vehicle crew must be trained in the handling of dangerous goods carried and know their potential risk. Purpose of the safety training is to ensure that personnel are aware of safe handling and emergency response procedures.
b. When carrying ammunition IAW letter b. above, passage of tunnels other than category A is forbidden (see ADR Chapter 8.6).
c. Lithium batteries (un 3091 and UN 3481) contained in equipment or packed with equipment shall not be removed except for replacement. Unloading devices must not be activated.
d. The transport order or equivalent document must also contain the Note : “Mitfuehren gemaess AG Nr. 01 (S,E, Luft)” (Carriage IAW Waiver No. 01 (S, E, Air)).
Waiver No. 02 (S)
Routing permit for the transport of dangerous goods
Notwithstanding §§ 35, 35a and 35b GGVSEB, only the provision of §§35a and 35b GGVSEB apply to the transport of dangerous goods. For § 35b GGVSEB only the regulations of § 35a are applicable.
Waiver No. 03 (S, E)
Waivers describe in attachment 28 of this instruction need to be carried along during transport.
In deviation from §§ 19(2) No. 5(b) and 28(10)€ of the GGVSEB neither the German Central Regulation listing the waivers (‘Zentralvorschrift fuer Allgemeine Gefahrgutausnahmen und Erlaubnisse der Bundeswehr’) nor copies of the General Dangerous Goods exemptions themselves need to be taken along during national transport operations.
Waiver No. 06 (S,E)
Loading and unloading of dangerous goods
In deviation from section 8.3.6 and 7.5.7.1 of ADR, the engine need not to be turned off during loading or unloading and the load need not to be secured if the vehicle is moved for loading or unloading within framework or defined trans-shipment procedures.
By derogation from section 8.5 S1 (4) of ADR, no permission or notification is required from competent authorities, when loading and unloading operations are carried out as part of declared exercises of Class 1 (ammunition/explosives) in a place accessible to the public.
No additional information is required in the accompanying documents.
Waiver No. 11 (S)

Special provisions for technical inspection drives of dangerous goods vehicles as well as briefing (awareness training) and test drives.
In deviation from section 8.2.1.1 of the ADR, no certificates IAW 8.2.1.1 ADR is required for drivers conduction a technical inspection drives with dangerous goods vehicles, provided the driver is accompanied by a co-driver that is in possession of the above mentioned certificate. This co-driver is responsible for compliance with the dangerous goods regulation within the meaning of Section 28 and 29(1) to (4) GGVSEB. This also applies to instruction and test drives which are carried out in training facilities for Dangerous Goods drivers.
The transport document must be annotated with the statement: “ <u>Special permit (AG) No. BW 11 (S)</u> ”.
Waiver No. 16 (S,E)
In deviation from 2.2.9.1.8 of the ADR/RID, self-inflating life-saving appliances, UN 2990, special provision (SV) 296 in accordance with 3.3 of ADR/RID, may be carried without rigid outer packaging und following conditions:
- Outer casings of life rafts and standard life rafts, shall be intact. You do not constitute outer packaging as defined in Part 4 of ADR/RID;
- A maximum of 25 lifejackets shall be carried in closed box pallets;
Life rafts in carrier bags shall be carried in fiberboard boxes in accordance with 4.1.1.1 ADR/RID in conjunction with 1.2.1 ADR/RID;
- Life rafts and standard life-rafts shall only be packed in covered transport unites in a layer, i.e., not stacked. The provision of 7.1 and 7.2 of ADR/RID must be observed;
- Inflating devices including compressed gas cylinders and other objects, such as pyrotechnic objects and batteries, are stored in the outer enclosure of the life rafts and standard life-rafts shall be packed in such manner that any release of the substances during carriage I excluded; the provision of 2.2.9.1.8 of ADR/RID shall be observed. Lithium batteries shall in addition be packed and secured in such a manner that there is risk of short circuit is avoided;
- In addition to regular load securing, life rafts and standard life rafts must be additionally secured with wooden wedges, square lumber or similar devices in such a way that rolling, slipping and mutual contact of the outer sheaths is excluded;
- Individual lashing (transport belt/tensioning straps) are not required;
- The transport document shall contain an additional Note : “ <u>Special permit AG No. BW 16 (S,E)</u> ”.
Waiver No. 17 (S,E)
Labeling of articles/packages with danger labels having a reduced size.
In deviation of 5.2.2.1.1 of the ADR/RID, articles/packages containing dangerous goods of classes 2-9 may be labeled with danger labels with having a side length of a least 30 mm, instead of the danger labels, with side length of 100 mm.

This also applies if the article or packaging to be marked would be sufficiently large but would take up the space required for military markings, or if the design of the article or packaging would cause damage to the 100 x 100 mm label.
Waiver No. 21 (S,E)
Transport of dangerous goods of class 1 in (old) palletized / suitable handling equipment.
By derogation from 5.2.1.1, 5.2.1.2 and 5.2.1.5 of ADR/RID, package containing goods of Class 1 packed in accordance with the provisions in force up to 31 December 1996 may, subject to the conditions set out below, bear the markings (identification number [UN number] and name) and the danger labels can be waived. This also applies to large robust objects containing explosives which may be transported without packaging, provided that they were introduced into the German Military Forces (analog US Forces) before 31 December 1996 were. The following conditions must be observed:
- The packages must be firmly grouped together into load units (e.g., pallets, sleds, crates, handling equipment);
- Each loading unit shall be marked on one side with the prescribed danger label(s), the identification number (UN number) and the designation.
By derogation from 5.2.2.1.1 of ADR/RID , instead of danger labels with a side length of 100 mm, danger labels with a side length of up to 50 mm for objects and packaging may be used if the title block remains legible.
The transport document shall contain an additional Note: “Special permit AG No. BW 21 (S,E)” .
Waiver No. 22 (S)
Limitation of the maximum permissible net masses of explosives per transport unit.
In deviation from 7.5.5.2.1 of the ADR, for the carriage of <u>articles</u> with explosives (ammunition) of Class 1, subdivision (hazard classes) 1.1 to 1.3, the maximum permissible net explosives mass (NEM) in transport units EX/II must not exceed 7500 kg (NEM).
Other specifications
For the carriage of explosive <u>substances</u> (e.g., UN 0027 black powder), the NEM quantities specified in paragraph 7.5.5.2.1 apply.
Waiver No. 23 (S, E)
Packing of Class 1 articles together with non-hazardous goods (accessories)

In deviation from ADR Section 4.1.10.4 special provision (SV) MP1, MP2, MP20 to MP23, Class 1 articles may be packed together with associated substances and articles (accessories) that are not subject to the ADR, provided that mixed packing is documented and required by Technical Orders or equivalent instructions.

Attachment 29

**SPANGDAHLEM AB, DGMP NOMINATION SHEET TO ENROLL FOR DG
TRAINING**

Table A29.1. Nomination Sheet to Enroll for DG Training.

ADR Training:
Bldg. 151, Room 207

POC: WDGGA
DSN: 452-6782/4545

	Rank	Last Name	First Name	Unit	Deros	Email	Supervisor Name
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Attachment 30

SPANGDAHLEM AB, DGMP MICT COMPLIANCE CHECKLIST FOR DGA'S

Table A30.1. MICT Compliance Checklists for CDGA's.

Item No	Description	Reference	Paragraph
1.1	Are names and contact information of the IDGA and Unit DGA posted on the safety board?	SABI 23-104	13.4.12.23
1.2	Do Unit Operating Instructions include obligations and elements described in Chapter 13, Attachment 35?	SABI 23-104	13.4.12.25
1.3	Does the UDGA conduct and document random checks to ensure DCOs are in compliance with Paragraph 13.4.13	SABI 23-104	13.4.12.21
1.4	Does the UDGA contact the IDGA for required awareness briefing of the Unit Commander NLT 90 days after change of command?	SABI 23-104	13.4.12.24
1.5	Did the UDGA ensure that a security plan for the handling of high consequence dangerous goods is in place?	SABI 23-104	13.4.12.15
1.6	Does the UDGA share & file information provided via IDGA Advisory notes with personnel that need to know?	SABI 23-104	13.4.12.22
1.7	Are ADR vehicles assigned to the unit equipped with the required miscellaneous equipment and fire-extinguishers?	SABI 23-104	13.4.12.16
1.8	Are Certificate of Approvals for Vehicles carrying certain types of Dangerous Goods on file, and are vehicle/tank inspection dates tracked by the UDGA (only for vehicles that are assigned to the unit)?	SABI 23-104	13.4.12.20
1.9	Are appointment orders of DCOs and UDGAs turned over to the IDGA NLT 30 days after completion of training?	SABI 23-104	13.4.12.13
1.10	Does the Unit DGA binder (or Share Point file) contain elements described in Attachment 34?	SABI 23-104	13.4.12.19

Table A30.2. MICT Compliance Checklists for IDGA's.

Item No	Description	Reference	Paragraph
2.1	Did the Wing/Installation Commander ensure an Installation Dangerous Goods Management Program (IDGMP) compliant to USAFE-AFAFRICAI 23-104 was implemented?	SABI 23-104	1.1, 1.2.3
2.2	Did the Wing/Installation Commander appoint a qualified primary and alternate Installation Dangerous Goods Advisor (IDGA) in writing on USAFE-AFAFRICA Form 66?	SABI 23-104	1.2.3.1, 13.4.11.3
2.3	Is the USAFE-AFAFRICA Form 60, Command Installation Dangerous Goods Advisor Annual Report on file and is the report submitted to the Command Dangerous Goods Advisor (CDGA) by 15 January each year?	SABI 23-104	Attachment 25
2.4	Is documentation on file to proof personnel are properly trained and appointed as UDGAs and DCOs?	SABI 23-104	6.2.7, 6.2.8, 6.5, 6.6
2.5	Did the IDGA conduct and document unit inspections reviewing compliance with the CDGMP and HAZMAT movement regulations?	SABI 23-104	1.2, Form 63
2.6	Are emergency response procedures included into the IDGMP and/or installation response plans?	USAFE-AFAFRICAI 23-104	5.1.8
2.7	Does the IDGA maintain a current list of vehicles/tanks certified for the movement of DG/HW, AT, EX/II, EX/III of FL by registration number and type?	USAFE-AFAFRICAI 23-104	2.4.11.1.4
2.8	Are records on file showing names, unit, training dates, <u>sources</u> and expiration dates of trained and appointed personnel?	SABI 23-104	13.4, 12.8 Attachment 40
2.9	Is the IDGA library and training material current?	SABI 23-104	2.4.11.2
2.10	Did the IDGA develop and implement checklists <u>similar to</u> sample shown in Attachment 3-18 for supporting compliance with the CDGMP and to avoid sanctions implemented by European Nations?	SABI 23-104	9.2

Table A30.3. MICT Compliance Checklists for UDGA's.

Item No	Description	Reference	Paragraph	Sub-Category
3.1	Did the Commander appoint at least on primary and one alternate Unit DGA (UDGA), using USAFE-AFAFRICA Form 66?	SABI 23-104	6.7	Unit CC
3.2	Did the Commander acting as consignor appoint at least one primary and one alternate Dangerous Goods Certifying Official (DCO) to certify HAZMAT consignments?	SABI 23-104	6.7	Unit CC
3.3	Did the UDGA ensure signed copies of appointment orders for UDGAs and DCOs are submitted to the IDGA office NLT 30 days after training completion?	SABI 23-104	13.4.12.13	UDGA
3.4	Did the UDGA contact the IDGA for the required Commanders awareness training IAW Paragraph 6.2.2?	SABI 23-104	6.2.2	UDGA
3.5	Did the UDGA identify unit training requirements based on HAZMAT inventory and mode specific regulations and assists the unit commander in identifying the minimum amount of personnel requiring qualification as UDGA, DCO, Technical Expert, or ADR driver?	SABI 23-104	13.3	UDGA
3.6	Did the UDGA develop procedures and unit instructions concerning the safe movement of HAZMAT in line with CDGMP, IDGMP and applicable DoD and Host Nation HAZMAT rules?	SABI 23-104	6.2	UDGA
3.7	Did the UDGA ensure compliance checklists similar to sample shown in Attachment 3-18 of SABI 23-104 tailored to the functions and movement modes executed by the unit are generated and used by personnel involved in handling movement of HAZMAT?	SABI 23-104	9.2	UDGA
3.8	Did the UDGA maintain a master list of trained and appointed personnel assigned to the unit and submit data to the IDGA as changes occur?	SABI 23-104	6.6	UDGA
3.9	Did the UDGA keep track on expiration dates outlined on HAZMAT training certificates and ensure personnel attend refresher training prior to expiration?	SABI 23-104	6.6	UDGA
3.10	Are procedures in place to capture and submit the required data for the annual report (USAFE-AFAFRICA Form 60) to the IDGA frequently, but not later than 15 December each year for the period 1 October through 30 September?	SABI 23-104	13.4.10.9, 13.4.12.14, Attachment 25	UDGA

Attachment 31

SPANGDAHLEM AB, DGMP TRAINING ASPECTS

Figure A31.1. Training Aspects Concerning the Transport of DG by Road.

Indicative table describing sections of the ADR and other related regulations that may be appropriate to be considered in unit infernal training and Unit OI's concerning the transport of dangerous goods by road ⁵

ADR, Ref.: (Parts/Para)	Obligations & Training Requirements IAW Chap 13 of this instruction and corresponding Parts/Chapters of the ADR ^{1,2}	UDGA (Para 13.3.10)	DCO (13.3.11)	Shipper (13.3.1)	Consignor (13.3.2) ⁶	Packer (13.3.3) ⁶	Loader (13.3.4) ⁶	Filler (13.3.5) ⁶	Carrier (13.4.6) ⁶	Driver w/ ADR Cert. (13.3.7) ⁶	Driver w/o ADR Cert. (13.3.7)	Unloader (13.3.8) ⁶	Consignee (13.3.9) ⁶	Craftsman (13.3.12)
1	General Provision	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Classification	X	X	X	X									
3.1	General	X	X											
3.2	DG List	X	X		X									
3.3	Special Provision	X	X											
3.4	Limited Quantities	X	X	X	X	X	X		X	X		X		
3.5	Excepted Quantities	X	X	X	X	X	X							
4.1	Packaging & IBCs	X	X		X	X	X							
4.2	Portable Tanks	X	X				X	X	X	X				
4.3	Tank-Vehicles	X	X				X	X	X	X				
5.1	General Provision	X	X		X	X	X							
5.2	Marking & Labeling	X	X			X	X							
5.3	Placarding & Marking of CTUs	X	X			X	X	X	X	X		X		
5.4	Documentation	X	X	X	X		X	X	X	X				
5.5	Special Provision (consignment)	X	X	X	X		X		X	X	X	X		X
6	Construction/Testing of Packages	X	X					X	X					
7.1	Temperature Control	X	X				X							
7.2	Carriage in Packages	X	X				X		X	X	X	X	X	X
7.3	Carriage in Bulk	X	X					X	X					
7.4	Carriage in Tanks	X	X				X	X	X					
7.5	Loading, Unloading & Handling	X	X				X	X	X	X	X	X	X	X
8.1	Equipment (PPE & F/E)	X	X						X	X	X			
8.2	ADR Driver Training	X	X						X	X				
8.3	Vehicle Crew – Misc. Duties	X	X					X		X	X			
8.4	Supervision of Vehicles	X	X						X					
8.5	Additional Requirements ³	X	X				X	S1/S2	X	X	S1	S1/S2	S1	
8.6	Tunnel Restrictions	X	X							X				
9	Construction of ADR Vehicles	X	X						X					
§3	HM is authorized for Transport ⁴	X	X	X	X		X	X						
§5	Waivers IAW GGVSEB ⁴	X	X		X				X					
§35	Routing Permit IAW GGVSEB ⁴	X	X	X	X		X	X						

Figure A31.2. Training Aspects Concerning the Transport of DG by Road Notes.**Notes:**

¹ Training of DCOs, UDGA's and ADR certified drivers may be provided by the IDGA upon request. See Chapter 6.

² Obligations & training of the participants are based on the unit's mission and shall be adapted and incorporated into units OIs as necessary

³ Special Provisions S1 and S2 are prescribed in Chapter 8.5 of the ADR.

⁴ Obligations IAW HN regulation (GGVSEB)

⁵ Table may- not be all-inclusive and is not a substitute for common sense Table shall only be used as a tool in addition to Chapter 13.

⁶ References in brackets, as well as §5 and §35 do apply to GSUs and units located outside Germany These units will comply with the safety obligations of the participants prescribed in Chapter 1.4 and 8.3 (drivers) of the ADR, and local laws as applicable.

Attachment 32

SPANGDAHLEM AB, DGMP DUTIES, FUNCTION & ASSOCIATED RISK CATEGORIES

Figure A32.1. Duties, Functions & Associated Risk Category I.

Below tables classified into three risk categories (Category I being the most serious) lists infringements that can sanctioned by enforcement agencies in Europe.

Table A32.1. Risk Category I

Where failure to comply with relevant ADR provisions creates a high-level risk of death, serious personal injury or significant damage to the environment such failures would normally lead to taking immediate and appropriate corrective measures such as immobilization of the vehicle.

Failures are:

- (a) The dangerous goods being carried are prohibited for transport;
- (b) Leakage of dangerous substances;
- (c) Carriage by a prohibited mode or an inappropriate means of transport;
- (d) Carriage in bulk in a container which is not structurally serviceable;
- (e) Carriage in a vehicle without an appropriate certificate of approval;
- (f) Vehicle no longer complies with the approval standards and presents an immediate danger (otherwise it goes in risk category II);
- (g) Non-approved packaging is used;
- (h) Packaging does not conform to the applicable packing instruction;
- (i) The special provisions for mixed packing have not been complied with the rules governing the securing and stowage of the load have not been complied with;
- (j) The rules governing mixed loading of packages have not been complied with;
- (k) The permissible degrees of filling of tanks or packages have not been complied with;
- (l) The provisions limiting the quantities carried in one transport unit have not been complied with;
- (m) Carriage of dangerous goods without any indication of their presence (e.g. documents, marking and labelling on the packages, placarding and marking on the vehicle);
- (n) Carriage without any placarding and marking on the vehicle;
- (o) Information relevant to the substance being carried enabling determination of a risk category I offence is missing (e.g. UN number, proper shipping name, packing group);
- (p) Driver does not hold a valid vocational training certificate;
- (q) Fire or an unprotected light is being used;
- (r) The ban on smoking is not being observed.

Figure A32.2. Duties, Functions & Associated Risk Category II.

Table A32.2. Risk Category II

Where failure to comply with relevant ADR provisions creates a risk of personal injury or damage to the environment such failures would normally lead to taking appropriate corrective measures such as requiring rectification at the site of control if possible and appropriate, but at the completion of the current transport movement at the latest. Failures are:

- (a) The transport unit comprises more than one trailer/semi-trailer;
- (b) Vehicle no longer complies with the approval standards but does not present an immediate danger;
- (c) The vehicle is not carrying operational fire extinguishers as required; a fire extinguisher can still be deemed operational if only the prescribed seal and/or the expiry date are missing; however, this does not apply if the fire extinguisher is visibly no longer operational, e.g. pressure gauge at 0;
- (d) The vehicle does not carry the equipment required in the ADR or in the instructions in writing;
- (e) Test and inspection dates and use periods of packaging, IBCs or large packaging have not been complied with;
- (f) Packages with damaged packaging, IBCs or large packaging or damaged uncleaned empty packaging are being carried;
- (g) Carriage of packaged goods in a container which is not structurally serviceable;
- (h) Tanks/tank containers (including ones that are empty and uncleaned) have not been closed properly;
- (i) Carriage of a combination packaging with an outer packaging which is not closed properly;
- (j) Incorrect labelling, marking or placarding;
- (k) There are no instructions in writing conforming to the ADR, or the instructions in writing are not relevant to the goods carried;
- (l) The vehicle is not properly supervised or parked.

Figure A32.3. Duties, Functions & Associated Risk Category III.

Table A32.3. Risk Category III

Where failure to comply with relevant provisions result in a low level of risk of personal injury or damage to the environment and where appropriate corrective measures do not need to be taken at the roadside but can be addressed at a later date at the undertaking. Failures are:

- (a) The size of placards or labels or the size of letters, figures or symbols on placards or labels does not comply with the regulations
- (b) Information in the transport documentation other than that in risk category I is not available
- (c) The training certificate is not on board the vehicle but there is evidence that the driver holds it.

Attachment 33

SPANGDAHLEM AB, DGMP SAMPLE OF VISUAL AID IN GERMAN

Figure A33.1. Sample of Visual Aid for Safe Handling of DG (German Version).

Betriebsanweisung
gemäss Para 14 GefStoffV

Arbeitsplatz: Be- und Entladezone, Umschlagshalle oder Lagerbereich
 Tätigkeit: Be- und Entladen von Fahrzeugen, Bereitstellen von Sendungen
 Diese Betriebsanweisung gilt fuer alle Tätigkeiten, die mit dem Umschlag von Gefahrgut in Verbindung stehen

Gefahrenbezeichnung und GefahrMassen			
Gefahren- klasse ¹	Gefahrenbezeichnung ¹	Kennzeichnung	
		Gefahrgut ¹	Gefahrstoff ²
1	Explosive Stoffe und Gegenstände mit Explosivstoff		
2	Gase		
3	Entzündbare flüssige Stoffe		
4.1	Entzündbare feste Stoffe, selbstzersetzliche Stoffe, polymerisierende Stoffe und desensibilisierte explosive feste Stoffe		
4.2	Selbstentzündliche Stoffe		
4.3	Stoffe, die in Berührung mit Wasser entzündbare Gase entwickeln		
5.1	Entzündend (oxidierend) wirkende Stoffe		
5.2	Organische Peroxide		
6.1	Giftige Stoffe		
6.2	Ansteckungsgefährliche Stoffe		
7	Radioaktive Stoffe		
8	Ätzende Stoffe		
9	Verschiedene gefährliche Stoffe und Gegenstände.		
Gefahren für Mensch und Umwelt			
Vom Umschlagsprodukt können folgende Gefahren ausgehen: <ul style="list-style-type: none"> • Explosionsgefahr durch Produkte, die explosionsfähige Dampf-/Luftgemische oder in Berührung mit Wasser brennbare Gase bilden können. • Borstgefahr bei unzulässiger Erwärmung von Druckgasbehältern und Spraydosen. • Brandgefahr durch brennbare Flüssigkeiten, brennbare feste Stoffe sowie brandfördernde Stoffe. • Gesundheitsgefahr z.B. durch sehr giftige, giftige, gesundheitsschädliche, ätzende, reizende und sensibilisierende Produkte bei Hautkontakt, beim Einatmen und Verschlucken. • Umweltgefahr durch Produktfreisetzung, unsachgemäße Entsorgung von Abfällen und Freisetzung von Brandgasen. 			

¹Klassen, Kennzeichen und Gefahrenbezeichnung gemäss den Gefahrgutvorschriften (i.e. ADR, RID, IMDG-Code)
²Piktogramme gemäss GHS/CLP/OSHA (Piktogramme sowie H und P Sätze sind auf einer Einzelverpackung anzugeben - sowie bei den Innenverpackungen von zusammengesetzten Verpackungen)

Figure A33.2. Protective Measures and Rules of Conduct.

Schutzmaßnahmen und Verhaltensregeln	
	• Bei Tätigkeiten in der Umschlagshalle oder im Lagerbereich Arbeitskleidung und erforderlichenfalls als persönliche Schutzausrüstung Sicherheitsschuhe, Schutzhandschuhe und Schutzhelm tragen, Arbeitskleidung und persönliche Schutzausrüstung getrennt von der Straßenkleidung aufbewahren,
	• Durch Produkt verunreinigte Kleidung sofort ausziehen, gesondert aufbewahren und fachgerecht reinigen,
	• In Gefahrenfällen alle Kollegen warnen und den Sammelraum aufsuchen,
	• Sehr giftige und giftige Produkte unter Verschluss oder so stellen, dass nur fachkundige Personen Zugang haben,
	• Verbot des Umgangs mit Feuer und offenem Licht und das Rauchverbot beachten,
	• Feuerarbeiten (z.B. Schweißen und Brennen) und Arbeiten, bei denen Funkenbildung möglich ist (Schleifen, Bohren), nur mit Erlaubnis der Geschäftsführung vornehmen,
	• Mit Umschlagsgütern so umgehen, dass Beschädigungen der Verpackungen sowie das Austreten von Produkt vermieden wird,
	• Produkte übersichtlich und nur auf den dafür vorgesehenen Flächen abstellen. Lageranweisungen (z.B. Stapelhöhe, zulässige Belastung und zur Kontrolle auf Mängel) beachten,
	• Lagerung der Produkte nur nach Genehmigung seitens der Geschäftsführung und nach Einlagerungsplan,
	• Rettungswege, Notausgänge, Feuerlöscher und Feuerlöschzufahrten ständig freihalten,
	• Innerbetriebliche Verkehrsregelungen beachten,
	• Auf Staplerbewegungen achten, Stapler haben Vorfahrt,
	• Nicht unter schwebende Lasten stellen oder gehen,
	• Je nach Witterungsbedingungen kann der Boden der Halle ganz oder teilweise glatt sein - auf ausreichenden festen Stand achten,
	• Im Rampenbereich auf Absturzgefahr achten,
	• Beschädigungen im Bodenbereich, die als Stolperstellen anzusehen sind, kennzeichnen und dem Vorgesetzten melden,
	• Für Ordnung und Sauberkeit in der Halle und am Arbeitsplatz sorgen und Unfallgefahren sofort beseitigen, bzw. dem Vorgesetzten sofort melden,
	• Verbot des Essens, Trinkens und Rauchens in der Umschlags- und Lagerhalle, sowie bei Lade- oder Entladetätigkeiten beachten,
	• Vor dem Essen, Trinken und Rauchen die Hände gründlich reinigen,
	• Nach Arbeitsende Gesicht und Hände gründlich reinigen oder Dusche benutzen,
	• Bestehende Beschäftigungsbeschränkungen für Jugendliche beachten
	• Unbefugten ist der Zutritt zur Umschlags- und Lagerhalle zu verwehren,

Figure A33.3. Procedures in Case of Fire and First Aid Measures.

Verhalten im Brandfall	
     <p style="text-align: center;">1 1 2</p>  <p style="text-align: center;">1 1 0</p>	<p>Verhalten bei Bränden</p> <ul style="list-style-type: none"> • Brandalarm auslösen (Feuerwehr, Mitarbeiter und Vorgesetzte gemäß Alarmordnung alarmieren). • Gefährdete Betriebsbereiche von Personen räumen, festgelegten Sammelplatz aufsuchen und Anwesenheitskontrolle durchführen. • Entstehungsbrände bekämpfen, soweit dies gefahrlos möglich ist. Als geeignete Löschmittel Wasser, Schaum, CO₂ oder Pulver verwenden. • Darauf achten, dass Zufahrts- und Angriffswege für die Feuerwehr frei sind. • Feuerwehr einweisen (zur Unterstützung sach- und orkundigen Mitarbeiter abstellen). • Anordnung der Einsatzleitung befolgen. • Nachbarschaft warnen. • Unkontrolliertes Abfließen von Löschwasser verhindern (z.B. Gullys in der Ladezone schließen oder abdecken; zusätzliche Auffangmöglichkeiten z.B. durch Errichten von Barrieren oder durch Bereitstellen von Tankwagen schaffen). • Mit der Feuerwehr Möglichkeit der Bergung von Produkten aus gefährdeten Bereichen prüfen. <p>Verhalten bei Produktaustritt</p> <ul style="list-style-type: none"> • Mitarbeiter, Vorgesetzte und ggf. Feuerwehr gemäß Alarmordnung alarmieren und Gefahrenstelle sichern. • Produktkontakt vermeiden (Stäube und Dämpfe nicht einatmen; Produkt nicht auf die Haut oder in die Augen gelangen lassen). • Zur Beseitigung von ausgetretenem Produkt die bereitgestellte persönliche Schutzausrüstung wie Handschuhe, Schutzstiefel, Schutzbrille und Atemschutzgerät tragen. • Flüssige Produkte am Fortfließen hindern, mit saugfähigem Material aufnehmen und in verschließbare Behälter füllen; nicht wegspülen. • Bei Austritt von brennbaren Flüssigkeiten Funkenbildung vermeiden, Feuerarbeiten einstellen und erhitzte Metallteile sofort mit Wasser kühlen; für gute Belüftung sorgen. • Pulver und Granulate z.B. mit Staubsauger aufnehmen und in verschließbare Behälter füllen, nicht wegspülen, Feuerarbeiten einstellen. • Verschmutzte Umgebung mit feuchtem Lappen reinigen, Reinigungsmaterial und verunreinigte Verpackungen in verschließbare Behälter füllen. <p>Verhalten bei Hochwasser</p> <ul style="list-style-type: none"> • Produkte aus dem Gefahrenbereich entfernen. • Leichtflüssigkeitsabscheideranlagen (Ölabscheider) ggf. vorher leeren lassen. • Falls erforderlich, mit Hilfe von Sandsäcken Dämme errichten, ggf. Feuerwehr zu Hilfe rufen. • Bei Überflutung der Umschlags- / Lagerhalle Wasserbehörde benachrichtigen
Erste Hilfe	
   <p style="text-align: center;">1 1 2</p>  <p style="text-align: center;">1 1 0</p>	<ul style="list-style-type: none"> • Verletzten Erste Hilfe leisten. • Bei schweren Verletzungen über Notruf Rettungsdienst alarmieren. • Je nach Art des Unfalls bzw. Art der möglichen Verletzung durch Sachkundigen (Ersthelfer) Lebensfunktionen sichern (evt. Atemspende) und Verletzungen versorgen (Verbandkasten). • Verletzungen dem Vorgesetzten melden <p>Erste Hilfe bei Kontakt mit Gefahrstoffen bzw. Vergiftungsfällen</p> <p>Bei Produktaustritt Betroffenen aus dem Gefahrenbereich bringen. Dabei auf den Selbstschutz achten. Verunreinigte Kleidung und Schutzausrüstung sofort ausziehen.</p> <ul style="list-style-type: none"> • Bei Hautkontakt sofort mit viel Wasser waschen (möglichst duschen), ggf. Arzt hinzuziehen. • Bei Augenkontakt sofort unter fließendem Wasser (Augenbrause) oder mit Augenspülfasche möglichst lange spülen. Anschließend Arzt aufsuchen. • Bei Einatmen gefährlicher Dämpfe, Stäube oder Brandgase sofort Arzt rufen. Betroffene an die frische Luft bringen, warm halten und ausruhen lassen. • Bei erforderlicher ärztlichen Hilfe Betroffenen begleiten. Dem Arzt die produktspezifischen Sicherheitsinformationen, die Produktverpackung oder Gebrauchsanweisung vorlegen. • Bei Vergiftungsfällen über Notruf Rettungsdienst (Notarzt) alarmieren, ggf. Informations- und Behandlungszentrum für Vergiftungen oder Hersteller über Sofortmaßnahmen befragen. <p>Erste Hilfe bei Bränden</p> <p>Brennende Kleidung sofort löschen (Wasser, Feuerlöcher) und Kleidung über der Brandwunde entfernen, sofern sie nicht festklebt. Anschließend Wunde keimfrei mit Verbandspäckchen bedecken, Verletzte warm halten und umgehend einen Arzt hinzuziehen</p>
Entsorgung	
<p>Anfallende Abfälle in die dafür bereit gestellten Behältnisse packen. Deckel der Behälter immer geschlossen halten.</p>	

Attachment 34**SPANGDAHLEM AB, DGMP CONTENT OF THE UDGA BINDER****Table A34.1. Content of the Unit DGA Binder.****Table of Contents**

TAB 1	MICT 3.1 UDGA Appointment
TAB 2	MICT 3.2 DCO Appointment
TAB 3	MICT 3.3 UDGA and DCO Appointment Orders
TAB 4	MICT 3.4 Commander Awareness Briefing
TAB 5	MICT 3.5 Training Requirements
TAB 6	MICT 3.6 Guidance for Safe Movement of HAZMAT
TAB 7	MICT 3.7 Compliance Checklists
TAB 8	MICT 3.8 Master List Trained Personnel
TAB 9	MICT 3.9 Expiration and Refresher Dates of Training Certificates
TAB 10	MICT 3.10 Annual Report
TAB 11	USAFE-AFAFRICAI 23-104
TAB 12	SPANGDAHLEM AIR BASE INSTRUCTION 23-104

Attachment 35

SPANGDAHLEM AB, DGMP CONTENT OF UNIT OI

Figure A35.1. Content of Unit Operating Instructions.

Unit Instructions concerning the safe movement of HAZMAT must be developed in line with CDGP, IDGP and applicable DoD and Host Nation HAZMAT rules. Unit instructions shall identify the unit's role concerning movement and handling of HAZMAT. As a minimum instruction shall include the following information:

- Unit's HAZMAT processes- and handling/storage areas;
- Types of HAZMAT handled by the unit; subject to Annual DGA Report 9USAFE Form 60);
- Duties & functions executed by the unit, IAW Chapter 13;
- Copies or link to HAZMAT checklists, used by DCO's and other HAZMAT employees;
- Local inspection processes (standards);
- Link to HAZMAT regulations required to execute the mission;
- Link to Command- and Installation DGP;
- Unit's training requirement IAW Chapter 6 of this instruction;
- List of trained HAZMAT personnel (DCOs, UDGAs, ADR-drivers etc.);
- IDGA contact information (location & phone no.);
- List of ADR certified vehicles assigned to the unit;
- Information concerning ADR vehicle's inspection due dates;
- List of Protective Equipment and Fire Extinguishers required on board of ADR vehicles;
- Link to download 'Instructions in Writing' IAW Section 5.4.3 of the ADR;
- Procedures on how to capture data for the annual DG report (USAFE Form 60);
- Emergency response procedures (or link thereto) in case of an incident/accident ensuring maximum safety during the loading, unloading and removing of HAZMAT at the scene of accident/incident;
- Link to Chapter 3 (SABI) and Section 1.8.3 of the ADR in case of in incident/accident;
- Appropriate measures and monitor processes to avoid the re-occurrence of accident's, incidents and serious infringements;
- If available refer to existing installation or unit instructions;
- If necessary, cooperate with the local Fire Chief concerning emergency response plans;
- Unit instructions concerning the safe movement of HAZMAT and associated checklists may be incorporated into existing Operation instructions;

Attachment 36

SPANGDAHLEM AB, DGMP SECURITY CHECKISTS FACILITY

Table A36.1. Security Checklist Facility, Part 1.

Question	Response			Recommendation
1. Is the facility located in an area of high, medium or low population?	H	M	L	
2. What is the distance to the police department and their likely response time?				
3. What is the distance to emergency response personnel/fire department and their likely response time?				
4. Have you conducted a vulnerability assessment of your hazardous materials?	Yes	No		
5. How many points of access are there to the facility?				
6. Do the access points have an entrance registration procedure?	Yes	No		
7. Are there security personnel at the access points?	Yes	No		
8. Are all entries to the facility recorded?	Yes	No		
9. What are the procedures for exiting?				
10. Are all departures from the facility recorded?	Yes	No		
11. Are there specific procedures for closing and locking the facility?	Yes	No		
12. Is there an alarm system on the perimeter of the facility?	Yes	No		
13. Is there an alarm system on the access points?	Yes	No		
14. Are cameras used to monitor the facility?	Yes	No		
15. Are security personnel used to monitor the facility?	Yes	No		
16. Is there adequate lighting for the facility grounds?	Yes	No		

Table A36.2. Security Checklist Facility, Part 2.

Question	Response		Recommendation
17. Is there a fence or similar barrier around the perimeter of the facility?	Yes	No	
18. Is the barrier in good repair?	Yes	No	
19. How easy would it be to breach the barrier?			
20. When was the last time that locks were changed?			
21. Who has keys to these locks?			
22. Is the facility security in compliance with all federal, state, and local laws and regulations?	Yes	No	
23. Are security logs kept?	Yes	No	
24. When was the last time security logs and/or incident reports were reviewed?			
25. Is there a current security plan and when was it last reviewed?	Yes	No	

Attachment 37

SPANGDAHLEM AB, DGMP SECURITY CHECKLIST CONSIGNOR

Table A37.1. Security Checklist Consignor, Part 1.

Question	Response	Recommendation
Hazmat Storage and Handling		
1. How are hazardous materials secured?		
2. Does your company protect hazardous materials using alarms and/or other security systems?		
3. How are unauthorized personnel restricted from area?		
4. How are untrained personnel restricted from the area?		
5. What records are maintained to inventory hazmat?		
6. How often is the inventory audited?		
7. What is the reporting procedure if materials are missing from the inventory?		
8. Do your employees have a checklist for packaging and transferring hazmat?		
9. Do they use the checklists effectively?		
10. Does your company implement routine security inspections?		

Table A37.2. Security Checklist Consignor, Part 2.

Question	Response	Recommendation
Training and Personnel		
11. How are shipping personnel trained?		
12. How are training records kept?		
13. Are handlers of hazardous materials trained in recognition and disposal of suspect packages?		
14. Are all personnel trained in recognizing and dealing with aberrant behavior?		
15. Are employee background checks being conducted?		
16. Are background checks periodically reviewed and/or updated? How often?		
17. Does your company hold regular employee/management meetings to discuss security measures and awareness?		
Carrier Safety		
18. How is the carrier's identification matched to shipping records?		
19. What program do you have to audit your carrier's security procedures?		
20. What procedures do you have to verify if the carrier is authorized to carry your hazmat?		
21. How is the carrier's equipment checked for safety?		

Table A37.3. Security Checklist Consignor, Part 3.

Question	Response	Recommendation
Loading and Securing Shipments		
22. What procedure do you have to verify that your hazmat has been securely loaded and properly labeled?		
23. How do you track the shipment after it has left your facility?		
24. When is the receiver notified that the shipment is en route?		
25. What information is provided to the receiver?		
26. Is the information adequate?		
27. What procedure do you have to follow up on the safe arrival of hazmat?		

Attachment 38

SPANGDAHLEM AB, DGMP SECURITY CHECKLIST CARRIER

Table A38.1. Security Checklist Carrier, Part 1.

Question	Response	Recommendation
Hazmat Transportation and Handling		
1. How are vehicles with hazardous materials secured?		
2. How are unauthorized personnel restricted from the area?		
3. How are untrained personnel restricted from the area?		
Training and Personnel		
4. How are you drivers/operators trained?		
5. How are your maintenance people trained?		
6. How are training records kept?		
7. How do you verify that personnel meet all federal requirements for handling and transporting hazmat?		
8. Are personnel trained in inspecting packages and recognizing suspect packages prior to accepting them for shipment?		
9. Are all personnel trained in recognizing and dealing with aberrant behavior?		
10. Are drivers/operators trained in marking, labeling, placarding, and packaging requirements?		
11. Are employee background checks being conducted?		
12. Are background checks periodically reviewed and/or updated? How often?		

Table A38.2. Security Checklist Carrier, Part 2.

Question	Response	Recommendation
Hazmat Transportation and Handling		
13. Do our operators/drivers carry the proper identification?		
14. What procedure do you have to verify if your operator/driver is authorized to carry hazmat?		
15. How is the equipment checked for safety?		
16. Are security spot checks of personnel and vehicles conducted?		
17. What monitoring and tracking equipment have you added to your fleet?		
18. What procedures are in place for safeguarding hazardous materials during en route breakdowns and/or emergencies?		
Transport		
19. Are local law enforcement familiar with what you carry?		
20. What procedure do you use to review a driver/operator's planned routes, layovers and equipment changes?		
21. How does you driver/operator verify the site is expecting a pickup or delivery?		
22. Is the driver/operator provided with a delivery point-of-contact and contact information?		
23. Do you have a way to contact the driver 24 hours a day?		
24. What procedure do you have to follow-up on the safe arrival of hazmat?		

Attachment 39

SPANGDAHLEM AB, DGMP SECURITY CHECKLIST RECEIVER

Table A39.1. Security Checklist Receiver.

Question	Response	Recommendation
Hazmat Storage and Handling		
1. How are hazardous materials secured and stored after receipt?		
2. Does your company protect hazardous materials using alarms and/or other security systems?		
3. How do you verify that authorized personnel are available to receive and promptly store hazmat?		
4. How are unauthorized personnel restricted from the area?		
5. How are untrained personnel restricted from the area?		
6. What procedure do you have to refuse receipt of suspect packages?		
7. How often is the inventory audited?		
8. What is the reporting procedure if material is missing from the inventory?		
9. Do your employees have a checklist for receipt and temporary storage of hazmat?		
10. Do they use the checklists effectively?		
Training and Personnel		
11. How are personnel trained?		
12. How are training records kept?		
13. Are handlers of hazardous materials trained in the recognition and disposal of suspect packages?		
14. Are all personnel trained in recognizing and dealing with abnormal behavior?		

Table A39.2. Security Checklist Receiver, Part 2.

Question	Response	Recommendation
15. Are employee background checks being conducted?		
16. Are backgrounds checks periodically reviewed and /or updated? How often?		
Receiving a Delivery		
17. What procedures do you have to verify if the carrier's delivery is expected?		
18. How is the carrier's identification matched to shipping records?		
19. How is the carrier's equipment checked for safety and security?		
Unloading and Securing Shipments		
20. What procedures do you have to verify that your hazmat is securely unloaded and stored?		
21. How do you notify the shipper on receipt of a shipment?		
22. What procedures are in place to inspect packages and shipping documents?		
23. How do you notify the shipper of missing or damaged items?		

Attachment 40

SPANGDAHLEM AB, DGMP MASTER LIST

Table A40.1. Master List of Trained Personnel IAW the DGMP (Sample).

Type of Training	Last Name	First Name	Office Symbol	Course No.	Driver License or Certificate Number	Date Completed	Refresher Due	Type of Appointment
UDGA	Weiss	Ernst	LGRMT	DG2013-02/07A	N/A	13-Jun-18	13-Jan-21	UDGA
UDGA	Black	Joe	LGRMT	DG2013-02/07A	N/A	14-Aug-19	14-Aug-22	UDGA
DCO	Doro	Ingo	LGRMT	DG2013-02/07A	N/A	21-Nov-18	21-Nov-21	DCO (ADR)
DCO	Johnson	Eric	LGRMI	DG2013-02/07A	N/A	21-Nov-18	21-Nov-21	DCO (ADR)
DCO	Sutter	Noah D.	LGRMI	DG2014-02/07A	N/A	30-Jan-19	30-Jan-22	Pending Signature
ADR Driver	Brain	Norbert	LGRMD	DG2018-03/4/5	198-510000008803	18-Sep-19	18-Sep-24	N/A
ADR Driver	Joshua	Mike	LGRMD	DG2018-03/4/5	198-510000008901	18-Sep-20	18-Sep-25	N/A
CC Awareness	Smith	Mark D.	CC	N/A	N/A	19-Jan-20	N/A	52 LRS/CC

Attachment 41

SPANGDAHLEM AB, DGMP DCO TRAINING CERTIFICATE

Figure A41.1. DCO Training Certificate (Sample).



Attachment 42

SPANGDAHLEM AB, DGMP OBLIGATIONS OF UNITS

Table A42.1. Obligations of Individual Units.

OBLIGATIONS OF THE INDIVIDUAL UNITS (SQ) IN CONNECTION WITH CHAPTER 13 ¹												
Unit with Duties & Responsibilities IAW Chapter 13 ³	52 MDG		52 MMG ²			52 MSG			52 MXG		52 OG	Tenant
	52 MDSS	701 MUNSS	702 MUNSS	703 MUNSS	52 CES	52 FSS ⁴	52 LRS	52 SFS	52 AMXS	52 MXS	DET 1 ⁵	726 AMS
Unit Commander (§ 13.4.10)	X				X		X	X	X	X		X
UDGA (§ 13.4.12)	X				X		X	X	X	X		X
Shipper (§ 13.4.1)	X				X		X	X	X	X		X
Consignor (§ 13.4.2 & 13.4.14)	X				X		X	X	X	X		X
DCO (§ 13.4.13)	X				X		X		X	X		X
Packer (§ 13.4.3)	X				X		X		X	X		
Loader (§ 13.4.4)	X						X	X	X	X		X
Filler (§ 13.4.5 & 13.4.14)							X					
Carrier (§ 13.4.6 & 13.4.14)	X				X		X	X		X		
Driver (§ 13.4.7)	X				X		X	X	X	X		
Unloader (13.4.8)	X				X		X	X	X	X		X
Consignee (§ 13.4.9)	X				X		X	X	X	X		X
Craftsman (§ 13.3.13)					X							
HazWaste AP/SA ⁶ (§ 2.3)	X				X		X	X	X	X		X

¹ Units incl. tenant organizations stationed at Spangdahlem AB and GSUs, assigned to 52 FW.

² Unit only receives end user quantities. A memorandum of understanding describes the handling of DG/HW.

³ Duties & responsibilities prescribed in the table are tentative and may be subject to adjustments in case of mission changes etc. (see § 1.2).

⁴ Unit only receives end user quantities. A memorandum of understanding describes the handling of DG/HW.

⁵ Unit only receives end user quantities. A memorandum of understanding describes the handling of DG/HW.

⁶ Hazardous Waste Accumulation & Storage Areas. Duties of units generating hazardous waste are described in § 2.3.