

**BY ORDER OF THE COMMANDER
RAMSTEIN AIR BASE (USAFE)**

**RAMSTEIN AIR BASE INSTRUCTION
23-104**



24 OCTOBER 2023

Material Management

**INSTALLATION DANGEROUS
GOODS MANAGEMENT PROGRAM**

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RELEASABILITY: There are no releasability restrictions on this publication

OPR: 86LRG/IDGA

Certified by: 86LRG/CC
(Colonel Wesley B. Eagle)

Supersedes: RAMSTEINABI23-104, 9 June 2021

Pages: 143

This instruction implements Air Force Policy (AFPD) 23-1, Material Management and USAFE-AFAFRICAI 23-104, *USAFE-AFAFRICAI Command Dangerous Goods Program*, which requires the implementation of an Installation Dangerous Goods Management Program (DGMP). This instruction applies to all Air Force and tenant units, military and civilian personnel transporting or arranging the transport of dangerous goods (DG) inside or outside Ramstein Air Base and associated Geographically Separate Units (GSUs). The requirements for the carriage of dangerous goods described in this instruction also apply to members of the Civil Air Patrol, Air Force Reserve and Air National Guard. It provides guidance for the safe transportation of dangerous goods by road, rail, or seairlift, 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. This instruction describes the duties and responsibilities, training requirements, and safety obligations of personnel involved in the carriage of dangerous goods in accordance with applicable international and host nation dangerous goods regulations for road, rail, and sea transportation. In context of this instruction, the term dangerous goods include ammunition, explosives, hazardous material, and hazardous waste regulated in dangerous goods regulations (ADR/RID/IMDG-Code), unless otherwise identified. This instruction does not describe the requirements for the transportation of DG by Air. Compliance with **Chapter 13** of this instruction is mandatory. Failure to observe the mandatory provisions of **Chapter 13** [Paragraph **13.4.1** through **13.4.9**; **13.4.13** and **13.4.14**] and any provisions of mandatory subparagraph(s) thereunder is punishable under article 92, Uniform Code of Military Justice for military personnel in Title 10 status; and punishable in accordance

with applicable state military codes for National Guard members in Title 32 status. Civilian employees who fail to obey the mandatory provisions of **Chapter 13** [Paragraph **13.4.1** through **13.4.9**; 13.4.13 and 13.4.14] and any provisions of mandatory subparagraph(s) are subject to administrative disciplinary action without regard to otherwise applicable criminal or civil sanctions. Ensure all records generated as a result of processes prescribed in this publication adhere to AFI 33-322, Records Management and Information Governance Program, and are disposed in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. 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 from the field through the appropriate functional chain of command. The authorities to waive requirements in this publication are identified with a Tier number ('T-0, T-1, T-2, T-3') following the compliance statement. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the Publication OPR for non-tiered compliance items. See DAFMAN 90-161, *Publishing Processes and Procedures*, for a description of the authorities associated with the Tier numbers. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

SUMMARY OF CHANGES

This instruction has been substantially revised and must be completely reviewed. This instruction has been amended according to the updated version of USAFE-AFAFRICAI 23-104, USAFE Command Dangerous Goods Program, which describes a two-tiered dangerous goods program that requires the implementation of an installation dangerous goods management program on USAFE-AFAFRICA main operating bases. Significant changes to this instruction are the amendment of the title from *Road Transportation of Hazardous Material on and off Ramstein AB* to *Installation Dangerous Goods Management Program* and the incorporation of the roles, duties and responsibilities of personnel involved in the carriage of dangerous goods by rail or sea, in addition to those already described for road transportation.

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Chapter 1

OVERVIEW

1.1. Purpose. This instruction describes the Installation Dangerous Goods Management Program (DGMP) for Ramstein AB (incl. GSUs). The instruction provides guidance to ensure compliance with the Defense Transportation Regulations (DTR) 4500.9-R, Part II, chapter 204-5, CDGP, and applicable international, European, and local laws and regulations. The responsibilities and duties of the Wing/Installation Commanders, Wing/Installation Dangerous Goods Advisors (IDGAs), Unit Commanders, Unit Dangerous Goods Advisors (UDGAs) and Dangerous Goods Certifying Officials (DCOs) described in the CDGP are supplemented by this instruction in accordance with local regulations.

1.2. Scope. This Instruction applies to all units/sections moving or offering DG for on- or off-base transportation (incl. receipt of DG). Transportation of dangerous goods with U.S. military vehicles 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 provisions of the GGVSEB (German Ordinance regulating the movement of DG by roads, rail and 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. 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**). The instruction does not apply to movements of DG within restricted areas, munitions storage areas, aerial ports, or flight line areas unless transport assets are marked and prepared for off-base transportation. Chapters, Paragraphs or Attachments marked 'GE-only' do not apply to GSUs located outside Germany. Squadrons assigned to 86AW, 435AGOW, including GSUs, and tenant units stationed on Ramstein AB with responsibilities and duties according to the CDGP and Dangerous Goods Regulations are listed in [Attachment 26](#). 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. 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**).

Chapter 2

ROLES AND RESPONSIBILITIES

2.1. Installation Commander. The overall responsibility for the transportation of DG rests with 86th AW/CC. Duties and responsibilities of the installation commander are described in USAFE-AFAFRICAI 23-104. (T-2).

2.2. Unit Commander. Unit commanders are responsible to manage the DG Program at their level on behalf of the installation commander. For the purpose of this instruction, unit commanders are primarily commanders of squadrons, involved in the handling and carriage of DG, with duties described in [Chapter 13](#). To perform assigned duties, the unit commander appoints a primary and an alternate Unit Dangerous Goods Advisor (UDGA) to execute duties on his behalf. Regardless of the appointment, the unit commander remains responsible for compliance. Duties of the unit commander are described in USAFE-AFAFRICAI 23-104 and [Paragraph 13.4.10](#) of this instruction (T-2). **Note:** If UDGAs are appointed at group level (by the group commander), [Paragraph 13.4.10](#) applies to the group commander.

2.3. Installation Dangerous Goods Advisor (IDGA). IDGAs are trained and appointed individuals executing the Installation Dangerous Goods Program on behalf of the 86AW/Commander. (T-0). The IDGA manages the implementation and execution of the Dangerous Good Management Program (DGMP) on Ramstein AB (incl. GSUs), as described in USAFE-AFAFRICAI 23-104. Both IDGAs (Primary and alternate) need to be appointed by the 86AW/CC in writing. In this capacity the IDGA acts as a consultant to the 86AW /CC and subordinate units and is responsible implementing local requirements concerning the carriage dangerous goods. The IDGA office is assigned to 86 LRG: Location bldg. 2126, DSN (314) 480-5530. 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 or 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 Fire Department Dispatch Office at DSN 480-7683 for IDGA assistance if required after regular duty hours or on weekends. Duties of the IDGA are described in USAFE-AFAFRICAI 23-104 and [Paragraph 13.4.11](#) of this instruction (T-2).

2.4. Unit Dangerous Goods Advisor (UDGA). UDGAs are trained and appointed individuals tasked to implement and execute the Dangerous Goods Program described USAFE-AFAFRICAI 23-104 and this instruction on behalf of the Unit Commander (T-2). Duties of the UDGA are described in [Paragraph 13.4.12](#). (T-2).

2.5. 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 ensure compliance with DG regulations and declare, by signing the required transport document or vehicle/container packing certificate (eg., 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). DCOs must be appointed in writing by the unit commander. Duties of the DCO are described in [Paragraph 13.4.13 \(T-2\)](#).

2.6. Shipper. The shipper is the 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. Duties of the shipper are described in [Paragraph 13.4.1](#).

2.7. Consignor. The consignor is the unit which consigns dangerous goods (i.e., entering Dangerous Goods into public traffic) either on its own behalf or for a third party (eg., for the Shipper). Duties of the consignor are described in [Paragraph 13.4.2](#).

2.8. Packer. The packer is the 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 labelling. Duties of the packer are described in [Paragraph 13.4.3](#).

2.9. Loader. The loader is the 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. Duties of the loader are described in [Paragraph 13.4.4](#).

2.10. Filler. The filler is the 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. Duties of the filler are described in [Paragraph 13.4.5](#).

2.11. Carrier. The carrier is the unit which carries out the transport operation with or without a transport contract. Duties of the carrier are described in [Paragraph 13.4.6](#).

2.12. Driver. Individuals which drive vehicles carrying dangerous goods, either drivers 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 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](#) for duties of ADR certified drivers carrying DG on placarded vehicles. **Note:** Obligations and training requirements of drivers carrying DG on non-placarded vehicles can be obtained from [Figure A27.1](#).

2.13. Unloader. The unloader is 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. Duties of the carrier are described in [Paragraph 13.4.8](#).

2.14. 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. Duties of the consignee are described in [Paragraph 13.4.9](#).

2.15. Craftsman. Craftsman IAW 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, provided that the quantities of DG carried in a vehicle do not exceed the limits described in [Paragraph 12.4](#) Duties of Craftsman carrying DG are described in [Chapter 12](#).

Chapter 3

PREPARATION AND CARRIAGE OF DANGEROUS GOODS

3.1. 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 ADR subsection 1.1.4.2 and related mode-specific regulations for additional requirements and deviations concerning the carriage of DG in a multi-modal transport chain that includes rail, maritime or air carriage, not covered by this Chapter.

3.1.1. **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)**.

3.1.2. **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:

3.1.2.1. Manufacturer, Shipper, Ordering Party of the Shipper

3.1.2.2. HMIRS (Hazardous Material Information Resource System)

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

3.1.2.4. SDS (Safety Data Sheets)

3.1.2.5. JHCS (Joint Hazardous Classification System)

3.1.2.6. Technical Directives or Orders

3.1.2.7. 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).

3.1.3. **Step 3 – Identify Contents of DG (*1).** Obtain the following information from sources outlined in ‘Step 2’ and forward the data (incl. the amount of DG in kg or liters etc.) to the ‘Consignor’ so that they can determine the proper shipping requirements. **(T-0)**:

3.1.3.1. UN Number (always required)

3.1.3.2. Proper Shipping Name (always required)

3.1.3.3. Hazard Class (always required)

3.1.3.4. Classification Code (only required for Class 1)

3.1.3.5. Technical Name (only if PSN includes the term ‘N.O.S.’)

3.1.3.6. Packaging Group (if assigned)

3.1.4. **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 necessary information required for the packaging, labeling, marking and carriage of DG. Identify waivers, exemptions, limited and excepted quantity limits (Column 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, consignees, loaders, or carriers of DG to ensure compliance with DG movement regulations.

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

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

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

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

3.1.6. **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’ described in **Attachment 15** when preparing proper transport documents required by Chapter 5.4 of the ADR. **(T-3)**.

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

3.1.8. **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)**.

3.1.9. **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 Class 1 (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)**.

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

3.1.9.2. 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 individuals will not apply. **(T-0)**.

3.1.9.3. Under no circumstances will packages containing DG requiring ventilation be carried in 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.

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

3.1.9.5. Open or ventilated vehicles/containers (ventilated: one 10x10 cm opening at the top front and one 10x10 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)**.

3.1.10. **Step 10 – Load Securing (*4, 6)**. Packages containing DG must be securely fixed or packed in vehicles or containers to prevent 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)**.

3.1.11. **Step 11 – Placarding (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) 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 vehicle is unloaded, clean and free of residues. **(T-0)**. **Note:** Tank vehicles or tank containers must be empty, drained and purged prior to removing placards and/or orange-colored plates.

3.1.12. **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 6.2.3.1** of this instruction, and regular driver licenses required for the size and type of the vehicles. **(T-0)**. Prior to 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 **Chapter 14** below.

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

3.2. Exemptions.

3.2.1. **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:

3.2.1.1. Private individuals (1.1.3.1.a., ADR).

3.2.1.2. 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.

3.2.1.3. Emergency Response Forces; (1.1.3.1.d., ADR). (GE-Only) Applies to authorities responsible for emergency measures IAW German law only.

3.2.1.4. Emergency transport intended to save human lives or to protect the environment (i.e., Ambulance vehicles); (1.1.3.1.e., ADR)

3.2.1.5. Certain un-cleaned empty static storage vessels; (1.1.3.1.f., ADR)

3.2.1.6. Exemptions related to the carriage of gases; (1.1.3.2, ADR)

3.2.1.7. Exemptions related to the carriage of liquid fuels; (1.1.3.3, ADR)

3.2.1.8. Empty and unclean packaging; (1.1.3.5, ADR). **Note:** Obey provisions described in sub-sections 1.1.3.1 – 1.1.3.3 and 1.1.3.5, ADR; threshold limits must not be exceeded, and special instructions be 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.

3.2.2. **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 most ADR provisions. Refer to column 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).

3.2.3. **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:

3.2.3.1. **Chap 1.10**; *Security Provisions*.

3.2.3.2. **Chap 5.3**; *Placarding and Marking of Containers and Vehicles*; *Section 5.4.3*; *Instructions in Writing*.

3.2.3.3. **Chap 7.2**; *Provisions concerning Carriage in Packages*.

3.2.3.4. **Part 8**; *Requirements for Vehicle Crews, Equipment, Operation and Documentation*. (Partly exempt - see 1.1.3.6.2, ADR for details).

3.2.3.5. *Sections 8.1.4 & 8.1.5*; *Fire-fighting and Miscellaneous Equipment* (see **Tables 5.2 & 5.3** of this instruction)

3.2.3.6. **Chap 8.2**; e.g., 'ADR driver certificates'.

3.2.3.7. **Part 9**; *Requirements Concerning the Construction and Approval of Vehicles*.

3.3. Hazardous Waste Storage and Accumulation Areas.

3.3.1. Units generating and storing or accumulating Hazardous Waste (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.

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

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

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

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

3.3.3. 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.

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

3.3.5. 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*.

3.3.6. The primary office responsible for the disposal of HW is 86 CES /CEIE (DSN 480-9318). UDGAs appointed by 86 CES/CC or other personnel assigned to 86 CES tasked to provide training to HW managers IAW AFI32-7002, Chapter 5 *Hazardous Waste Management* must be in possession of a UDGA/DCO training certificate (IAW **Chapter 6**). The 86 CES/UDGA must ensure that the following elements are included in their training plans for HW Manager or Monitor training:

3.3.6.1. Container labeling and marking requirements IAW ADR.

3.3.6.2. Container markings IAW OSHA (**Attachment 8**).

3.3.6.3. European Waste Catalog Codes and Waste Descriptions.

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

3.3.6.5. Stowage and Segregation.

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

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

3.3.7. 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 pick up of HW by qualified contractors.

3.3.8. 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.

3.3.9. 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.

3.3.10. 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 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 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 good 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 49CFR § 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 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 have it.

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 **32 – 35** 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 32**).

4.5.2. Security Checklist for the Consignor of HAZMAT (**Attachment 33**).

4.5.3. Security Checklist for the Carrier of HAZMAT (**Attachment 34**).

4.5.4. Security Checklist for the Receiver of HAZMAT (**Attachment 35**).

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 good 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**	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
Notes:														
*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 special type of hand-lamps, as applicable)														
*** 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 is pending on the permissible mass of the transport unit (see [Table 5.1](#)). 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'. **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.	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

Notes:
 *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.

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= 86 CES/CEIE; 5 = URSO = Unit Radiation Safety Officer (URSO)

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 designed to enhance transportation security. This training must include a component covering how to recognize/respond to possible security risks. See Attachments **32 – 35** 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 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 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). 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*, provided that 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. 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 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 Commanders through the IDGA office NLT 90 days after 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 the threshold limits of **table 1.1.3.6.3**, ADR 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 areas IAW **Paragraph 3.3** of this instruction will contact 86CES/CEIE for training.

6.2.5. **Class 7, Radiation protection** (*1,5). As applicable, personnel must receive appropriate training from the URSO 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 acting as consignors IAW **Paragraph 2.7** 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 2.9** 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 which only execute shipper and packer duties IAW **Chapter 13**, required to identify and/or prepare DG for a movement process. Personnel trained as Technical Experts (TEs) are not authorized to certify DG for transportation and therefore cannot be appointed as DCOs. TE training is also required for craftsman 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 **Figure 6.1** 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 24** will be used to request DG training from the IDGA office. Local nationals will submit a training request (SF 182) to 86 FSS (CPO) prior requesting training from the IDGA office. A signed copy of the approved SF 182 will be issued to 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 according to **Paragraph 6.2.3.1** will be issued an ADR driver certificate. Appointment orders IAW **Paragraph 6.7** are not required for drivers. Students who have failed the final exam have a chance retest once within 3 months. **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 2 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-AFAFRICA I23-104 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 31**. (T-3).

6.7. Appointment. According to USAFE-AFAFRICAI 23-104, Unit Commanders must appoint UDGAs and DCOs in writing using standardized USAFE-AFAFRICA Form 66 or 67. **(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 21 (Figure A21.1 & A21.2)** and **Attachment 22 (Figure 22.1 & 22.2)** for step-by-step instructions completing USAFE-AFAFRICA Forms 66 and 67, as well as for samples of appropriate appointment orders. **(T-3).**

Figure 6.1. Training provided by the IDGA office.

Type Training	Reference	Ramstein AB IDGA- Course No ²	Duration	Training Frequency
UDGA	Para 6.2.7	DG XXXX-02	3 - 5 days ³	2 Years
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-03 R	2.5 days	5 Years
ADR - DCO	Para 6.2.8	DG XXXX-07	5 days ³	2 Years
			1 day if Course No. DG XXXX 07 was completed, otherwise, 5 days	
RID - DCO	Para 6.2.8	DG XXXX-08	1 day if Course No. DG XXXX 07 was completed, otherwise, 5 days	2 Years
IMDG-Code - DCO	Para 6.2.8	DG XXXX-09	otherwise, 5 days	2 Years
ADR/RID/IMDG- Code - DCO for a specific class	Para 6.2.8	DG XXXX-10 (HC) ⁴	2-3 days ³	2 Years
ADR/RID/IMDG - DCO	Para 6.2.8	DG XXXX-11	7 days ³	2 Years
Technical Expert Training	Para 6.2.9	DG XXXX-12	TBD 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 'XX'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 DCO training with reduced hours of training 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 from the consigning unit must inspect dangerous goods prior accomplishing and signing the transport document, stating that the contents of the consignment are fully and accurately described by the proper shipping name and classified and marked, labeled/ placarded and all respects in proper condition for transport according to the applicable international and national governmental regulations. **Note:** Carriage of DG in a multi-modal 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 Ramstein AB to Morón AB), delete and replace the 24-Hour emergency assistance telephone number, shown on 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 also 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 15** 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 15** 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 **16 – 19**, as referenced in brackets below:

7.2.4.1. Tank-Vehicle carrying Diesel Fuel (**Attachment 16**).

7.2.4.2. Empty Tank-Vehicle not purged (**Attachment 17**).

7.2.4.3. Ammunition & Explosives (**Attachment 18**).

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 19**). **Note:** Samples listed in the attachments show the necessary entries in the transport documents in German and English language. This requirement may be waived if the transport takes place within Germany only and a waiver for the entry in the English language only has been approved by the national competent authority. Contact the IDGA for information, if required.

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 to carry 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 and after loading.

7.4.2. Inspection requirements of DD Form 626 must be met at point of origin.

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 IAW section 5.4.2 of ADR, RID and IMDG-Code must be prepared by the Loader, when DG is loaded into 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 visually 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' if threshold limits for the carried DG, listed in [Attachment 2](#) are exceeded. **(T-0).**

7.8. Identity Card (ID Card). Means of identification, which include a photograph, for each member of the vehicle crew, IAW 1.10.1.4, ADR. **(T-0).**

7.9. ADR Driver Training Certificate. 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 a training course IAW [Chapter 8.2](#) ADR and passed an examination on the requirements that have to 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 vehicle 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 expired (this must be considered during operations and deployments). **(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. DGMP Pamphlets. 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 13](#). **Notes:** All the above documents must be kept within the reach inside the vehicle cab. Checklist I/A shown in [Attachment 3](#) may be used for vehicle inspections to ensure compliance with [Chapter 7](#).

Chapter 8

HAZARD COMMUNICATION CONCERNING CLASSIFICATION, LABELING AND PACKAGING OF HAZARDOUS MATERIAL

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 hazardous material (chemical substances and mixtures). The requirements for hazard communication in the form of labeling is 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 Hazardous Materials in EU/COM AOR. (GE-only) IAW FGS-Germany the following applies; unless handled by local national employees, individual containers of hazardous materials 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 Sheets (SDS). Work areas must maintain a 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-AFAFRICAI 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]:

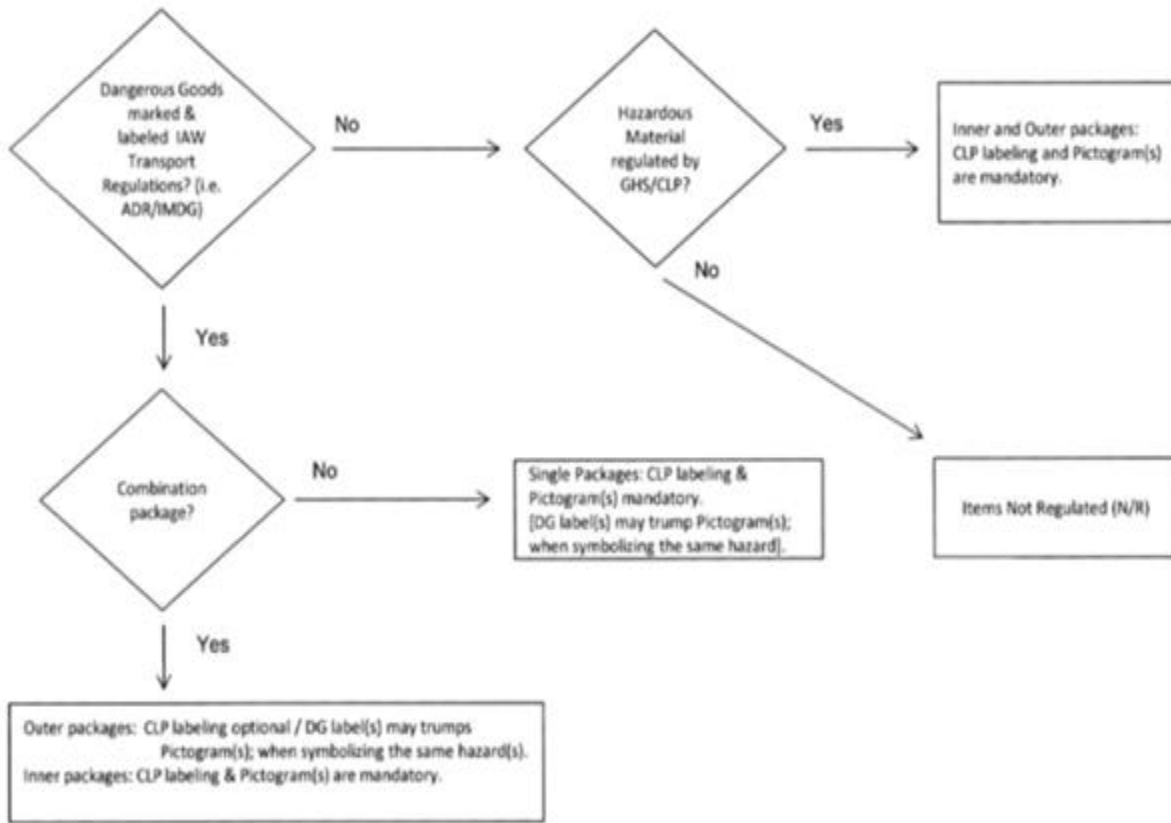
- 8.3.1.1. Product Identifier; Article 18, CLP / Part 1910.1200(f)(1)(i), OSHA.
- 8.3.1.2. Hazard Pictograms; Article 19, CLP / Part 1910.1200(f)(1)(iv), OSHA.
- 8.3.1.3. Signal Words; Article 20, CLP / CLP / Part 1910.1200(f)(1)(ii), OSHA.
- 8.3.1.4. Hazard statements; Article 21, CLP / CLP / Part 1910.1200(f)(1)(iii), 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](#) for CLP labeling and pictograms requirements.

Figure 8.1. CLP – Article 33 – Decision.



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 continuous level of quality. Inspection checklists listed below shall be used for assistance and as aids during inspections conducted by certifying officials and/or other responsible personnel, verifying dangerous goods are properly identified, prepared, documented, and carried. Follow guidance outlined in this instruction and use checklists and pamphlets as described in Attachments **3 to 14**. Electronic copies of below checklists are available at the IDGA office and may be provided 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 that can be sanctioned by enforcement agencies in Europe are listed in **Attachment 28**.

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 in 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. 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 need 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 8**); supplements checklist I/A. Identifies packaging, placarding, and marking requirements.
- 9.2.7. Checklist I/G (**Attachment 9**); *Inbound Dangerous Goods*. Covers inspection items relevant for the receipt of dangerous goods.

9.2.8. Checklist II/A (**Attachment 10**); *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 reverse page).

9.2.9. Checklist II/B (**Attachment 11**); *Befoerderung 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 12**); *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. Checklist covers inspection items for drivers, carriage, documentation, packaging, vehicle, and equipment.

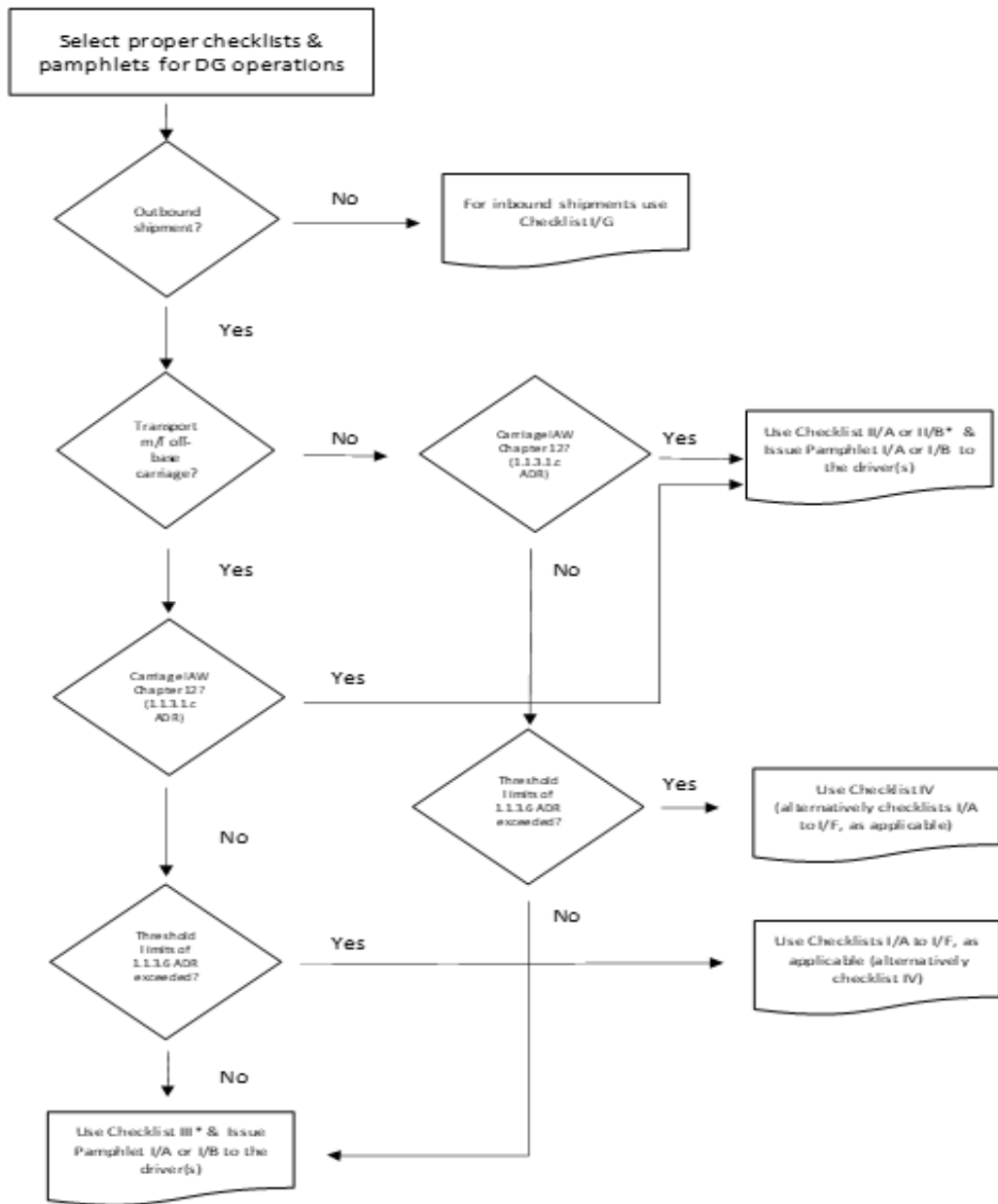
9.2.11. Checklist IV (**Attachment 13**); *Basic Dangerous Goods Inspection Checklist*. This checklist is based on European council directive 95/50/EC and German GGKontrollIV and is used by local DG enforcement agencies. This checklist contains the minimum elements for DG inspections of road transports. Use of this checklist (vs Checklists I/A to I/F) by military shipping units is optional.

9.2.12. Pamphlet I/A (**Attachment 14 – Figure A14.1**); *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.

9.2.13. Pamphlet I/B (**Attachment 14 – Figure A14.2**); *Verhalten bei einem Unfall oder Notfall*, German language version of Pamphlet I/A.

9.2.14. Maritime transportation. A checklist for the safe packing 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 available for download. CTU checklist supplements above checklists and may be used for carriage of DG in a transport chain including maritime carriage. <https://unece.org/transportintermodal-transport/imoilounece-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 Ramstein AB and associated GSUs, surface road movements of DG 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 small 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* are not exceeded, and package is properly marked and labeled according to *ADR* and/or *GHS/CLP*. **Note:** Transport documents are not required for the carriage of DG in Tanks/Tank-vehicles if the required UN- and Hazard Identification Numbers are displayed 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 Hazardous Material according to IATA-DGR or AFM 24-604 may be used as Transport Documents. Additional information required by the *ADR* are not required in the Shipper's Declaration for Dangerous Goods.

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

10.2.1. The quantity limits per vehicle specified in 1.1.3.6.3, *ADR* must not be exceeded.

10.2.2. Total quantity of DG per package must not exceed the limits for limited quantities described in Chapter 3.4 of the *ADR*.

10.2.3. 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).

10.2.4. Packaging must be suitable and in proper condition, tight, not damaged.

10.2.5. Measures must be taken to prevent movement, damage, and leakage of contents during transportation.

10.2.6. DG shall be carried directly from place of origin to the unit without delay.

10.2.7. DG must be marked and labeled IAW *ADR* or *CLP*.

10.2.8. 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).

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 Ramstein 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. Sub-section 1.1.3.1 c). Units must comply with limits and standards described in attached checklists (**Attachments 10 & 11**).

11.1.1.2. Sub-section 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 duties and responsibilities of the functional elements described in **Chapter 13**. GSUs located outside Germany comply with USAFE-AFAFRICAI23-104 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. Sub-section 5.1.2.1.a) (i). The term ‘OVERPACK’ may be marked in English language only (on outside package).

11.1.1.6. Sub-section 5.4.1.1. 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. Sub-section 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.** Fire-Extinguishers according to 8.1.4.4, *ADR* must be re-inspected every two years by competent authority. **(T-0)**.

11.2.4. **GE-only.** IDGA will inform the units on any additional waivers/restrictions that may apply to the carriage of DG in Germany, as chances 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 which don't possess a valid certificate of approval (e.g., USAFE-AFAFRICA Form 68) according to USAFE-AFAFRICAI 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 & 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 labelling 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 23](#) have been met. Units wanting to benefit from below derogations must ensure compliance with the terms of the waivers. The General Dangerous Goods Exemptions are temporary and revocable by host nation competent authority (HNCA). IDGA will inform units on 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 23](#) of this instruction for detailed description and applicability of these exemptions. Additional ‘single’ derogations may be granted upon request for a limited period 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). **Note:** German versions of above waivers are available at the IDGA office.

11.6. Guidelines Verifying the Gross Weight of Loaded Containers. The gross weight of large containers (e.g., 20’ ISOs or MILVANs) carried in a multimodal transport chain marked for sea-

lift 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 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 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 was 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. 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 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 imbedded in unit SOP/OI to ensure compliance with 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 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 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 14** and **Attachment 14** 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, Sub-section 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 short circuit or other damage. If the batteries remain in the devices, a protection against short circuit 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 which are obviously damaged must not be carried and/or disposed 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., EN 12195-1:2010).

12.6.2. **GE-only.** Hazardous substances for which ADR, Special Provision CV 36 applies, or Gases of class 2 shall, whenever possible, 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.

12.6.3.2. First Aid Kit.

12.6.3.3. Warning Triangle.

12.6.3.4. Warning Lamp or Portable Blinking Light – mandatory on vehicles having a permissible mass exceeding 3.5 tons.

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.

12.6.3.6. Load Securing Devices (e.g., tie down straps).

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

12.6.3.8. Copy of Pamphlet I/A (**Attachment 14 – Figure A14.1**) or I/B (**Attachment 14 – Figure A14.2** German Version) - 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 OF PERSONNEL INVOLVED IN THE CARRIAGE OF DANGEROUS GOODS

13.1. General. This chapter supplements USAFEI-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 local catalogue 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 this instruction.

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 supplements the duties and responsibilities of the unit commanders and dangerous goods advisors (IDGAs and UDGAs), as outlined in USAFEI-AFAFRICAI 23-104. **Figure A26.1** and **Figure A27.1** may be used to identify 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.

13.4. 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 **Figures A26.1 and A27.1**, and **Chapter 1.3** of the *IMDG-Code*, as applicable). Employees must be trained before assuming responsibilities and must only perform functions, for which required training has not yet been provided, under 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/RID* 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 sub-sections 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* as regards carriage by road, 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 are 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 ADR/RID 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 of the ADR/RID, the consignor is informed of the dangerous good in excepted quantities stating the number of packages, except for carriage under sub-section 3.5.1.4 of ADR/RID. **(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 good 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 **chapters 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, table A, sub-section 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 of ADR/RID and a copy of the required certificates under paragraph 5.1.5.2.2 of ADR/RID 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/RID, 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 sub-section 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, sub-section 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 Paragraph 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. Content of the briefing must be documented. **(T-0)**

13.4.2.16. As 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 sub-section 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**, except for 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.

13.4.2.16.2.4. Shunting labels under section 5.3.4 of RID Ensure that the transport document contains the information specified under paragraph 1.1.4.4.5 of RID. **(T-0)**.

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

13.4.2.17.1. Dangerous Goods Authorized for seelift. 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, sub-section 2.1.1.2, section 2.2.4 or 2.3.5, sub-section 2.6.2.5, section 2.8.3, sub-section 3.1.1.4 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 or Consignment Note. For the transport of packaged dangerous goods, enter the particulars required in paragraphs 5.1.5.4.2, 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 packagings, IBCs, large packagings, 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, packagings, overpacks, IBCs, large packagings, 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 purposes which may present a risk of asphyxiation for transport if they are marked in accordance with the requirements of sub-sections 5.5.2.3 or 5.5.3.6 of the IMDG Code. **(T-0)**.

13.4.2.17.7. Documents. 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 IAW DTR Part II Paragraph 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 instructions in accordance with IMDG Code paragraph 4.1.9.1.9 and a copy of the certificates required in accordance with IMDG Code paragraph 5.1.5.2.2 are available and shall, on request of the competent authority, make available documentary evidence in accordance with paragraph 5.1.5.2.3 of the IMDG Code. (T-0).

13.4.2.17.9.3. 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, packagings including IBCs and large packagings 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 labelling 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 section 5.1.4, [paragraph 5.1.5.4.1](#), sections 5.2.1, 5.2.2, sub-section 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 labelling of overpacks containing radioactive material under paragraph 5.2.2.1.11 of ADR/RID. (T-0).

13.4.3.7. As regards carriage in a transport chain which includes maritime transport, the packer will:

13.4.3.7.1. Comply with Paragraphs **13.4.3.4** and **13.4.3.5** above. **(T-0)**.

13.4.3.7.2. Mixed Packing. Only pack together dangerous goods if this is permitted in accordance with **chapter 3.2** in conjunction with **chapter 3.3**, sub-sections 3.4.4.1, 3.5.8.2 and 4.1.1.6 and chapter 7.2 of the IMDG-Code. **(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 residues adhering to the outer surface. The loader shall not hand over a package 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 sub-section 4.1.1.1 of ADR/RID. **(T-0)**.

13.4.4.4. Empty Packages. Ensure that the provisions concerning empty packages under sub-section 4.1.1.11 in conjunction with sub-section 4.1.1.1 of ADR/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 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 sub-section 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 sub-section 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 sub-section 5.3.1.2, orange-colored plates under **paragraph 5.3.2.1.4** and the 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 sub-section 4.2.1.2, 4.2.2.3 and 4.2.3.3 and for UN MEGCs under sub-section 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 sub-sections 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 the 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 in adequately ventilated areas under special provision 314 (b) in section 3.3.1 of ADR/RID or sub-section 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 assistance of the Unit DGA, that IAW sub-section 1.8.5.1 of ADR/RID and **Paragraph 14.3** 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 sub-section 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-2)**.

13.4.4.22. As regards carriage **by rail**, the **loader** will:

13.4.4.22.1. Ensure that the provisions concerning labels and marks under sub-section 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 sub-sections 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 sub-section 4.2.1.2, 4.2.2.3 and 4.2.3.3 and for UN MEGCs under sub-section 4.2.4.3 of RID are complied with. **(T-0)**.

13.4.4.22.7. As regards **carriage in a transport chain** which includes maritime transport, **the loader** will:

13.4.4.22.8. Stowage. Only stow unpackaged articles, packagings, IBCs and large packagings 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, sub-section 4.2.3 and chapters **5** to **11** of the CTU Code have been observed. **(T-0)**.

13.4.4.22.9. Marking, Labeling and Placarding. Only offer cargo transport units for transport if the provisions on marking, labelling and placarding of **chapter 3.2** in conjunction with **chapter 3.3**, **chapter 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)**.

13.4.4.22.10. CTU Packing Certificate. Prior to handing over the goods for transport, prepare the certificate (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 sub-section 4.2.2.8 (c) and (d), 4.2.3.8 (c) to (e) as well as 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 sub-section 4.2.1.1, sub-section 4.2.2.2 in conjunction with **paragraph 4.2.2.7.1**, sub-section 4.2.3.2 in conjunction with **paragraph 4.2.3.6.1**, sub-section 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 sub-section 4.2.2.8 (b), sub-section 4.2.3.8 (b), sub-section 4.2.4.6 (a) and sub-section 4.3.3.6 (b) 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 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**, sub-section 4.2.2.8 (a), paragraphs **4.2.3.6.2**, **4.2.3.6.3**, **4.2.3.6.4**, sub-section 4.2.3.8 (a), paragraphs **4.2.4.5.2** and **4.2.4.5.3**, the applicable special provisions in sub-section 4.2.5.3, the provisions in sub-section 4.3.2.2, paragraphs **4.3.3.2.3** and **4.3.3.2.5**, sub-section 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 sub-section 4.2.1.6 or paragraph 4.3.2.3.6 of ADR/RID adjoining tank compartments are not filled with substances which 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 an N.O.S. 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 both they and their equipment are technically in a satisfactory condition. **(T-0)**.

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-containers, portable tanks, MEGCs, and containers containing dangerous goods in bulk display:

13.4.5.17.1. Placards under sub-section 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 sub-section 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 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 sub-section 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 sub-section 7.3.2.10 of ADR are complied with. (T-0).

13.4.5.27. Accident/Incident Report. Ensure, with assistance of the Unit DGA, that IAW sub-section 1.8.5.1 of ADR and Paragraph 14.3 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. As 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 observed. (T-0).

13.4.6. The Carrier will:

13.4.6.1. Radioactive Material. Inform the consignor under sub-section 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 sub-section 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 Paragraph 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 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 sub-section 5.4.3.2 of ADR before the commencement of the journey and ensure that each member of the vehicle crew concerned understands and can carry 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 sub-section 7.5.5.3 of ADR are complied with. **(T-0)**.

13.4.6.10. Accompanying Documents. Ensure that the accompanying documents under sub-section 8.1.2.1 (a) and sub-section 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](#) and sub-section 6.9.5.3 if the transitional provision under sub-section 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 sub-section 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 sub-section 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 sub-section 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 sub-sections 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 as regards the sub-stances indicated in the ADR certificate of approval in accordance with sub-section 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 sub-section 9.1.2.1 sentence 4, when carrying dangerous goods specified under no. 10 of the ADR certificate of approval under sub-section 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 which are not subject to approval under sub-section 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, sub-section 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) apply to trailers of transport units which 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 assistance of the Unit DGA, that an accident/incident report (USAFE-AFAFRICAI Form 61) IAW **Paragraph 14.3** is submitted to the IDGA office immediately after an accident/incident has occurred. In case of a serious accident/incident contact the Ramstein IDGA office at DSN 480-5530 for investigation and assistance establishing the required report. **(T-0)**.
- 13.4.6.27. Non-compliance with Radiation Levels. IAW with sub-section 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)**.
- 13.4.6.28. 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 in adequately ventilated areas under special provision 314 (b) in section 3.3.1 or sub-section 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 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)**.
- 13.4.6.29. 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](#) **(T-0)**.
 - 13.4.6.30.2. The carriage of tank-vehicles on low-bed trailers IAW [Paragraph 11.3](#) **(T-0)**.
- 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, leaking, so that dangerous goods leak or may leak. **(T-0)**.
- 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 will comply with the permissible filling ratio or the mass of contents per liter of capacity and the permissible filling temperature, indicated by the filler, under sub-section 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 ratio of 85 per cent if the filler cannot indicate the 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 sub-section 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 sub-section 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 sub-sections 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 sub-section 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 sub-sections 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 sub-section 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 sub-sections 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) apply to trailers of transport units which 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 BrAC of 0.249 mg/l or a BAC of 0.49 per mille 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 sub-sections 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.

13.4.7.19.1. Shading from direct sunlight and from the effect of heat sources as well as placement in adequately ventilated areas under special provision 314 (b) in section 3.3.1 of ADR or sub-section 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 foodstuffs, 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)**.

13.4.7.21.1. Carriage and Handling of Tanks, Tank-Containers and Tank-Vehicles. Comply with additional safety obligations concerning: The carriage of Tanks and Tank-Container IAW **Paragraph 13.4.14** of this instruction; **(T-0)**

13.4.7.21.2. 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 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 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-2)**.

13.4.8.11. General Provisions concerning Unloading. Ensure that the provisions concerning unloading under sub-section 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 foodstuffs, 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 in adequately ventilated areas under special provision 314 (b) in section 3.3.1 of ADR/RID or sub-section 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-AFAFRICAI Form 61) IAW **Paragraph 14.3** is submitted to the IDGA office immediately after an accident/incident has occurred. In case of a serious accident/incident contact the Ramstein IDGA office at DSN 480-5530 for investigation and assistance establishing 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 sub-section 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, 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 assistance of the Unit DGA, that an accident/incident report (USAFE-AFAFRICAI Form 61) IAW **Paragraph 14.3** is submitted to the IDGA office immediately after an accident/incident has occurred. In case of a serious accident/incident contact the Ramstein IDGA office at DSN 480-5530 for investigation and assistance establishing the required report. **(T-0)**.

13.4.9.3. Non-Compliance with Radiation Levels. IAW with sub-section 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 (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

13.4.9.4.1. placement in adequately 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. (T-0)

13.4.10. The Unit Commander will:

13.4.10.1. Comply with duties and responsibilities described in USAFE-AFAFRICAI 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 provisions 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 and DCOs are signed and current. Appointment orders with signatures 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 DCOs at the same time, due to conflict in interest and function. (T-3).

13.4.10.8. Training of Personnel. Thru 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 20**. Ensure through the UDGA that the annual report is submitted to the IDGA no later than 15 December each year. **(T-0)**.

13.4.10.10. Accident and Incidents. Compliant to **Chapter 14**, ensure in case of an incident/accident that the UDGA compiles data required in 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. 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 an 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 sealift. That certificate must be issued by the competent authority, or the body designated for that purpose by 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 by 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' 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 as least once a year. If required, coordinate stand-alone inspections with the applicable IG office. (T-2).

13.4.11.11. Emergency Procedures. IAW [Paragraph 1.2.3.1](#) provide 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 checklist IAW [Attachment 25](#) is uploaded to unit's MICT site and properly answered. Informs UDGAs on any findings immediately.

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) Team. 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 14.3](#)).

13.4.11.17. Review this instruction annually to ensure accuracy of the document.

13.4.12. The UDGA will:

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

13.4.12.2. Responsibilities. Assist Unit Commanders in executing duties described 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 unit obligations listed in [Attachment 26](#) with associated duties and responsibilities described in [Chapter 13](#). Ensure thru internal procedures and processes that personnel involved in the carriage of DG is aware of duties and responsibilities described 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 31](#). (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 drivers may be obtained thru the IDGA office upon request, as described in **Paragraph 6.4**.

13.4.12.6. HAZCOM Training. Ensure that the unit HAZCOM training includes training elements 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 craftsman 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 sample shown in **Attachment 31** 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 & 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. Accident and Incidents. Ensure personnel is aware of actions to be taken in case on an incident/accident, described in **Chapter 14** and **Attachment 14**. If required, use USAFE-AFAFRICA FM 61 to prepare an accident/incident report IAW **Paragraph 3.3** and coordinate with the Ramstein IDGA office. (T-0).

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

13.4.12.14. Annual Dangerous Goods Advisor Report. Ensure that the Annual DGA Report (on USAFE-AFAFRICA FM 60) is accomplished according to samples and steps described in **Attachment 20**, 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** ensure that equipment and fire-extinguishers required and described in **Chapter 5** are available on vehicles carrying HM. (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 14.3**.

13.4.12.18. Deployment. Contact the Unit Deployment Manager (UDM) for required Hazmat qualifications of personnel scheduled for deployment. Request training according to **Figure 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 30**. The Unit DGA binder may be maintained manually or virtually (e.g., UDGA SharePoint Site). (T-3).

13.4.12.20. ADR Certified Vehicles. Ensure that USAFE-AFAFRICA FM 68, Certificates of Approval for Vehicles carrying certain Dangerous Goods for vehicles assigned to the unit are on file. Keep track of 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 internal inspections on USAFE-AFAFRICA FM 63. Inform the unit commander of any deficiencies identified during internal inspections that could affect unit operations.

13.4.12.22. DGA 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 and 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 similar to the sample of the 'Betriebs-anweisung (operating instruction IAW German GefStoffV)' shown in **Attachment 29**, are posted next to loading/unloading areas of dangerous goods. VAs 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 checklist listed **Attachment 25** is uploaded to the unit's MICT home and frequently assessed, as directed.

13.4.12.27. Replacements of UDGAs, DCOs and ADR drivers. Ensure, NLT three month prior to PCS or retirement that a successor for the leaving UDGA, DCO or ADR drivers are 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 Paragraphs [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. 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 3.1](#) 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 proper 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](#) – [13](#).

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 15](#). For required information in transport documents used for the carriage in a transport chain that also includes maritime or rail, see also 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 3.1.9](#) 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 3.1.5](#) (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 3.1.11](#) (T-0).

13.4.13.14. Large Containers. Comply with [Paragraph 11.6](#) to verify the total gross weight of a loaded container (e.g., 20' ISOs or MILVANS) when scheduled to be carried in a multimodal transport chain including sea-lift 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. 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 ADR 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 sub-section 4.2.1.5 of ADR/RID; (T-0)

13.4.14.1.3. The placards and marks required under sub-section 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, MEGCs, bulk containers and flexible bulk containers comply with the provisions concerning use, construction, items of equipment and marking under sub-section 4.2.1.2, 4.2.2.3, 4.2.3.3, 4.2.4.3, **paragraph 4.3.2.3.2**, sections 6.7.2, 6.7.3, 6.7.4, 6.7.5, sub-sections 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, sub-sections 6.11.3.1, 6.11.3.2 and 6.11.3.4 and sections 6.11.4 and 6.11.5 of ADR/RID with the exception of the substances and gases being carried which are to be indicated by the filler; **(T-0)**.

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 sub-section 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**, sub-sections 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 re-quest and made available to the expert under paragraph 4.3.2.1.7 of ADR. **(T-0)**

Chapter 14

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

14.1. 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 of 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 driver's language and readily available in the vehicle cab.

14.2. Procedures. Except for **Paragraph 14.3**, the actions to be taken in case on 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:

- 14.2.1. Whenever possible, park the vehicle in a safe area, clear of traffic and as far away as possible from inhabited buildings and populated areas.
- 14.2.2. Drivers of a 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.
- 14.2.3. Apply the parking brakes and turn off the engine.
- 14.2.4. Whether day or night, activate the hazardous lights.
- 14.2.5. Activate the battery master switch (if available).
- 14.2.6. Put on the warning vest (each member of the crew).
- 14.2.7. Secure (disconnected) trailers without braking devices with wheel chocks.
- 14.2.8. Display traffic triangle (and, if available also traffic cones or portable flashing lights) at the roadside at the following distances from the scene of the incident.
 - 14.2.8.1. Approximately 50m/164ft; within a town.
 - 14.2.8.2. Approximately 100m/328ft; outside a town.
 - 14.2.8.3. Between 150m/492 ft–400m/1312ft on the Autobahn.
- 14.2.9. Provide first aid to people injured (use vehicle first aid kit if needed).
- 14.2.10. Use personal protective equipment (available on the vehicle) as required.
 - 14.2.10.1. Eye rinsing liquid to clean up contaminated eyes.
 - 14.2.10.2. Protective gloves to avoid direct contact with spilled substances.

- 14.2.10.3. Emergency escape mask in case of a possible leak of products marked with danger labels 2.3 (toxic gases) and 6.1 (toxic substances).
- 14.2.10.4. Eye protection (protective goggles) to avoid contact with spilled or leaking substances.
- 14.2.10.5. Portable lighting apparatus (hand lamp) for better sight, in particular during night hours, and to avoid stepping into spilled substances.
- 14.2.10.6. Drain seal, collecting container and shovel to prevent leakages into aquatic environment or the sewage system and to contain spillages.
- 14.2.11. Do not walk into or touch spilled substances.
- 14.2.12. Avoid inhalation of fumes, smoke, dusts, and vapors by staying up wind.
- 14.2.13. If necessary, use portable fire-extinguishers installed on the vehicle to tackle.
 - 14.2.13.1. Fires in engine compartments, tires, and brakes.
 - 14.2.13.2. Fires in load compartments shall not be tackled by the drivers.
- 14.2.14. If necessary, contact Emergency Responders (Dial 112) and Police (Dial 110) for assistance, in particular 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.
 - 14.2.14.1. What has happened (e.g., accident or loss of product).
 - 14.2.14.2. Where did it happen (exact location).
 - 14.2.14.3. How many people are injured.
 - 14.2.14.4. What types of injuries.
- 14.2.15. Keep the dangerous goods transport document ready to provide the following information to the responders upon request.
 - 14.2.15.1. UN No. of Dangerous Goods (DG) loaded/filled into the vehicle/tank.
 - 14.2.15.2. Proper Shipping Name of the goods loaded/filled.
 - 14.2.15.3. Corresponding Label Model No. and/or Class of DG.
 - 14.2.15.4. Packing Group (either I, II, III or N/A [if blank]).
 - 14.2.15.5. Don't hang up – wait for possible additional questions.
- 14.2.16. Avoid sources of ignition, do not smoke, use electronic cigarettes or similar devices or switch on any electrical equipment.
- 14.2.17. Direct unauthorized personnel not involved to stay away from the scene of incident.
- 14.2.18. Upon arrival provide general awareness to the rescue team, fire-fighters or police and follow their instructions.
- 14.2.19. Upon request of the emergency services, the dangerous goods transport document (IAW ADR Chapter 5.4) must be handed over to them.

14.2.20. Contact your shop supervisor, IDGA and Military Police for awareness and support, as necessary.

14.2.21. Remove any contaminated clothing and dispose it safely.

14.3. Accident/Incident Reports. In case of a serious accident or incident, as described in subsection 1.8.5.1 of the ADR, immediately contact the Unit DGA and the Ramstein IDGA office at DSN 480-5530 for investigation and assistance establishing the required accident/incident report (USAFE-AFAFRICAI Form 61). **(T-0)**

OTIS C. JONES, Brig General, USAF
Commander, 86th Airlift Wing

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

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

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

DESR 6055.09_AFMAN 91-201, USAFE-AFAFRICA Supplement, *Explosives Safety Standards*, 06 Jan 2021

CFR49, Parts 100 to 185, *Transportation*, 28 Jun 17

DOD 4500.9-R, Part II, *Defense Transportation Regulation (DTR)*, 01 May 2014

86TH AW 10-2, *Installation Emergency Management Plan*, 07 Aug 2022

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

Prescribed Forms

None

Adopted Forms

DAF Form 847, *Recommendation for Change of Publication*, 22 Sep 2009 AF Form 55, *Employee Safety and Health Record*, 10 Jul 2013

DD Form 1384, *Transportation Control and Movement Document*, 1 Oct 2000 DD Form 2890, *DoD Multimodal Dangerous Goods Declaration*, 1 Sep 2015 SF 182, *Authorization, Agreement and Certification of Training*, 1 Dec 2006

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 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

ECD—European Cleaning Document

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 Sheet

HWSA—Hazardous Waste Storage Areas

IATA-DGR—International Air Transport Association- Dangerous Regulation

IDGA—Installation Dangerous Goods Advisor

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 Zulassung Ordnung (German Traffic Registration Regulation)

PSN—Proper Shipping Name

PPE—Personal Protective Equipment

QTY—Quantity

RSEB—Richtlinie Strasse, Eisenbahn, Binnenschifffahrt (Host nation guidelines for using the GGVSEB)

SA—Supplementary Agreement

SDS—Safety Data Sheet

TCMD—Transportation Control and Movement Document (DD Form1384)

U.N.—United Nations

UN Number—Four-figure identification number of the substance or article taken from the Unit Model Regulations

U.S.—United States

UDGA—Unit Dangerous Goods Advisor

UDM—Unit Deployment Manager

URSO—Unit Radiation Safety Officer

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)—USAFE-AFAFRICA 23-104.

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

Dangerous Goods—Same as Hazardous Material (line with this instruction).

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

Dangerous Goods Certifying Official (DCO)—DCOs certify in writing (e.g., by signing the transport document) that the contents of a HAZMAT consignment comply with dangerous goods & safety regulations.

Dangerous Goods Management Plan (DGMP)—RABI 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 and hazardous waste regulated by ADR, RID and IMDG-Code.

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

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 focus of the DG Program is on the head of the organization, who has overall responsibility. For USAFE-AFAFRICA 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. IAW this instruction, unit commanders are primarily squadron commanders. However, when a UDGA is appointed at the group level, the provisions for the unit commander also apply to the group commander.

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

LIST OF DANGEROUS GOODS FOR WHICH A ROUTING PERMISSION IS REQUIRED (GE-ONLY)

Figure A2.1. List of Dangerous Goods for which a Routing Permission is required.

No.	Class/Sub-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-AFAFRICA 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 4

RAMSTEIN AB, DGMP CHECKLIST I/B

Figure A4.1. Ramstein AB DGMP Checklist I/B (Front).

ROAD TRANSPORTATION OF DANGEROUS GOODS (on/off Base)
 Inspection Ref. No. _____

ADR Transport Document (Ref.: Chapter 5.4, ADR)

The following information may be entered in the transport document

Description	OBO ¹	Inspection Status		
		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
1. General Information				
a. UN Number	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
b. Waste (PSN preceded by the word "WASTE")	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
c. Proper shipping name (PSN)	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
d. Technical name in brackets ²	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
e. Classification code or label model number	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
f. Sub-risk label model number(s) in brackets when assigned	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
g. Packaging Group when assigned	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
h. Tunnel restriction code (as required)		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
i. Above entries in proper sequence ³	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
j. Number & description of packages		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
k. Total quantity (volume, gross or net weight mass) of each dangerous goods item bearing a different UN No., PSN or packing group		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
l. Consignor (Name and Address)		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
m. Consignee (Name and Address)		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
n. Statement "Environmentally Hazardous" (engl. language only is authorized) ⁶	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
o. Statement "Carriage in accordance with 1.1.4.2.1" ⁹		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
p. Statement for empty, un-cleaned packages, tanks-vehicles etc. ¹⁰		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
q. Statement "Salvage Packaging" (if used)		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
2. Additional or Specific Information				
a. Entries in proper language ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
b. Information in Transport Document must be legible	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
c. Signature of certifying official, and date signed	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
d. Declaration as required by terms of any special agreement ⁷		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
e. Statement of classification or packaging approval (Class 1) ⁸		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
f. Class 6.2: Name and phone number of responsible person (consignee)		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A

I. Remarks:.....

II. Inspector:.....
 Name (print) Signature Date

[See reverse page for NOTES]

Figure A4.2. Ramstein AB DGMP Checklist I/B (Reverse).NOTES:

ADR = European 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

RAMSTEIN AB DGMP CHECKLIST I/C

Figure A5.1. Ramstein AB 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	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 DGA Checklist ID 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, 8

* Includes all class 1 divisions (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

AB DGMP CHECKLIST I/D

Figure A6.1. Ramstein 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	Extinguisher 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 <input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
b. > 3.5 ≤ 7.5 tons	2 x	8 kg	2 kg	6 kg	SAT <input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
c. > 7.5 tons	2 x	12 kg	2 kg	6 kg	SAT <input type="checkbox"/> UNSAT <input type="checkbox"/> 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 (IAW 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 an 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

RAMSTEIN AB DGMP CHECKLIST I/E

Figure A7.1. Ramstein AB DGMP Checklist I/E (Front).

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 DGA Checklist I/A Block 5.) (See reverse page for Notes)																				
Table A																				
Labels 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	7 A, B, C	8	9		
1											d								b	
1.4		See 7.5.2.2				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1.5																			b	
1.6																			b	
2.1, 2.2, 2.3		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
3		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
4.1		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
4.1 + 1								X												
4.2		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
4.3		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
5.1		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
5.2		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
5.2 + 1													X							
6.1		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
6.2		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
7A, B, C		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
8		*			X	X	X		X	X	X	X		X	X	X	X	X	X	
9		*	*	*	X	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		*								X
C			X	X	X		X				*	X
D			*	X	X	X	X				*	X
E				X	X	X	X				*	X
F						X						X
G				X	X	X	X					X
H								X				X
J									X			X
L										*		
N				*	*	*					*	X
S			X	X	X	X	X	X	X		X	X

Figure A7.2. Ramstein AB DGMP Checklist I/E (Reverse).

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

- ^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 Nos. 2990, 3072 and 3268).*
- ^c *Mixed loading permitted between air bag inflators, or air bag modules, or seat-belt pretensioners of Division 1.4, compatibility group G, (UN No. 0503) and air bag inflators or air bag modules or seat-belt pretensioners 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 Nos. 1942 and 2067) and alkali metal nitrates and alkaline earth metal nitrates provided the aggregate is treated as blasting explosives under Class 1 for the purposes of placarding, segregation, stowage and maximum permissible load. Alkali metal nitrates include caesium 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 (UN 1446), beryllium nitrate (UN 2464), calcium nitrate (UN 1454), magnesium nitrate (UN 1474) and strontium nitrate (UN 1507).*

Table B

- ^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 risk 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 groups C, D or E, the articles of compatibility group N should be considered as having the characteristics of compatibility group D.*
- ^d *Packages 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

RAMSTEIN AB DGMP CHECKLIST I/F

Figure A8.1. Ramstein AB DGMP Checklist I/F (Front).

ROAD TRANSPORTATION OF DANGEROUS GOODS (off Base)			
Inspection Ref. No. _____			
Packaging, Placarding & Marking			
	OBO	Inspection Status	
1. Packaging			
a. Package complies with packaging instruction		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT
b. Packaging Codes (Ref.: 6.1.3.1, ADR)		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
c. Weight limits of packages not exceeded	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT
d. Period of use for plastic containers not exceeded ¹	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
e. Have measures been taken to prevent leakage of contents ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
f. Packing of Class 2 items IAW 4.1.6.8, ADR ⁷	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
g. Marking and labeling of packages			
(1) UN Number	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT
(2) "OVERPACK" marking (Ref.: 5.1.2, ADR)	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(3) "SALVAGE" marking (Ref.: 5.2.1.3, ADR)	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(4) Orientation arrows (Ref.: 5.2.1.10, ADR) ⁷	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(5) Proper Shipping Name for Class 1 (ammo & explosives)	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(6) Proper Shipping Name for Class 2 (gases)	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(7) PSN supplemented with technical name (IAW 5P 274 of 318)		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(8) Hazard labels (Ref.: Chap 5.2, ADR)	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT
(9) Environmentally hazardous marking ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
(10) IBCs and large packagings marked & labeled on two opposite sides	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
h. GHS/CLP or OSHA markings (Ref.: EG 1272/2008, Art. 33) ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
2. Placarding & Marking (Ref.: Chap 5.3, ADR)			
a. Orange colored plate marking (Ref.: Section 5.3.2, ADR) ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT
b. Orange colored plates showing Hazard ID and UN No.s on tank-vehicles (Ref. 5.3.2.1, ADR) ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
c. Proper placards affixed on all four sides of the container ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
d. Proper placards affixed on both sides and the end of the vehicle ⁴	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
e. Proper placards affixed on both sides and the end of the tank-vehicle ¹⁰	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT
f. Most dangerous division outlined on placards for mixed loads of Class 1 ⁸		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
g. Compatibility groups (CG) not indicated on placards for loads with mixed CG ¹⁸		<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
h. Environmentally hazardous substance mark affixed on containers & tank-vehicles ¹⁸	X	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT <input type="checkbox"/> N/A
Remarks:.....			
Inspector:.....			
Name (print)	Signature	Date	
[See reverse page for NOTES]			

Figure A8.2. Ramstein AB DGMP Checklist I/F (Reverse).

NOTES:

OBO = On Base Only (minimum requirement - applies to the carriage of dangerous goods (DG) within fenced boundaries of military installations)
 ADR = European 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 PPB1).
- 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 5.
- 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, 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 Note ⁸. Review SDS for classification details.

Figure A9.2. Ramstein AB DGMP Checklist I/G (Reverse).**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. In this case, "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 packagings, 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 10

RAMSTEIN AB DGMP CHECKLIST II/A

Figure A10.1. Ramstein AB DGMP Checklist II/A (Front).

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 ¹²	<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 ¹³ 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) ³	<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 ⁵	<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 ⁶	<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 ⁹	<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
VI. Inspector.....			
Name (print)	Signature	Date	
[See reverse page for NOTES]			

Figure A10.2. Ramstein AB DGMP Checklist II/A (Reverse).**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 packagings, including IBCs and large packagings, 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. catalysing 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 11

RAMSTEIN AB DGMP CHECKLIST II/B

Figure A11.1. Ramstein AB DGMP Checklist II/B (Front).

Befoerderung von Gefahrgut ueber die Strasse i.v.m. 1.1.3.1 c), ADR (on/off Base) ¹			
I. Inspektionsort:.....	II. Datum:.....	III. Uhrzeit:.....	
IV. Fahrzeugkennzeichen:.....	V. Fahrer:.....		
1. Fahrer			
a. Gueltiger Fuehrerschein	<input type="checkbox"/> JA ¹³	<input type="checkbox"/> NEIN ¹⁴	<input type="checkbox"/> N/Z ¹⁷
b. Fahrer wurde ueber das gefaehrliche Gut und Freigrenzen (gemaess Nr. 2) unterwiesen	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
c. Fahrer wurde ueber die bei einem Unfall oder Notfall zu ergreifenden Notfallmassnahmen unterwiesen	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
d. Fahrer wurde ueber das Rauchverbot informiert ¹²	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
2. Befoerderung (folgende Mengengrenzen duerfen nicht ueberschritten werden)			
a. Maximal 450 Liter je Verpackung	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
b. Festgesetzte Hoechstmengen gemaess 1.1.3.6.3, ADR	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
c. Stoffe der Unterklasse 1.1 – 1.4; 3 kg total NEM ¹⁵ je Befoerderungseinheit	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
d. Artikel der Unterklasse 1.1 – 1.3; 5 kg Bruttomasse je Befoerderungseinheit	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
e. Unterklasse 1.4; 50 kg Bruttomasse je Befoerderungseinheit	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
f. Radioaktive Stoffe (Klasse 7); Transport nicht erlaubt	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
g. Maximal 1 kg Nettomasse je Befoerderungseinheit fuer die folgende Stoffe und Gegenstaende:			
(1) Klasse 4.1; Desensibilisierte explosive feste Stoffe ²	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
(2) Klasse 4.1; Selbstzersetzliche feste u. fluessige Stoffe ³	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
(3) Mit selbstzersetzlichen Stoffen verwandte Stoffe der Klasse 4.1 ⁴	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
(4) Klasse 4.2; Stoffe der Verpackungsgruppen I & II	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
(5) Klasse 4.3; Stoffe der Verpackungsgruppen I & II	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
(6) Klasse 5.1; Stoffe der Verpackungsgruppen I	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
(7) Klasse 5.2; Alle Substanzen	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
3. Verpackungsvorschriften			
a. Massnahmen gegen Austreten des Inhalts der Verpackung ¹¹	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
b. Allgemeine Verpackungsvorschriften gemaess 4.1.1.2, ADR ⁵	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
c. Vorschriften fuer die Zusammenpackung; 4.1.1.6, ADR ⁶	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
d. Allgemeine Verpackungsvorschriften der Klasse 2; 4.1.6.8, ADR ⁷	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
e. Bezettelung and Markierung gemaess ADR & OSHA ⁸	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
4. Fahrzeug & Ausruestung			
a. Offene oder belueftete Fahrzeuge gemaess Sondervorschrift CV36 ⁹	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
b. Fahrzeugtyp fuer den Transport von Gefahrgut geeignet ¹⁰	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
c. Zulaessiges Gesamtgewicht nicht ueberschritten	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
d. Ladung wurde gegen Verrutschen gesichert	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
e. Warnweste ¹⁴	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
f. Erste Hilfe Kasten	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
g. Warndreieck	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
h. Warnleuchte (fuer Fahrzeuge > 3,5 t zul. Gesamtgewicht) ¹⁴	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
i. Unterlegkeil (fuer Fahrzeuge > 4,0 t zul. Gesamtgewicht) ¹⁴	<input type="checkbox"/> JA	<input type="checkbox"/> NEIN	<input type="checkbox"/> N/Z
VI. Inspector:.....			
Name (print)	Signature	Date	
[Siehe Rueckseite fuer Bemerkungen]			

Figure A11.2. Ramstein AB DGMP Checklist II/B (Reverse).

Bemerkungen:

¹ Gemaess Unterschnitt 1.1.3.1.c), ADR betrifft die Kontrolliste nur Befoederungen von Gefahrguetern, welche von den Einheiten in Verbindung ihrer Haupttaetigkeit durchgefuehrt werden (z.B. Lieferungen zum direkten Verbrauch auf Baustellen – z.B. Farbe im Fahrzeug des Malers). Befoederungen zur internen oder externen Versorgung des Unternehmens fallen nicht unter die Ausnahme.

² Desensibilisierte explosive feste Stoffe der Klasse 4.1 (Klassifizierungscode 'D' or 'DT')

Definition: Desensibilisierte explosive feste Stoffe sind Stoffe die mit Wasser oder Alkoholen angefeuchtet oder mit anderen Stoffen verdunnt sind, um ihre explosiven Eigenschaften zu unterdruecken. 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. fluessige Stoffe der Klasse 4.1 (Type B – F; Type A ist fuer den Transport verboten). Beispiele fuer selbstzersetzliche feste u. fluessige 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 gefaehrlichen Guetern in Beruehrung kommen:

- a) dürfen durch diese gefaehrlichen Gueter nicht angegriffen oder erheblich geschwaecht werden,
- b) dürfen keinen gefaehrlichen Effekt ausloesen, z.B. eine Reaktion mit den gefaehrlichen Guetern, und sofern erforderlich müssen sie mit einer geeigneten Innenauskleidung oder -behandlung versehen sein.

Bsp: Die zulaessige Verwendungsdauer fuer Faesser/Kanister aus Kunststoff betraegt 5 Jahre bzw. 2 Jahre fuer Stoffe der UN 1790 & UN 2031; Ref.: 4.1.1.15, ADR

⁶ Gefaehrliche Gueter dürfen nicht mit gefaehrlichen oder anderen Guetern zusammen in dieselbe Aussenverpackung oder in Grossverpackungen verpackt werden, wenn sie miteinander gefaehrlich 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 Versandstuecken sichtbar bleiben. Einzelne Versandstuecke (oder Innenverpackungen, die aus der Aussenverpackung entnommen wurden) sollten zumindest Piktogramme und Kennzeichnungen nach US OSHA oder Europaemischem CLP (EG 1272/2008) aufweisen.

⁹ Gefahrgueter, fuer welche die Sondervorschrift 'CV36' gilt (Spalte 18, Tabelle A des Kapitels 3.2, ADR), sowie Gase der Klasse 2 sollten in offenen oder beluefteten Fahrzeugen (und von Ladeflaeche getrennter Fahrzeugkabine) befoedert werden.

¹⁰ Der Fahrzeugtyp muss fuer die Befoederung von Gefahrgut geeignet und zugelassen sein; z.B.: Gedeckte oder bedeckte Fahrzeuge fuer die Befoederung von naesempfindlichen Material/Verpackungen, geeignete Zurrpunkte fuer das Anbringen von Zurrgurten (zur Ladungssicherung) etc.. Private PKWs sind fuer die Befoederung von Gefahrguetern nicht zugelassen.

¹¹ Es sind Maßnahmen zu treffen, die unter normalen Befoederungsbedingungen ein Freiwerden des Inhalts verhindern. Die Verpackungen müssen unbeschädigt, sauber und ohne aeußere Anhaftungen sein. Die Verpackungen müssen gemaess den vom Hersteller gelieferten Informationen verschlossen und gegen unbeabsichtigtes Austreten gesichert sein.

¹² Absolutes Rauchverbot gilt waehrend dem Be- und Entladen, sowie beim Transport von Gefahrguetern in Fahrzeugen.

¹³ NEM = Netto Explosivmasse

¹⁴ Erforderlich beim Verlassen des Flugplatzgelaendes (Ref.: STVZO bzw. STVO)

^{15/16/17} Fuer alle Antworten gilt: JA = vorschritfenkonform / NEIN = nicht vorschritfenkonform / N/Z = nicht zutreffend

Attachment 12

RAMSTEIN AB DGMP CHECKLIST III

Figure A12.1. Ramstein AB DGMP Checklist III (Front).

ROAD TRANSPORTATION OF DANGEROUS GOODS IAW 1.1.3.6, ADR (on/off Base) ¹			
I. Loader/Consignor.....		II. Date.....	
		III. Time.....	
IV. License plate of vehicle.....		V. Driver.....	
1. Driver	Inspection Status		
a. Possesses a valid vehicle driver license	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
b. Driver briefed on hazard characteristics of the dangerous goods	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
c. Driver briefed on threshold limits of Dangerous Goods (see No. 2 below)	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
d. Driver briefed on emergency response procedures (see No. 3.d. below)	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
e. Driver informed on no smoking rules ²	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
f. No obvious signs that the driver is unfit to drive due to drugs, alcohol or medication	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
2. Carriage			
a. Threshold limits specified in 1.1.3.6, ADR are not exceeded ³	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
b. The total calculated sum (points) of all transport categories carried on the transport unit are: ³	Points		
3. Documentation			
a. Dangerous goods transport document IAW 5.4, ADR issued to the driver	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
b. The total quantity and calculated transport categories are indicated in the transport document ⁵	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
c. The total calculated sum (points) of all transport categories is indicated in the transport document ⁵	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
d. Emergency response procedures, Pamphlet I/A or I/B issued to the driver ⁴	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
4. 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. Hazard labels affixed on packages ⁶	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
c. UN No. marked on the package ⁸	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
d. Proper shipping name marked on the package (for Class 1 and Class 2) ⁸	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
e. 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
5. Vehicle			
a. Open or ventilated vehicle required IAW Special Provision CV36 ⁹	<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	
c. Maximum permissible mass of vehicle not exceeded	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
d. Load is secured to prevent movement during carriage	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
6. Equipment			
e. Warning Vest	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
f. First Aid Kit	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
g. Warning Triangle	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
h. Warning Light (> 3.5 ton truck) ¹²	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
i. Wheel Chock (> 4.0 ton truck) ¹²	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
j. One '2 kg ABC Fire-Extinguisher' ¹³	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
VI. Inspector:.....			
Name (print)		Signature	Date
[See reverse page for NOTES]			

Figure A12.2. Ramstein AB DGMP Checklist III (Reverse).**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 RABI 23-104. 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 19 of RABI 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 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 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 13

RAMSTEIN AB DGMP CHECKLIST IV

Figure A13.1. Ramstein AB DGMP Checklist IV (Front).

BASIC DANGEROUS GOODS INSPECTION CHECKLIST			
General			
1. Place of check	2. Date	3. Time	
4. Vehicle nationality mark and registration number		
5. Trailer/semi-trailer nationality mark and registration		
6. Unit carrying out the transport/address		
7. Driver/Co-driver		
8. Consignor, address, place of loading		
9. Consignee, address, place of loading		
10. Total quantity of dangerous goods per transport unit		
11. ADR 1.1.3.6 quantity limit exceeded	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
12. Mode of transport	<input type="checkbox"/> in bulk	<input type="checkbox"/> package	<input type="checkbox"/> tank
Documents on board			
13. Transport document	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
14. Instructions in writing	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
15. Bilateral/multilateral agreement/national authorization	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
16. Certificate of approval for vehicles	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
17. Driver's training certificate	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
Transport operation			
18. Goods authorized for transport	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
19. Vehicles authorized for goods carried	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
20. Provisions related to the mode of transport (bulk, package, tank)	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
21. Mixed loading prohibition	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
22. Loading, securing of the load and handling	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
23. Leakage of goods or damage to package	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
24. UN packaging marking/tank marking	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
25. Package marking (e.g. UN no) and labelling	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
26. Tank/vehicle placarding	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
27. Vehicle/transport unit marking (orange plate)	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
Equipment on board			
28. General purpose safety equipment specified in ADR	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
29. Equipment according to the goods carried	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
30. Fire extinguisher(s)	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	<input type="checkbox"/> N/A
31. Remarks			
32. Person who conducted the inspection			
(See reverse page for NOTES)			

Figure A13.2. Ramstein AB DGMP Checklist IV (Reverse).

NOTES:		
Checklist Item No. s	References	
	ADR	RABI 23-104
Item No.s 1. - 9.	Self-explanatory	
10. Total quantity of dangerous goods per transport unit	5.4.1.1.1 f) / 5.4.1.2.1	-
11. ADR 1.1.3.6 quantity limit exceeded	1.1.3.6	2.2.3
12. Mode of transport	Self-explanatory	
Documents on board		
13. Transport document	5.4.1	7.2
14. Instructions in writing	5.4.3	7.3
15. Bilateral/multilateral agreement/national authorization	8.1.2.2 c)	7.6
16. Certificate of approval for vehicles	8.1.2.2 a)	7.10
17. Driver's training certificate	8.1.2.2 b)	7.9
Transport operation		
18. Goods authorized for transport	1.4.2.1.1 a)	2.1.2
19. Vehicles authorized for goods carried	7.2.4 & 9.1.1.2	2.1.9
20. Provisions related to the mode of transport (bulk, package, tank)	7.2.4 / 7.3.3 / 4.3.5 & 6.8.4	2.1.4
21. Mixed loading prohibition	7.5.2	2.1.8
22. Loading, securing of the load and handling	7.5.7	2.1.10
23. Leakage of goods or damage to package (visual check)	1.4.3.1.1 b)	13.4.4.2
24. UN packaging marking/tank marking	Part 6	2.1.5
25. Package marking (e.g. UN no) and labelling	5.2	2.1.5
26. Tank/vehicle placarding	5.3.1	2.1.11
27. Vehicle/transport unit marking (orange plate)	5.3.2	2.1.11
Equipment on board		
28. General purpose safety equipment specified in ADR	8.1.5.2	Chapter 5
29. Equipment according to the goods carried	8.1.5.3	Chapter 5
30. Fire extinguisher(s)	8.1.4	Chapter 5
31. Remarks	Self-explanatory	
32. Person who conducted the inspection	Self-explanatory	

Attachment 14

RAMSTEIN AB DGMP PAMPHLET I/A

Figure A14.1. Ramstein AB DGMP Pamphlet I/A.

Behavior in Case of an Accident or Incident*
(For carriage IAW 1.1.3.1.c. and 1.1.3.6 of the ADR)

- **General measures**
 - Apply the parking brakes & turn-off the engine
 - Activate the hazard warning indicators
 - Activate the battery master switch (if available)
 - Put on the warning vest
- **Securing the Accident/Incident Site**
 - 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:
 - approx. 50 m / 164 ft (within a town)
 - approx. 100 m / 328 ft (outside a town)
 - between 150 m / 492 ft – 400 m / 1312 ft (on the Autobahn)
 - Avoid sources of ignition (e.g. no smoking or e-cigarettes)
 - Do not activate any electrical devices
 - Do not walk into or touch spilled substances
 - Avoid inhalation of fumes, smoke, dusts and vapors by staying up wind
 - Advise personnel not involved to stay away from the scene of accident/incident
 - If a fire-extinguisher is available, try to tackle small fires at tires, brakes and engine compartment
 - Upon arrival, follow instructions of the official rescue team
- **First Aid Measures**
 - Provide first aid to injured people
 - Use the vehicle first aid kit as appropriate
- **Call for help**
 - Via emergency call point or mobile phone - dial **110** and provide the following info:
 - What has happened?
 - Where did it happen?
 - How many injured people?
 - What types of injuries?
 - If necessary, types of hazardous material involved in the incident?
 - Don't hang up – wait for additional back questions!
 - Upon arrival provide general awareness to the rescue team, fire-fighters or police
 - Provide names of witnesses to the Police and take pictures of the scene
 - Contact your shop supervisor and MP for awareness and support, as necessary
- **Follow-up actions**
 - Remove any contaminated clothing and dispose it safely
 - Contact your Unit DGA and the Ramstein IDGA office at DSN 480-5530 for assistance establishing the required accident report IAW RABI 23-104, Para 3.3

*Note: Copies of Atch 12 or Atch 13 (German version) must be kept readily available in the vehicle cab!

Figure A14.2. Ramstein AB DGMP Pamphlet I/B.

Verhalten bei einem Unfall oder Notfall*
(Bei Beförderung i.v.m. 1.1.3.1.c. und 1.1.3.6 des ADR)

- **Allgemeine Massnahmen**
 - Handbremse betätigen & Motor abstellen
 - Warnblinkanlage anschalten
 - Batterietrennschalter aktivieren (falls vorhanden)
 - Warnweste anlegen
- **Absicherung der Unfall- oder Notfallstelle**
 - Das Warndreieck (und, falls vorhanden, auch die Warnlampe oder Warnleuchte) am Strassenrand in folgendem Abstand von der Unfall- oder Notfallstelle positionieren:
 - Ca. 50 m / 164 ft (innerhalb von Ortschaften)
 - Ca. 100 m / 328 ft (ausserhalb von Ortschaften)
 - Zwischen 150 m / 492 ft – 400 m / 1312 ft (auf der Autobahn)
 - Zuendquellen vermeiden (z.B. keine Zigaretten oder e-Zigaretten rauchen)
 - Keine elektrische Systeme aktivieren
 - Nicht in ausgelaufene Substanzen treten oder beruehren
 - Das Einatmen von Dunst, Rauch, Staub und Daempfen durch Aufhalten auf der Wing zugewandten Seite vermeiden
 - Fordere nicht beteiligte Personen auf sich zu entfernen
 - Falls ein Feuerloescher vorhanden ist, kleine Entstehungsbraende an Reifen, Bremsen und im Motorraum bekaempfen
 - Bei Ankunft der Rettungskraefte deren Anweisungen befolgen
- **Erste Hilfe Massnahmen**
 - Verletzten Personen erste Hilfe leisten
 - Gegebenenfalls, den Erste Hilfe Kasten im Fahrzeug verwenden
- **Rettungskraefte verstaendigen**
 - Benutze eine Notrufsaecule oder mobiles Telefon - waehle **110** und melde folgendes:
 - Was ist passiert?
 - Wo ist es passiert?
 - Wieviele Verletzte?
 - Welche Arten von Verletzungen?
 - Falls erforderlich, die Gefahrgueter welche in dem Vorfall verwickelt sind?
 - Nicht auflegen – warte auf Rueckfragen!
 - Den eintreffenden Rettungsdienst, Polizei oder Feuerwehr einweisen
 - Nennen Sie der Polizei Namen von Zeugen und machen Sie Fotos vom Unfallort
 - Den Vorgesetzten und Militaerpolizei informieren und ggf. Unterstuetzung anfordern
- **Folgemassnahmen**
 - Kontaminierte Kleidung entfernen und sicher entsorgen
 - Kontaktiere deinen UDGA und das Ramstein IDGA Buero (DSN 480-5530) um Hilfe bei der Erstellung des erforderlichen Unfallberichts gemaess RABI 23-104 Para 3.3 zu erhalten

*Note: Kopien der Anhaenge 12 (englische Version) bzw. 13 sind in der Fahrzeugkabine zugaenglich aufzubewahren!

Attachment 15

TRANSPORT DOCUMENT IAW ADR

Figure A15.1. Transport Document –see Figures A15.2 for explanation of the individual steps).

MULTIMODAL DANGEROUS GOODS FORM				
Step 1		Step 3		
		3. Transport document number	4. Shipper's reference	
		Page 1 of Pages	5. Freight Forwarder's reference	
Step 2		Step 4		
		7. Carrier (to be completed by the carrier)		
		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 labeled (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) PASSENGER AND CARGO AIRCRAFT		Step 4		
10. Vessel / flight no. and date	11. Port / place of loading			
12. Port / place of discharge	13. Destination			
14. Shipping marks				
Steps 5, 6, 7, 8, 9		Step 10		
Steps 11 + 12 (Block No. 9 may be used optionally)				
15. Container identification No./ vehicle registration No.	16. Seal number (s)	17. Container/vehicle size & type	18. Tare (kg)	19. Total gross mass (including tare) (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. ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING		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	Name / Status of declarant	Place and date	Step 13	
Signature of declarant	Header's name	Vehicle reg. no.	Signature of declarant	
	Signature and date	Place and date		
	DRIVER'S SIGNATURE			

* FOR DANGEROUS GOODS: you must specify proper shipping name, hazard class, UN no., packing group (where assigned) and any other element of information required under applicable national and international regulations

Figure A15.2. Transport Document - Step by Step Instructions Completing an ADR Transport Document, 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). The six-digit Department of Defense Activity Address Code (DODAAC) may be added next to the in-the-clear geographical location of the consignee (not subject to ADR);</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 3.1.2.8.1) 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)]; - Class 7: For radioactive material enter the number '7'; - All other Classes: Enter the label model numbers given in Column (5) of Table A in Chapter 3.2 or applicable according to a special provision referred to in Column (6). When more than one label model numbers are given, the numbers following the first one shall be given in brackets [e.g. '5.1 (6.1 + 8)'].
<p>Step 8. Where assigned, the packing group for the substance which may be preceded by the letters '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>

Figure A15.3. Transport Document - Step by Step Instructions Completing an ADR Transport Document, Part 2.

<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 need not 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. PSN) 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 c);</p>
<p>Step 11. Additional Information. Verify and add information if required by the following special provisions concerning:</p> <ul style="list-style-type: none"> - Calculated value or the carriage of DG IAW table 1.1.3.6.3, as applicable (Ref.: 5.4.1.1.1.f); - Empty means of containment, uncleaned (Ref.: 5.4.1.1.6) or use of salvage packages (Ref.: 5.4.1.1.5); - Carriage in a transport chain including maritime or air carriage (Ref.: 5.4.1.1.7); - Carriage of IBCs, tanks, battery-vehicles, portable tanks and MEGCs after the date of expiry of the last periodic test or 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 packagings, 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 of Declarant (Name of the unit and DCO signing block 22). A qualified DCO of the unit releasing hazardous material into public traffic (defined as consignor IAW 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 16

TRANSPORT DOCUMENT FOR A TANK VEHICLE CARRYING DIESEL FUEL – (SAMPLE)

Figure A16.1. Transport Document for a Tank Vehicle Carrying Diesel Fuel - (Sample).

MULTIMODAL DANGEROUS GOODS FORM				
1. Shipper / Consignor / Sender 86 LRS/LGRF Bldg. XXXX 66879 Ramstein Air Base		2. Transport document number N/A		
6. Consignee Kapaun Air Station Bldg. XXXX Kaiserslautern		7. Carrier (to be completed by the carrier) 86 LRS/LGRF		
8. This shipment is within the limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT ONLY		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	14. Shipping marks * Number and kind of packages; description of goods Gross mass (kg) Net mass Cube (m³)		
12. Port / place of discharge	13. Destination	UN 1202 Diesekraftstoff, 3, III, (D/E), Umweltgefährdend [Engl.: UN 1202 Diesel Fuel, 3, III, (D/E), Environmentally Hazardous] 3000 Liters		
15. Container identification No./ vehicle registration No.	16. Seal number (s)	17. Container/vehicle size & type	18. Tare (kg)	19. Total gross mass (including tare) (kg)
20. Name of company - Name / Status of declarant - Place and date - Signature of declarant -		21. RECEIVING ORGANISATION RECEIPT Received the above number of packages/containers/trailers in apparent good order and condition unless stated hereon: RECEIVING ORGANISATION REMARKS: Hauler's name - Vehicle reg. no. - Signature and date - DRIVER'S SIGNATURE - 22. Name of company (OF SHIPPER PREPARING THIS NOTE) 86 LRS/LGRF Name / Status of declarant SSgt Joe Sample Place and date Ramstein, 30 July 2020 Signature of declarant -to be signed-		

* FOR DANGEROUS GOODS: you must specify proper shipping name, hazard class, UN no., packing group (where assigned) and any other element of information required under applicable national and international regulations

Attachment 17

TRANSPORT DOCUMENT FOR AN EMPTY, NON-PURGED TANK VEHICLE – (SAMPLE)

Figure A17.1. Transport Document for an Empty, Non-Purged Tank Vehicle - (Sample).

MULTIMODAL DANGEROUS GOODS FORM				
1. Shipper / Consignor / Sender S6 LRS/LGRDDC Bldg. 2127 66S79 Ramstein Air Base		2. Transport document number FB5612 XXXX XXXX XXX		
6. Consignee Bremerhaven Waterport Bldg. XXXX, Germany		3. Page 1 of 1 Pages	4. Shipper's reference	
		5. Freight Forwarder's reference		
8. This shipment is within the limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT		7. Carrier (to be completed by the carrier) Company XY		
		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 labeled, placarded and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		
10. Vessel / flight no. and date		9. Additional handling information Sondervorschrift 640K* [Engl.: Special Provision 640K]*		
11. Port / place of loading		*Not required for tank-vehicles coded „LGBF“		
12. Port / place of discharge				
13. Destination		14. Shipping marks * Number and kind of packages, description of goods Gross mass (kg) Net mass Cube (m ³)		
Leeres Tankfahrzeug, letztes Ladegut: UN 1202 Dieselmkraftstoff, 3, III, (D/E), Umweltgefaehrend [Engl.: Empty Tank-Vehicle, Last Load: UN 1202 Diesel Fuel, 3, III, (D/E), Environmentally Hazardous]				
15. Container identification No. / vehicle registration No.		16. Seal number (s)	17. Container/vehicle size & type	18. Tare (kg)
-		-	-	19. Total gross mass (including tare) (kg) 12000 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 ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING		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		Hauler's name	22. Name of company (if shipper preparing this note) S6 LRS/LGRF	
Name / Status of declarant		Vehicle reg. no.	Name / Status of declarant SSgt Joe Sample	
Place and date		Signature and date	Place and date Ramstein, 30 July 2020	
Signature of declarant		DRIVER'S SIGNATURE	Signature of declarant -to be signed-	

* FOR DANGEROUS GOODS, you must specify proper shipping name, hazard class, UN no., packing group (where assigned) and any other element of information required under applicable national and international regulations

Attachment 18

TRANSPORT DOCUMENT FOR A VEHICLE CARRYING AMMUNITION - (SAMPLE)

Figure A18.1. Transport Document for a Vehicle Carrying Ammunition – (Sample).

MULTIMODAL DANGEROUS GOODS FORM				
1. Shipper / Consignor /Sender 86 LRS/LGRDDC Bldg. 2127 66S79 Ramstein Air Base		2. Transport document number FV5632 XXXX XXXX XXXX		
6. Consignee Miesau Army Depot Bldg. XXX, Germany		3. Page 1 of 1 Pages	4. Shipper's reference -	
		5. Freight Forwarder's reference -		
		7. Carrier (to be completed by the carrier) US Army 6966 Bat		
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 labeled (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) PASSENGER AND CARGO AIRCRAFT		9. Additional handling information Carriage IAW German Military Waiver No. 22 (S) // Classification of fireworks by the competent authority of Germany with the firework 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. Shipping marks * Number and kind of packages, description of goods Gross mass (kg) Net mass Cube (m³)				
UN 0034 Bomben, 1.1D, (B1000C) //Unverpackt auf 10 x Palleten / Gesamt Brutto 8000 kg / Total NEW 2000 kg [Engl.: UN 0034 Bombs, 1.1D, (B1000C) //Unpacked on 10x Pallets / Total Gross 8000 kg / Total NEW 2000 kg				
UN 0334 Feuerwerkskoerper, 1.2G, (B1000C) // 10 x Stahlkisten / Gesamt Brutto 300 kg /Total NEW 30kg [Engl.: UN 0334 Fireworks, 1.2G, (B1000C) // 10 x Steel Boxes / Total Gross 300 kg / Total NEW 30kg]				
UN 0019 Munition, Augenreizstoff, 1.3G (6.1+8) //15 x Pappkisten/ Gesamt Brutto 150 kg /Total NEW 15kg [Engl.: UN 0019 Ammunition, Tear-Producing, 1.3G (6.1+8) //15 x Boxes /Total Gross 150kg/Total NEW 15kg]				
Gesamtes Nettoexplosivmasse (NEW): 2045 kg [Engl.: Total Net Explosiv Weight (NEW)]				
15. Container identification No / vehicle registration No.	16. Seal number (s)	17. Container/vehicle size & type	18. Tare (kg)	19. Total gross mass (including tare) (kg) 8450 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. ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING		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 -		22. Name of DRIVER PREPARING THIS NOTE 86 LRS/LGRDDC		
Name / Status of declarant -		Name / Status of declarant SSgt Joe Sample		
Place and date -		Place and date Ramstein, 30 July 2020		
Signature of declarant -		DRIVER'S SIGNATURE Signature of declarant -to be signed-		

* FOR DANGEROUS GOODS: you must specify proper shipping name, hazard class, UN no., packing group (where assigned) and any other element of information required under applicable national and international regulations

Attachment 19

TRANSPORT DOCUMENT FOR THE CARRIAGE OF DG NOT EXCEEDING THE THRESHOLD LIMITS OF TABLE 1.1.3.6, ADR – (SAMPLE)

Figure A19.1. Transport Document for the Carriage of DG not exceeding the Threshold Limits of Table 1.1.3.6, ADR – (Sample).

MULTIMODAL DANGEROUS GOODS FORM				
1. Shipper / Consignor / Sender 86 LRS/LGRDDC Bldg. 2127 66S79 Ramstein Air Base		2. Transport document number: FV5632 XXXXX XXXXX XXXX		
6. Consignee Spangdahlem AB Bldg. XXX, Germany		3. Page 1 of 1 Pages	4. Shipper's reference -	
			5. Freight Forwarder's reference -	
		7. Carrier (to be completed by the carrier) US Army 6966 Bat		
8. This shipment is within the limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT ONLY CARGO AIRCRAFT		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 labeled according and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		
9. Additional handling information				
10. Vessel / flight no. and date	11. Port / place of loading			
12. Port / place of discharge	13. Destination			
14. Shipping marks * Number and kind of packages; description of goods Gross mass (kg) Net mass Cube (m ³)				
UN 1263 Farzubehoerstoffe, 3, VG I, (D/E) // 5 x Faesser / Gesamt Brutto Gewicht: 12 kg (10 Liter) [Engl.: UN 1263 Paint Related Material, 3, PG I, (D/E) // 5 x Drums / Total Gross Weight: 12 kg (10 Liters)]				
UN 1263 Farbe, 3 VG II, (D/E) // 10 x Faesser / Gesamt Brutto Gewicht: 60 kg (50 Liter) [Engl.: UN UN 1263 Paint, 3 PG II, (D/E) // 10 x Drums / Total Gross Weight: 60 kg (50 Liters)]				
Berechneter Wert der gefaehrlichen Gueter (Calculated Value of DG) : Befoederungskategorie (Transport Kategorie) 1: 10 Liter x 50 = 500 Punkte (Points) Befoederungskategorie (Transport Kategorie) 2: 50 Liter x 3 = 150 Punkte (Points) Total: = 650 Punkte (Points)				
15. Container identification No./ vehicle registration No.	16. Seal number (s)	17. Container/vehicle size & type	18. Tare (kg)	19. Total gross mass (including tare) (kg) 72 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 ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING		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		22. Name of declarant (FOR PREPARING THIS NOTE)	86 LRS/LGRDDC	
Name / Status of declarant		Name / Status of declarant	SSgt Joe Sample	
Place and date		Place and date	Ramstein, 30 July 2020	
Signature of declarant		DRIVER'S SIGNATURE	Signature of declarant -to be signed-	

* FOR DANGEROUS GOODS you must specify proper shipping name, hazard class, UN no., packing group (where assigned) and any other element of information required under applicable national and international regulations

Attachment 20

USAFE-AFAFRICA FORM 60 – ANNUAL DGA REPORT

Figure A20.1. USAFE-AFAFRICA FORM 60 Annual DGA Report – Page 1 - (Sample).

COMMAND / INSTALLATION DANGEROUS GOODS ADVISOR ANNUAL REPORT		1. REPORT PERIOD 1 Oct - 30 Sep 2020		
REF. USAFEI 23-104. COMMAND DANGEROUS GOODS SAFETY PROGRAM				
2. FROM: 86 L**/LGR** Ramstein Air Base Germany		3. TO: 86 LRG/IDGA <input type="checkbox"/> COMMAND DANGEROUS GOODS ADVISOR (CDGA) <input checked="" type="checkbox"/> INSTALLATION DANGEROUS GOODS ADVISOR (IDGA) <input type="checkbox"/> UNIT DANGEROUS GOODS ADVISOR (UDGA)		
4. TYPE AND GROSS MASS OF DANGEROUS GOODS MOVED IN METRIC TONS BY HAZARDOUS CLASS				
HAZARDOUS CLASS (a)	< 5 METRIC TONS (b)	5 - 50 METRIC TONS (c)	> 50 - 1000 METRIC TONS (d)	> 1000 METRIC TONS (e)
1.1	4.55			
1.2		32.11		
1.3		40.42		
1.4			50.10	
1.5				
1.6				
2.1				
2.2	2.72			
2.3				
3				1020.33
4.1	2.20			
4.2	1.51			
4.3				
5.1	1.11			
5.2		11.52		
6.1				
6.2	0.51			
7				
8			700.21	
9				12000.20
5. REPORTABLE INCIDENTS/ACCIDENTS				
TYPE OF INCIDENT/ACCIDENT (a)	AMOUNT (b)	TYPE OF INCIDENT/ACCIDENT (a)	AMOUNT (b)	
POLLUTION / SPILL		EXPLOSION FOLLOWED BY FIRE		
FIRE		MISSING / WRONG IDENTIFICATION		
EXPLOSION		MISSING / LACK OF LOAD SECURING		
c. TOTAL				0
6. ADDITIONAL COMMENTS CONCERNING DANGEROUS GOODS SAFETY				
NOTE: The annual report must be released to Host Nation Authorities upon request. Coordination with the CDGA is required prior to releasing the information.				

Figure A20.2. USAFE-AFRICA Form 60 - Annual DGA Report – Page 2 (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			b. NUMBER OF DEFICIENCIES REPORTED AND CORRECTED		
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: 2020					
	TYPE OF TRAINING		INITIAL		REFRESHER
a.	ADR DRIVER TRAINING SLOTS SEGREGATED BY CATEGORY	BASIC	5		3
		TANK			5
		AMMUNITION			
b.	ANNUAL CDGA WORKSHOP SLOTS		0		0
c.	IDGA /UDGA TRAINING SLOTS		1		1
d.	ADR / RID / ADN CERTIFICATION TRAINING SLOTS		0		0
e.	IATA-DGR / AFMAN 24-204, <i>Preparing Hazardous Materials for Military Air Shipments</i> TRAINING SLOTS		0		0
f.	IMDG CODE CERTIFICATION TRAINING SLOTS		1		1
g.	INLAND WATER		0		0
			DRIVERS		CERTIFIERS
h.	CLASS 7 TRAINING REQUIREMENTS		0		0
9. REMARKS					
CERTIFIED BY IDGA					
10. NAME AND RANK OF IDGA (Last, First, Middle Initial)			11. DATE (YYYYMMDD)	12. SIGNATURE	
				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 A20.3. USAFE-AFAFRICA Form 60 - Annual DGA Report - Step by Step Instructions Completing the Form – (Sample).

Note: References below and answers thereto refer to sample shown in [Figures 20.1 & 20.2](#).

<p>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 Sep). Enter the fiscal year for which this report applies.</p>
<p>Block 2. From: Enter office symbol and address of the unit;</p>
<p>Block 3. To: Enter the office symbol for the installation DGA (e.g. 86 LRG/IDGA) and mark the applicable box;</p>
<p>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 2nd 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).</p>
<p>Block 5. Reportable Incidents/Accidents. Self-Explanatory;</p>
<p>Block 6. Additional Comments Concerning DG Safety. Self-Explanatory;</p>
<p>Block 7. IDGA Activities. N/A;</p>
<p>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.</p>
<p>Block 9. Remarks. Self-Explanatory;</p>
<p>Block 10. Name and Rank of IDGA. N/A;</p>
<p>Block 11. Date. N/A;</p>
<p>Block 12. Signature. N/A;</p>
<p>Block 13. Name, Rank and Title of Commander. N/A;</p>
<p>Block 14. Date. N/A;</p>
<p>Block 15. Signature. N/A;</p>

Attachment 21

USAFE-AFAFRICA FORM 66 – UDGA APPOINTMENT ORDER

Figure A21.1. 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) Foreman, George, E.		3. RANK MSgt		
4. OFFICE SYMBOL / UNIT ADDRESS 435 SF*/***** / Ramstein AB		5. DUTY PHONE 480-55**		
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. 2017-02/07A	IDGA 2017073	20221214
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.) IAW USAFE-AFAFRICA I 23-104, Para 2.5.2, individual is appointed as Primary Unit Dangerous Goods Advisor for the entire Squadron responsible for modes road (ADR) and rail (RID), incl. all hazmat classes classes 1-9, except class 7. Individual will be responsible executing the Unit Dangerous Goods Program on behalf of the Commander, as described in USAFE-AFAFRICA I 23-104 and RABI 23-104.				
APPROVING AUTHORITY				
<i>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)</i>				
11. NAME (Last, First, Middle Initial), RANK AND TITLE OF COMMANDER Cus D'Amato, Lt Col, USAF		12. DATE (YYYYMMDD) 20171217	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 type="checkbox"/> UDGA				
15. NAME (Last, First, Middle Initial) AND RANK OF APPOINTEE Foreman, George, E. . MSgt		16. DATE (YYYYMMDD) 20171218	17. SIGNATURE CLICK HERE TO SIGN	

Figure A21.2. USAFE-AFAFRICA Form 66 – UDGA Appointment Order - Step by Step Instructions Completing the Form - (Sample).

Note: References below and answers thereto refer to sample shown in [Table 21.1](#).

Block 1. Special Order Number. May be used for unit internal control numbers. Mark N/A if not used;
Block 2. Name of Appointee. Self-Explanatory;
Block 3. Rank. Self-Explanatory;
Block 4. Office Symbol/Unit Address. Self-Explanatory;
Block 5. Duty Phone. Self-Explanatory;
Block 6. Appointment. Select (X-mark) 'Unit Dangerous Goods Advisor (UDGA)';
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;
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)
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 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), incl. all hazmat classes 1-9 except class 7).
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 (UDGA) signing Block 17.
Block 14. Acceptance. Select (X-mark) 'UDGA';
Block 15. Name and Rank of Appointee. Self-Explanatory;
Block 16. Date: Self-Explanatory;
Block 17. Signature. By signing Block 17. the appointee accepts UDGA duties, described in USAFEI 23-104 and RABI 23-104.

Attachment 22

USAFE-AFAFRICA FORM 67 – DCO APPOINTMENT ORDER

Figure A22.1. USAFE-AFAFRICA Form 67 - DCO Appointment Order – (Sample).

CERTIFIER FOR DANGEROUS GOODS AND HAZARDOUS WASTE MOVEMENTS APPOINTMENT ORDER - MODE SURFACE				
Ref. USAFEI 23-104, Command Dangerous Goods Safety Program				
1. APPOINTMENT IS VALID FOR <input checked="" type="checkbox"/> ROAD <input checked="" type="checkbox"/> RAIL <input checked="" type="checkbox"/> SEA <input type="checkbox"/> INLAND WATER <input type="checkbox"/> OTHER (Specify) _____			2. SPECIAL ORDER NUMBER N/A	
3. NAME OF APPOINTEE (Last, First, Middle Initial) Tyson, Mike, I.			4. RANK Civ	
5. OFFICE SYMBOL / UNIT ADDRESS 86 L**/LG***, Ramstein AB, Germany			6. DUTY PHONE 480-22**	
7. APPOINTMENT <input checked="" type="checkbox"/> <i>Is appointed as certifying official for dangerous goods and hazardous waste movements for the mode described in block 8 below. Certification will be in accordance with DOD and host nation regulations. See block 10 for further details.</i>				
8. TRAINING SOURCE, CERTIFICATE AND EXPIRATION DATE CERTIFYING EXPERTISE OF APPOINTEE				
	MODE	TRAINING SOURCE	CERTIFICATE NUMBER	EXPIRATION DATE
a.	ROAD / RAIL	IDGA Ramstein, Course No. DG 2020-07A	IDGA 2020019	20250525
b.	SEA	IDGA Ramstein, Course No. DG 2020-08	IDGA 2020023	20250723
c.	INLAND WATER			
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 or only for hazard classes as a technical expert. Continue on reverse if more space is needed.) IAW USAFE-AFAFRICA I 23-104, Para 2.5.3, individual is appointed as Dangerous Goods Certifying Official (DCO) for the entire Squadron responsible for modes road,rail (ADR/RID) and sea (IMDG-Code), incl. all hazmat classes 1-9 except class 7. Individual is responsible to execute DCO duties as described in RABI 23-104.				
APPROVING AUTHORITY				
11. NAME, RANK AND TITLE OF COMMANDER (Last, First, Middle Initial) Cus D'Amato, Lt Col,USAF		12. DATE (YYYYMMDD) 20200922	13. SIGNATURE CLICK HERE TO SIGN	
ACCEPTANCE				
14. <i>I accept the duties as certifier for dangerous goods and hazardous waste movements.</i>				
15. NAME AND RANK OF APPOINTEE Tyson, Mike, I. Civ		16. DATE (YYYYMMDD) 20200923	17. SIGNATURE CLICK HERE TO SIGN	

Figure A22.2. USAFE-AFAFRICA Form 67 - DCO Appointment Order - Step by Step Instructions Completing the Form - (Sample).

Note: References below and answers thereto refer to sample shown in [Figure 22.1](#).

<p>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);</p>
<p>Block 2. Special Order Number. May be used for unit internal control numbers. Mark N/A if not used;</p>
<p>Block 3. Name of Appointee. Self-Explanatory;</p>
<p>Block 4. Rank. Self-Explanatory;</p>
<p>Block 5. Office Symbol/Unit Address. Self-Explanatory;</p>
<p>Block 6. Duty Phone. Self-Explanatory;</p>
<p>Block 7. Appointment. Box must be X-marked for all types of appointment orders;</p>
<p>Block 8. Training Source, Certificate and Expiration Date Certifying Expertise of Appointee. Copy information from individual training certificates and fill out blanks as shown in the sample. Ensure expiration dates are tracked on separate training lists (IAW Para 13.4.12.15) and that personnel are sent to refresher training as required;</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 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 USAFE-AFAFRICA I 23-104, Para 2.5.3, individual is appointed as Dangerous Goods Certifying Official (DCO) for the entire Squadron responsible for modes Road, Rail (ADR/RID) and Sea (IMDG-Code), incl. all DG classes 1-9 except class 7). Add additional remarks as required.</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 (DCOs) signing Block 17.</p>
<p>Block 14. Statement of Acceptance. Self-Explanatory;</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 DCO duties, described in USAFE-AFAFRICA I 23-104 and RABI 23-104.</p>

Attachment 23

GERMAN MILITARY WAIVERS

Figure A23.1. German Military Waivers, Part 1.

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 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 AFM 24-204 for the carriage of DG in US military aircraft).

In deviation from the provisions 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 purposes of this waiver, "carriage" means the transport of dangerous goods that belong

- a. to combat loads or function/training related equipment of soldiers inaccessible to others, or;
- b. to combat loads of land, 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, aircrafts 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 heavy-duty transporters (e.g. low-bed trailers).

The provisions laid down in this 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 risks between the requirement to perform the mission and the risks caused by the use of this derogation.

Additional requirements for 'carrying' Dangerous Goods over the road or by railway:

Figure A23.2. German Military Waivers, Part 2.

- 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 emergence 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 or UN 3481) contained in equipment or packed with equipment shall be 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 provisions 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 described in attachment 30 of this instruction need not be carried along during transport.

In deviation from §§ 19(2) No. 5(b) and 28(10)(e) 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 the framework of 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.

Figure A23.3. German Military Waivers, Part 3.**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 certificate IAW 8.2.1.1 ADR is required for drivers conducting 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 regulations within the meaning of §§ Sections 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: "Special permit (AG) No. Bw 11 (S)".

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 packagings under following conditions:

- Outer casings of life rafts and standard life rafts shall be intact. You do not constitute outer packagings as defined in Part 4 of ADR/RID;
- Life rafts in carrier bags shall be carried in closed box pallets;
- A maximum of 25 life-jackets 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 units in a layer, i.e. not stacked. The provisions 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 enclosures of the life rafts and Standard life-rafts shall be packed in such a manner that any release of the substances during carriage is excluded; the provisions 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 a 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, squared lumber or similar devices in such a way that rolling, slipping and mutual contact of the outer sheaths is excluded;
- Individual lashings (transport belts/tensioning straps) are not required;
- The transport document shall contain an additional note: "Special permit AG No. Bw 16 (S, E)".

Figure A23.4. German Military Waivers, Part 4.**Waiver No. 17 (S, E)**

Labelling 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 at 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 cm label.

Waiver No. 21 (S, E)

Transport of dangerous goods of class 1 in (old) palletized packages / suitable handling equipment.

By derogation from 5.2.1.1, 5.2.1.2 and 5.2.1.5 of ADR/RID, packages 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)".

Figure A23.5. German Military Waivers, Part 5.**Waiver No. 22 (S)****German Military Waivers****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 articles with explosives (ammunition) of class 1, subdivision (hazard classes) 1.1 to 1.3 the maximum permissible net explosive mass (NEM) in transport units EX/II must not exceed 7 500 kg (NEM).

Other specifications

For the carriage of explosive substances (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 provisions (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 25

MICT COMPLIANCE CHECKLISTS FOR UDGAS

Figure A25.1. MICT Checklist; Installation Dangerous Goods Management Program.

Item No	Description	Reference	Paragraph
1.1	Are names and contact information of the IDGA and Unit DGA posted on the safety board?	RABI 23-104	13.4.12.23
1.2 (flagged)	Are signed copies of appointment orders for UDGAs and DCOs as described in Paragraph 6.7 forwarded to the IDGA office NLT 30 days after completion of training?	RABI 23-104	13.4.12.13
1.3 (flagged)	Was the Annual DGA Report (on USAFE Form 60) accomplished according to samples and steps described in Attachment 20 and submitted to the IDGA office NLT 15 Dec?	RABI 23-104	13.4.12.14
1.4	Does the UDGA maintain a master list of DG trained personnel according to sample shown in Attachment 31 and keep track of their expiration dates?	RABI 23-104	13.4.12.8
1.5	Does the UDGA contact the IDGA for required awareness briefing of the Unit Commander NLT 90 days after change of command?	RABI 23-104	13.4.12.24
1.6	Did the UDGA ensure that a security plan for the handling of high consequence dangerous goods is in place?	RABI 23-104	13.4.12.15
1.7	Are copies of transport documents and related checklists used for off-base carriage of DG on file?	RABI 23-104	13.4.12.21 & 13.4.13.17
1.8	Does the UDGA share & file information provided via IDGA Advisory notes with personnel that need to know?	RABI 23-104	13.4.12.22
1.9	Are vehicles carrying DG equipped with the required miscellaneous equipment and fire-extinguishers, as applicable?	RABI 23-104	13.4.12.16
1.10	Are Certificate of Approvals for Vehicles carrying certain types of Dangerous Goods on file, and are vehicle/tank inspection dates tracked by the UDGA (for vehicles that are assigned to the unit)?	RABI 23-104	13.4.12.20
1.11 (flagged)	Does the UDGA conduct and document random checks to ensure DCOs are in compliance with Paragraph 13.4.13?	RABI 23-104	13.4.12.21
1.12	Are USAFE Forms 61 used to prepare accident/incident reports IAW Paragraph 3.3?	RABI 23-104	13.4.12.12
1.13	Are 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).	RABI 23-104	13.4.12.28
1.14	Are personnel involved in the carriage of DG aware of duties and responsibilities described in Chapter 13?	RABI 23-104	13.4.12.3
1.15	Does the Unit DGA binder contain elements described in Attachment 30?	RABI 23-104	13.4.12.19

Attachment 26

OBLIGATIONS OF THE INDIVIDUAL UNITS (SQ) IN CONNECTION WITH CHAPTER 13

Figure A26.1. Obligations of the Units in Connection with Chapter 13.

OBLIGATIONS OF THE INDIVIDUAL UNITS (SQ) IN CONNECTION WITH CHAPTER 13 ¹		86 CEE	86 LRG	86 MIDG	86 MSG	86 MWG	86 OCG	86 ACOME	435 CRG	65 ABC ²	721 AMOG Tenant	
Units with Duties & Responsibilities HW/Chap 13 ⁴	Unit Commander (Para 13.4.10)	X	X	X	X	X	X	X	X	X	X	X
	UDSA (Para 13.4.12)	X	X	X	X	X	X	X	X	X	X	X
	Shipper (Para 13.4.1)	X	X	X	X	X	X	X	X	X	X	X
	Consignor (Para 13.4.2 & 13.4.14)	X	X	X	X	X	X	X	X	X	X	X
	DCO (Para 13.4.13)	X	X	X	X	X	X	X	X	X	X	X
	Packer (Para 13.4.3)	X	X	X	X	X	X	X	X	X	X	X
	Loader (Para 13.4.4)	X	X	X	X	X	X	X	X	X	X	X
	Filler (Para 13.4.5 & 13.4.14)	X	X	X	X	X	X	X	X	X	X	X
	Carrier (Para 13.4.6 & 13.4.14)	X	X	X	X	X	X	X	X	X	X	X
	Diner (Para 13.4.7)	X	X	X	X	X	X	X	X	X	X	X
	Unloader (Para 13.4.8)	X	X	X	X	X	X	X	X	X	X	X
	Consignee (Para 13.4.9)	X	X	X	X	X	X	X	X	X	X	X
	Certification (Para 13.3.13)	X	X	X	X	X	X	X	X	X	X	X
	Haz/Waste AP/SA ³ (Para 2.3)	X	X	X	X	X	X	X	X	X	X	X

Note 1: Units incl. tenant organizations stationed on Ramstein AB and GSUs assigned to 86 AW, 435 AGOW and 521 AMOW.

² UDGs appointed at group level.

³ Hazardous Waste Accumulation & Storage Areas. Duties of units generating hazardous waste are described in Para 2.3.

⁴ Duties & responsibilities prescribed in the table are tentative and may be subject to adjustments in case of mission changes etc. (see Para 12).

Attachment 27

TRAINING ASPECTS CONCERNING THE TRANSPORT OF DG BY ROAD

Figure A27.1. 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 internal training and Unit OI's concerning the transport of dangerous goods by road⁵

ADR, Ref: (Parts/Para)	Obligations & Training Requirements IAW Chap 13 of this instruction and corresponding Parts/Chapters of the ADR ¹	UDGA (Para 13.4.12)	DCO (13.4.13)	Shipper (Para 13.4.1)	Consignor (13.4.2)	Packer (13.4.3)	Loader (13.4.4)	Filler (13.4.5)	Carrier (13.4.6)	Driver w/ ADR Cert. (13.4.7)	Driver w/o ADR Cert. (13.3.7)	Unloader (13.4.8)	Consignee (13.4.9)	Craftsman (13.3.14 & Chapter 12)
1	General Provisions	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 Provisions	X	X		X	X	X	X	X	X	X	X	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	Packagings & 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 Provisions	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 Provisions (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 ²	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	Routine Permit IAW GGVSEB ⁴	X	X	X	X		X	X						

Notes:

¹ Training of DCOs, UDGAs and ADR certified drivers may be provided by the IDGA upon request. See Chapter 6.

² Obligations & training of the participants are based the unit's mission.

³ Special Provisions S1 and S2 are prescribed in Chapter 8.5 of the ADR.

⁴ (GE-only) 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.

Attachment 28

DUTIES, FUNCTIONS & ASSOCIATED RISK CATEGORIES BELOW FIGURES CLASSIFIED INTO THREE RISK CATEGORIES (CATEGORY I BEING THE MOST SERIOUS) LISTS INFRINGEMENTS THAT CAN SANCTIONED BY ENFORCEMENT AGENCIES IN EUROPE.

Figure A28.1. Risk Category I.

<p>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 immobilisation of the vehicle. Failures are:</p> <ul style="list-style-type: none">• The dangerous goods being carried are prohibited for transport;• Leakage of dangerous substances;• Carriage by a prohibited mode or an inappropriate means of transport;• Carriage in bulk in a container which is not structurally serviceable;• Carriage in a vehicle without an appropriate certificate of approval;• Vehicle no longer complies with the approval standards and presents an immediate danger (otherwise it goes in risk category II);• Non-approved packaging is used;• Packaging does not conform to the applicable packing instruction;• 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;• The rules governing mixed loading of packages have not been complied with;• The permissible degrees of filling of tanks or packages have not been complied with;• The provisions limiting the quantities carried in one transport unit have not been complied with;• 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);• Carriage without any placarding and marking on the vehicle;• 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);• Driver does not hold a valid vocational training certificate;• Fire or an unprotected light is being used;• The ban on smoking is not being observed.
--

Figure A28.2. 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:

- The transport unit comprises more than one trailer/semi-trailer;
- Vehicle no longer complies with the approval standards but does not present an immediate danger;
- 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;
- The vehicle does not carry the equipment required in the ADR or in the instructions in writing;
- Test and inspection dates and use periods of packaging, IBCs or large packaging have not been complied with;
- Packages with damaged packaging, IBCs or large packaging or damaged uncleaned empty packaging are being carried;
- Carriage of packaged goods in a container which is not structurally serviceable;
- Tanks/tank containers (including ones that are empty and uncleaned) have not been closed properly;
- Carriage of a combination packaging with an outer packaging which is not closed properly;
- Incorrect labelling, marking or placarding;
- There are no instructions in writing conforming to the ADR, or the instructions in writing are not relevant to the goods carried;
- The vehicle is not properly supervised or parked.

Figure A28.3. 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:

- The size of placards or labels or the size of letters, figures or symbols on placards or labels does not comply with the regulations
- Information in the transport documentation other than that in risk category I is not available
- The training certificate is not on board the vehicle but there is evidence that the driver holds it.

Attachment 29

SAMPLE OF VISUAL AIDS FOR THE SAFE HANDLING OF HM (GERMAN VERSION)

Figure A29.1. Hazard Classes and Description.

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 Gefahrklassen			
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 A29.2. 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 A29.3. Procedures in Case of Fire and First Aid Measures.

Verhalten im Brandfall	
   	<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 ortkundigen 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 wegschütten, Feuerarbeiten einstellen, • Verschmutzte Umgebung mit feuchtem Lappen reinigen, Reinigungsmaterial und verunreinigte Verpackungen in verschließbare Behälter füllen,
 1 1 2	
 1 1 0	<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	
	<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 Augenspüllflasche 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.
 1 1 2	
 1 1 0	<p>Erste Hilfe bei Bränden</p> <p>Brennende Kleidung sofort löschen (Wasser, Feuerlöscher) 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	
Anfallende Abfälle in die dafür bereit gestellten Behältnisse packen. Deckel der Behälter immer geschlossen halten.	

Attachment 30

CONTENT OF THE UNIT DGA BINDER

Figure A30.1. Content of the UDGA Binder.

Table of Contents			
Cover	UDGA Binder - Table of Contents*	Below references IAW ① USAFE-AFAFRICA I 23-104 or ② RABI 23- 104	
Tab	A	Instructions	
Sub-Tab	A1	Copy of USAFEI23-104	② 13.4.12.19
Sub-Tab	A2	Copy of RABI 23-104	② 13.4.12.19
Tab	B	Training of DG Personnel	
Sub-Tab	B1	Appointment Order of UDGAs (USAFE-AFAFRICA Form 66)	① 2.5.2
Sub-Tab	B2	Appointment Order of DCOs - Mode Surface (USAFE-AFAFRICA Form 67B)	① 2.5.3
Sub-Tab	B3	List of Trained and Appointed Personnel Assigned to the Unit	② 13.4.12.8
Sub-Tab	B4	Documentation of Training (incl. MFRs for CC training)	② 13.4.12.19 & 6.6
Tab	C	Reports	
Sub-Tab	C1	Annual DG Report (USAFE-AFAFRICA Form 60)	② 13.4.12.14
Sub-Tab	C2	Accident Report (USAFE-AFAFRICA Form 61)	② 13.4.12.12
Sub-Tab	C3	Monitoring Reports (USAFE-AFAFRICA Form 63)	② 13.4.12.21
Tab	D	Unit Procedures & Instructions	
Sub-Tab	D1	Unit Compliance Checklists	② 13.4.12.10
Sub-Tab	D2	Written unit procedures and processes, as applicable	② 13.4.12.3
Sub-Tab	D3	Security Plan	② 13.4.12.15
Tab	E	Copies of 'IDGA Advisory Notes' issued by the IDGA office	② 13.4.12.22
Tab	F	Copies of USAFE-AFAFRICA Form 68 (ADR Vehicle Certificate of Approval)	① 2.5.5
Note: (*) The UDGA binder may be maintained electronically or manually.			

Attachment 31

MASTER LIST OF TRAINED PERSONNEL IAW THE DGMP (SAMPLE)

Figure A31.1. Master List of Trained Personnel IAW the Dangerous Goods Program (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-Juergen	LGRMT	DG2013-02/07A	N/A	13-Jun-18	13-Jun-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-21	Pending Signature
ADR Driver	Brein	Norbert	LGRMD	DG-2018-03/4/5	198-510000008803	18-Sep-19	18-Sep-24	NA
ADR Driver	Joshua	Mike	LGRMD	DG-2018-03/4/5	198-510000008901	18-Sep-20	18-Sep-25	NA
CC Awareness	Smith	Mark D.	CC	N/A	N/A	19-Jan-20	NA	88 LRS/Commander

Attachment 32

SECURITY CHECKLIST – FACILITY

Figure A32.1. Security Checklist – Facility.

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 dosing and locking up 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	
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 33

SECURITY CHECKLIST – SHIPPER CONSIGNOR

Figure A33.1. Security Checklist – Shipper 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 material is 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?		

Figure A33.2. Security Checklist – Shipper 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 the 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 procedure do you have to verify if the carrier is authorized to carry your hazmat?		
21. How is the carrier's equipment checked for safety?		

Figure A33.3. Security Checklist – Shipper Consignor, Part 3.

Loading and Securing Shipments		
22. What procedures 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 this information adequate?		
27. What procedure do you have to follow up on the safe arrival of hazmat?		

Attachment 34
SECURITY CHECKLIST – CARRIER

Figure A34.1. 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 area?		
Training and Personnel		
4. How are your 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?		

Figure A34.2. Security Checklist – Carrier. Part 2.

Question	Response	Recommendation
Carrier Safety		
13. Do your 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 your 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 35
SECURITY CHECKLIST – RECEIVER

Figure A35.1. Security Checklist – Receiver, Part 1.

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?		

Figure A35.2. Security Checklist – Carrier, Part 2.

Question	Response	Recommendation
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?		
15. Are employee background checks being conducted?		
16. Are background checks periodically reviewed and/or updated? How often?		
Receiving a Delivery		
17. What procedure 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?		