

Security on Units

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What has to be checked in particular?



According to UIC loading guidelines the loader is responsible for a compliant loading of the cargo.

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According UIC loading guidelines (volume 1+2) it is the loaders responsibility to guarantee a compliant loading of the units. Besides a correct and safe loading of the cargo inside the units, attention has to be drawn to some points in particular. There are several errors often discovered during quality controls on the way. (see next slide)



Container Doors

Are they correctly locked?



Tarpaulin

No fissures bigger than > 30mm allowed. Already existing fissures may be taped (vulcanised). Straps may not rip the tarpaulin.

Tarpaulin

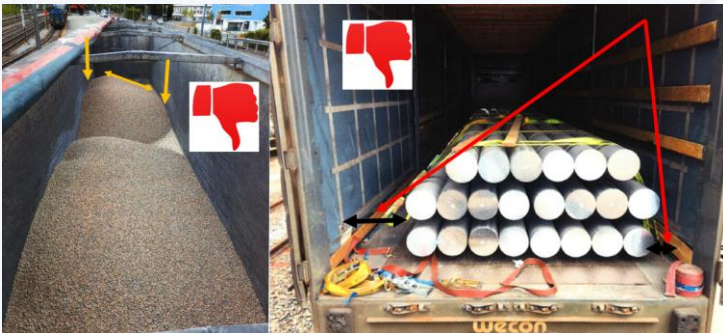
Lateral and roof tarpaulins have to be correctly locked. Damaged, deformed or rusty bars have to be repaired. Loading units in such conditions are be refused.





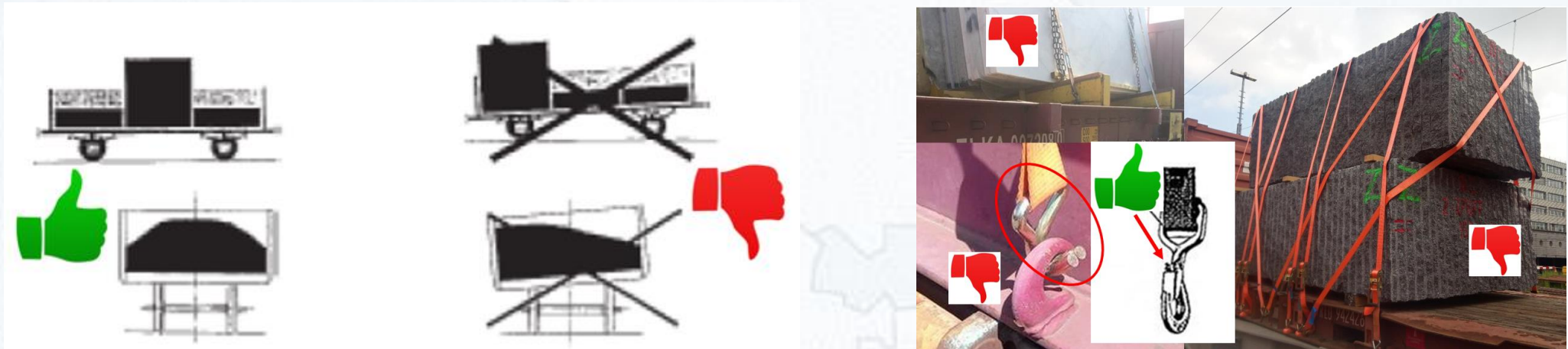
Dome Cover / Bulk Containers

It is in the responsibility of the filler to make sure that dome covers (roof part) are properly locked and fixed against unintentional opening.



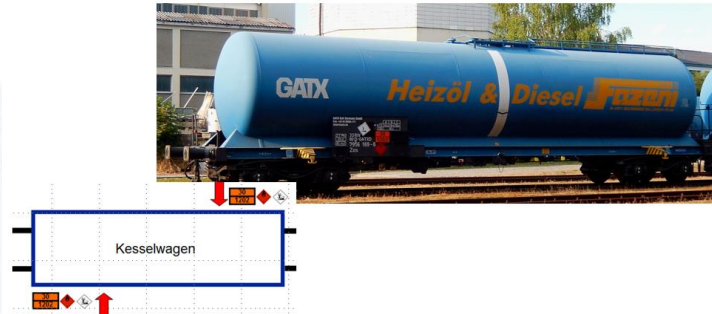
Proper Loading of Units

It is in the responsibility of the loader that the UIC loading guidelines (volume 1+2) are properly respected. The loadings have to be placed/stowed symmetrically and secured safely.





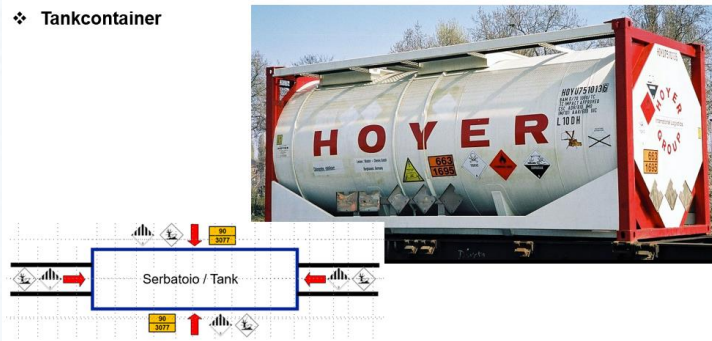
❖ Kesselwagen / Zisternenwagen



Handling of Dangerous Goods (ADR/RID)

It is in the responsibility of the loader or filler to guarantee an ADR/RID compliant loading. The different responsibilities of the sender, loader or filler are named in ADR/RID in chapter 1.4.

❖ Tankcontainer



Labelling According Chapter 5.3 of RID

Chapter 5.3.1.1.1

As and when required in this section, placards shall be affixed to the exterior surface of large containers, bulk containers, MEGCs, tank-containers, portable tanks and wagons. Placards shall correspond to the labels required in column (5) and, where appropriate, column (6) of table A of chapter 3.2 for the dangerous goods contained in the large container, bulk container, MEGC, tank container, portable tank or wagon and shall conform to the specifications given in 5.3.1. Placards shall be displayed on a background of contrasting colour, or shall have either a dotted or solid outer boundary line. The placards shall be weather-resistant and shall ensure durable marking throughout the entire journey.

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❖ Grosscontainer





The Responsibility of the Loader or the Filler according RID 1.4 (I)

1.4.3.1 Loader

1.4.3.1.1

In the context of 1.4.1, the loader has the following obligations in particular:

- he shall hand over the dangerous goods to the carrier only if they are authorised for carriage in accordance with RID;
- he shall, when handing over for carriage packed dangerous goods or uncleaned empty packaging, check whether the packaging is damaged. He shall not hand over a package the packaging of which is damaged, especially if it is not leak-proof, and there are leakages or the possibility of leakages of the dangerous substance, until the damage has been repaired; this obligation also applies to empty uncleaned packaging;



The Responsibility of the Loader or the Filler according RID 1.4 (II)

- he shall only fill tanks with the dangerous goods authorised for carriage in those tanks;
- he shall, when he hands dangerous goods over for carriage directly, comply with the requirements concerning placarding, marking and orange-coloured plates on the wagon or large container conforming to chapter 5.3;
- he shall, when loading packages, comply with the prohibitions on mixed loading taking into account dangerous goods already in the wagon or large container and requirements concerning the separation of foodstuffs, other articles of consumption or animal feedstuffs.

The Responsibility of the Loader or the Filler according RID 1.4 (III)



1.4.3.3 Filler

In the context of 1.4.1, the filler has the following obligations in particular;

- he shall ascertain prior to the filling of tanks that both they and their equipment are technically in a satisfactory condition;



The Responsibility of the Loader or the Filler according RID 1.4 (IV)

NOTE: The filler shall establish procedures to check the correct functioning of the closures of the tank of a tank-wagon and to ensure the leak tightness of the closing devices before and after filling. Guidelines in the form of checklists for tank-wagons for liquids, issued by the European Chemical Industry Council (CEFIC), are available on the OTIF website (www.otif.org).

- he shall ascertain that the date of the next test for tank-wagons, battery-wagons, wagons with demountable tanks, portable tanks, tank-containers and MEGCs has not expired;
- he shall only fill tanks with the dangerous goods authorised for carriage in those tanks;
- he shall, in filling the tank, comply with the requirements concerning dangerous goods in adjoining compartments;



The Responsibility of the Loader or the Filler according RID 1.4 (IV)

- he shall, during the filling of the tank, observe the maximum permissible degree of filling or the maximum permissible mass of contents per litre of capacity for the substance being filled;
- he shall, after filling the tank, ensure that all closures are in a closed position and that there is no leakage;

NOTE: The Filler shall establish procedures to check the correct functioning of the closures of the tank of a tank-wagon and to ensure the leak tightness of the closing devices before and after filling. Guidelines in the form of checklists for tank-wagons for liquids, issued by the European Chemical Industry Council (CEFIC), are available on the OTIF website (www.otif.org)



The Responsibility of the Loader or the Filler according RID 1.4 (IV)

- he shall ensure that no dangerous residue of the filling substance adheres to the outside of the tanks filled by him;
- he shall, in preparing the dangerous goods for carriage, ensure that the placards, marks, orange-coloured plates and labels as well as shunting labels are affixed on the tanks, on the wagons and on the containers in accordance with Chapter 5.3;
- he shall, before and after filling tank-wagons with a liquefied gas, observe the applicable special checking requirements;
- he shall, when filling wagons or containers with dangerous goods in bulk, ascertain that the relevant provisions of Chapter 7.3 are complied with.



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