RID: 3rd Session of the RID Committee of Experts’ standing working group
(Berne, 20 and 21 May 2014)

Subject: Define a standard reference for checks in tank transport allowing all participants involved to meet RID obligations in a traceable manner

Proposal transmitted by Italy

Reference documents

- OTIF/RID/CE/GTP/2013/7 (UIC) + informal document INF.10 from the 2nd session of the RID Committee of Experts’ standing working group (Copenhagen, 18 - 22 November 2013);

- OTIF/RID/CE/GTP/2013-A (final report of the 2nd session of the RID Committee of Experts’ standing working group (Copenhagen, 18 - 22 November 2013), paragraphs 65 to 71.

Introduction

1. The purpose of this proposal is to introduce check-lists for verifying rail consignments of gases of Class 2 and substances accepted for carriage of classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9 in tank-wagons, portable tanks, tank-containers or tank swap bodies, in order to improve the safety level of such transport and to prevent leakage of the contents during transport, with particular regard to the closing devices of the tanks. In addition, standardised check-lists would enable participants in Chapter 1.4, such as carriers, fillers and unloaders, to comply with their obligations in a traceable manner to provide evidence of any non-compliance and the actions taken to comply.
Proposals (changes underlined or crossed out)

2. **1.4.2.1 Consignor**

   **1.4.2.1.1** The consignor of dangerous goods is required to hand over for carriage only consignments which conform to the requirements of RID. In the context of 1.4.1, he shall in particular:

   (a) ascertain that the dangerous goods are classified and authorized for carriage in accordance with RID;

   (b) furnish the carrier with information and data in a traceable form and, if necessary, the required transport documents and accompanying documents (authorizations, approvals, notifications, certificates, etc.), taking into account in particular the requirements of Chapter 5.4 and of Table A of Chapter 3.2

   **Note 1:** In the case of transport in tank-wagons, portable tanks, tank-containers or tank swap bodies of gases of Class 2 and substances accepted for carriage of classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9, the filler and the carrier shall complete the check-list prescribed in 1.4.3.8, for which they shall be responsible during the carriage of loaded tanks, or else the check-list shall be completed by the unloader and carrier for the carriage of empty and uncleaned tanks. The delivery document of Chapter 5.4 shall contain the wording prescribed in 5.4.1.2.6.

   **2:** In the case of transport in tank-wagons, portable tanks, tank-containers or tank swap bodies of gases of Class 2 and substances accepted for carriage of classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9, or empty uncleaned tanks that have contained the same substances, if the check-list has a non compliance reported by a participant, the consignor must attach this check-list to the transport document, noting the measures taken to achieve compliance with RID and the name of the person who has carried out these measures.

   **3:** The check-lists of 1.4.3.8 for the classes indicated are available as best practice guidelines on the OTIF website (www.otif.org).

3. **1.4.2.2 Carrier**

   **1.4.2.2.1** Amend the last paragraph to read as follows:

   "The requirements of this paragraph are considered to have been complied with if Section 514 of UIC leaflet 471-3-O ("Inspections of dangerous goods consignments") is applied, the carrier has compiled the check-list provided for in 1.4.3.8 ("Check-list and inspections of dangerous goods consignments by tanks") available as best practice guidelines on the OTIF website (www.otif.org). The verifications referred to in Section 510 of UIC leaflet 471-3-O are deemed to be met if the carrier has filled in the check-list of 1.4.3.8."

4. **1.4.3.3 Filler**

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

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

(b) 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;

(c) he shall only fill tanks with the dangerous goods authorized for carriage in those tanks;

(d) he shall, in filling the tank, comply with the requirements concerning dangerous goods in adjoining compartments;

(e) 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;

(f) 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, portable tank, tank-container or tank swap body and to ensure the leaktightness of the closing devices before and after filling. The provisions of a) to i) are deemed to be met if the filler has filled in the check-list of 1.4.3.8. The check-lists of 1.4.3.8 are available as best practice guidelines on the OTIF website (www.otif.org).

(g) he shall ensure that no dangerous residue of the filling substance adheres to the outside of the tanks filled by him;

(h) he shall, in preparing the dangerous goods for carriage, ensure that the orange plates, labels or placards, marks for elevated temperature substances and environmentally hazardous substances as well as shunting labels prescribed are affixed on the tanks, on the wagons and on the large and small containers in accordance with the requirements;

(i) he shall, before and after filling tank-wagons with a liquefied gas, observe the applicable special checking requirements;

NOTE: The filler shall establish procedures to check the correct functioning of the closures of the tank of a tank-wagon, portable tank, tank-container or tank swap body and to ensure the leaktightness of the closing devices before and after filling. The provisions of a) to i) are deemed to be met if the filler has filled in the check-list of 1.4.3.8. The check-lists of 1.4.3.8 are available as best practice guidelines on the OTIF website (www.otif.org).

(j) he shall, when filling wagons or containers with dangerous goods in bulk, ascertain that the relevant provisions of Chapter 7.3 are complied with.
5. **1.4.3.7 Unloader**

 **NOTE:** In this sub-section, unloading covers removal, unloading and discharging as indicated in the definition of unloader in 1.2.1.

1.4.3.7.1 In the context of 1.4.1, the unloader shall in particular:

(a) ascertain that the correct goods are unloaded by comparing the relevant information on the transport document with the information on the package, container, tank, MEGC or wagon;

(b) before and during unloading, check whether the packagings, the tank, the wagon 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;

 **NOTE:** The unloader shall establish procedures to check the correct functioning of the closures of the tank of a tank-wagon and to ensure the leaktightness of the closing devices before and after unloading. 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).

(c) comply with all relevant requirements concerning unloading;

(d) immediately following the unloading of the tank, wagon or container:

(i) remove any dangerous residues which have adhered to the outside of the tank, wagon or container during the process of unloading; and

(ii) ensure the closure of valves and inspection openings;

 **NOTE:** The unloader shall establish procedures to check the correct functioning of the closures of the tank of a tank-wagon and to ensure the leaktightness of the closing devices before and after unloading. 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).

(e) ensure that the prescribed cleaning and decontamination of the wagons or containers is carried out; and

(f) ensure that the wagons and containers once completely unloaded, cleaned, degassed and decontaminated, no longer display placards and orange-coloured plate markings.

 **NOTE:** The unloader shall establish procedures to check the correct functioning of the closures of the tank of a tank-wagon, portable tank, tank-container or tank swap body and to ensure the leaktightness of the closing devices before and after unloading. The provisions of a) to f) are deemed to be met if the unloader has filled in the check-list of 1.4.3.8. The check-lists of 1.4.3.8 are available as best practice guidelines on the OTIF website (www.otif.org).

1.4.3.7.2 If the unloader makes use of the services of other participants (cleaner, decontamination facility, etc.) he shall take appropriate measures to ensure that the requirements of RID have been complied with.”
6.  **1.4.3** Add the following new sub-section:

"1.4.3.8 Check-lists and inspections of dangerous goods consignments in tanks

1.4.3.8.1 In order to comply with the obligations of this Chapter, the carrier, the filler and the unloader for carriage in tank-wagons, portable tanks, tank-containers or tank swap bodies of gases of Class 2 and substances accepted for carriage in the liquid state of classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 6.3, 8 and 9, and for empty and uncleaned tanks that have contained the same substances, shall complete the check-list that relates to them. The check-lists for Class 2 or classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9, as the case may be, are available on the OTIF website (www.otif.org).

1.4.3.8.2 If no anomalies have been noted, the check-list, completed and signed, shall be preserved in paper or electronic form, for a period not less than that stipulated by the competent authority. If anomalies have been noted, the check-lists shall be attached to the transport document of Chapter 5.4 in order to identify the actions taken to comply with RID and the person who carried the actions out. In this case, the consignee shall keep the check list together with the transport document, for a period not less than that stipulated by the competent authority.

On request, the check-lists shall be made available to the competent authority of the participant’s country.”

7. "Chapter 4.2 Use of portable tanks and UN multiple-element gas containers (MEGCs)

**NOTE 1:** For tank-wagons, demountable tanks, tank-containers and tank swap bodies, with shells made of metallic materials, and battery-wagons and multiple element gas containers (MEGCs), see Chapter 4.3; for fibre-reinforced plastics tank-containers, see Chapter 4.4; for vacuum-operated waste tanks, see Chapter 4.5.

2: Portable tanks and UN MEGCs marked in accordance with the requirements of Chapter 6.7, but which were approved in a State that is not an RID Contracting State, may nevertheless be used for carriage under RID.

8.  **5.4.1.2** Add a new 5.4.1.2.6 to read as follows:

"5.4.1.2.6 Additional provisions for carriage in tanks

When gases of class 2 and substances accepted for carriage of classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9 are carried in tank-wagons, portable tanks, tank-containers or tank swap bodies, the names of the participants of Chapter 1.4 who have completed a check-list of 1.4.3.8 and the following statement shall be shown in the transport document: "CARRIAGE IN ACCORDANCE WITH 1.4.3.8."

9.  **7.5.1.3** Unless otherwise specified in RID, the unloading shall not be carried out if the above-mentioned inspections reveal deficiencies that might affect the safety or the security of the unloading.

**NOTE:** In order to comply with the obligations of 7.5.1.2 and 7.5.1.3, fillers and unloaders in accordance with Chapter 1.4 shall complete the check-list of 1.4.3.8 for the carriage of gases of Class 2 or substances carried in the liquid state of classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9 in tank-wagons, portable tanks, tank-containers or tank swap bodies."
Justification

10. Introduce the verification check-lists in Chapter 1.4 for consignments of dangerous goods of classes 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9 in tank-wagons, portable tanks, tank-containers or tank swap bodies, in order to improve the supervision of safety in transport tanks and to prevent loss of contents. Enable participants to comply with their obligations in accordance with RID in a traceable manner.
CHECK-LIST CARRIER
TRANSPORT OF DANGEROUS GOODS - CLASS 2, 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9 OF RID

dangerous goods belonging to class 2 [ ]
cross the appropriate box
dangerous goods belonging to other classes [ ]

<table>
<thead>
<tr>
<th>IDENTIFICATION NUMBER TANK-WAGON and TANK-CONTAINER OR PORTABLE TANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME AND DESCRIPTION OF THE SUBSTANCE</td>
</tr>
<tr>
<td>UN Number</td>
</tr>
<tr>
<td>Hazard Identification Number</td>
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<table>
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<th>Class</th>
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<tbody>
<tr>
<td>RID</td>
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<tr>
<td>Section</td>
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<tr>
<td>Compliant</td>
</tr>
<tr>
<td>Note</td>
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<tr>
<td>YES</td>
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<td>1.4.2.2.1</td>
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</tbody>
</table>

NAME OF THE CARRIER:

Name of the agent who carried out the checks:

Date of check:

GLOBAL CHECK (COMPLIANT/NOT COMPLIANT)

Check carried out in the yard/station______________________ Train Number _____________________ from_____________ to ____________

List of inspections to carry out on both sides of wagons/tank-containers (point c3 and d4 of the table above)

<table>
<thead>
<tr>
<th>UIC471-3 Reference Code</th>
<th>Compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>YES</td>
</tr>
<tr>
<td>5.1</td>
<td>Tank body not leakproof, leaks, loss of load</td>
</tr>
<tr>
<td>5.2</td>
<td>Loss of load from the lower loading/discharge mechanism</td>
</tr>
<tr>
<td>5.3</td>
<td>Loss of load from the upper loading/discharge mechanism</td>
</tr>
<tr>
<td>5.4</td>
<td>Dome lid not closed or bolt(s) loose (if visible from below)</td>
</tr>
<tr>
<td>5.5</td>
<td>Obvious defects without leakage (such as cracks, dents, impact damage, visible fasteners not secured, emergency screw correct position, pressure relief valve seal check, diverting valve correct position, metallic twine integrity)</td>
</tr>
<tr>
<td>5.6</td>
<td>Foot valve/discharge valves not in closed position</td>
</tr>
<tr>
<td>5.7</td>
<td>Protective caps missing/not screwed in place</td>
</tr>
<tr>
<td>5.8</td>
<td>Blank flanges/securing bolt(s) missing or loose</td>
</tr>
<tr>
<td>5.9.1</td>
<td>Fold-down panels not secured</td>
</tr>
<tr>
<td>5.9.2</td>
<td>Fold-down panels show incorrect information</td>
</tr>
<tr>
<td>5.10</td>
<td>Date of next tank inspection overdue</td>
</tr>
<tr>
<td>6.1</td>
<td>Placards, shunting labels missing or incorrect</td>
</tr>
<tr>
<td>6.2</td>
<td>Placards, shunting labels damaged</td>
</tr>
<tr>
<td>6.3</td>
<td>Markings as per RID section 5.3.3 (UN 3257 and 3258) are missing, incorrect or damaged</td>
</tr>
<tr>
<td>6.4</td>
<td>Markings as per RID section 5.3.6 (environmentally hazardous substances) are missing, incorrect or damaged</td>
</tr>
<tr>
<td>6.5</td>
<td>Orange band missing (class 2 liquefied, refrigerated liquefied or dissolved gas)</td>
</tr>
<tr>
<td>7.1</td>
<td>Orange-coloured plate (tank/bulk goods) missing or incorrect</td>
</tr>
<tr>
<td>7.2</td>
<td>Orange-coloured plate damaged</td>
</tr>
<tr>
<td>8</td>
<td>Proper shipping name does not match the inscriptions on the wagon (class 2 gases in tank wagons)</td>
</tr>
<tr>
<td>Other</td>
<td>Description of possible non compliance</td>
</tr>
</tbody>
</table>

NAME AND SIGNATURE

Date

Note (RID 1.4.2.2.5): The carrier shall ensure that the manager of the railway infrastructure being used is able to obtain at any time during carriage rapid and unrestricted access to the information allowing him to meet the requirements of 1.4.3.6 b).

1 Only if the transport document contains the phrase “carriage in accordance with 2.2.4.1.13” or “carriage in accordance with 2.2.52.1.8 (*) The box N.A. must only be crossed if the checks are not carried out for the transport in question.
Regulations concerning the International Carriage of Dangerous Goods by Rail - RID 2015
check-list UNLOADER
TRANSPORT DANGEROUS GOODS CLASS 2 OF RID

IDENTIFICATION NUMBER TANK WAGON, TANK CONTAINER OR PORTABLE TANK
TANK CODE, AND SPECIAL PROVISIONS
NAME AND DESCRIPTION OF THE SUBSTANCE
PAYING IDENTIFICATION NUMBER and ST NUMBER (orange-colored plates)
CLASS AND CLASSIFICATION CODE
PACKAGING
CARRIER
TANK WAGON, TANK CONTAINER OR PORTABLE TANK OPERATOR
ENTITY IN CHARGE OF MAINTENANCE

DATE IN
ENTITY IN CHARGE OF MAINTENANCE

SECTION 1.4.3.7

OBJECT OF VERIFICATION

COMPLIANT

1. Check the conformity of the accompanying documents and regulation provisions

2. Ascertain that the deadline of the next test for tank-wagons, portable tanks and tank-containers, has not expired

3. Verify the expiration date of the maintenance of the wagon

4. Arrange the data sheet in the moveable panel and verify that it is correctly fastened to it

5. Ascertain that the correct goods are unloaded by comparing the relevant information on the transport document with the information on the tank or wagon

6. Verify that the substance to be downloaded is authorized for carriage in tank wagons

7. Ascertain prior to the unloading of tanks that both they and their equipment are technically in a satisfactory condition

8. Verify the existence of grounding systems

9. Verify the absence of residues of the dangerous goods adherent to the outside of the tanks

10. Ascertain the conformity of the outside warnings (orange plates, labels or placards)

DOME - Visual check of operating conditions

11. Visual check of the safety valve and the absence of leaks

BOTTOM VALVES MECHANICALLY OR HYdraulically CONTROLLED - CHECK CORRECT CLOSING AND ABSENCE OF LEAKAGE

12. Check if the bottom valve has been correctly closed

13. Check if the bottom valve has been correctly locked

14. Check if the indicator is in the closed position

15. Check the correct positioning of the emergency screw

16. Check metal flange integrity

17. Check that there is no leakage

DISCHARGE VALVES (BOTTOM FILLING/DISCHARGE) - CHECK CORRECT CLOSING AND ABSENCE OF LEAKAGE

18. Check that the discharge valves have been correctly closed

19. Check safety devices against openings

20. Check the sealing seals on the safety valve

21. Check that the bolted blank flange and/or the screw cap have been correctly closed

22. Check that there is no leakage

PRESSURE-RELIEF VALVES (refrigerated liquefied gasses) - CHECK THAT THERE IS NO LEAKAGE

23. Check the seal on the pressure-relief valve

24. Verify that the discharge valve is in correct position (open position)

25. Check that there is no leakage

26. The residual pressure in the tank is sufficient to counter the external pressure (refrigerated liquefied gasses)

DOME COVER VALVES (TOP FILLING/DISCHARGE) - CHECK CORRECT CLOSING AND ABSENCE OF LEAKAGE

27. Check that the valves have been correctly closed

28. Check that there is no leakage

29. Check that the bolted blank flange and/or the screw cap have been correctly closed

30. Check if the device protection against external damage of the valve has been applied

31. Check if security seals are applied on the device protection against external damage of the valve

Name of the Unloader

Date and time

Signature

Initial Check Compliant

Global Check Non-Compliant

Notes / Description of the detected non-compliance

Consent note in accordance with the Contract of Carriage (CM), wagon note in accordance with the General Contract of Use for Wagons (GCU) or another transport document meeting the provisions of section 5.4.1; Checklist Carrier, certificates of the latest tests carried out; restrictions/restrictions on the transport; etc.

4.3.3.4 RID: When the external overpressure could be greater than the tank resistance to external pressure adequate measures shall be taken to protect tanks carrying low pressure liquefied gases against the risk of deformation, e.g. by filling them with nitrogen or another inert gas in order to maintain sufficient pressure inside the tank

ANNEX 2

(English only)
Regulations concerning the International Carriage of Dangerous Goods by Rail - RID 2015

check-list FILLER

TRANSPORT DANGEROUS GOODS CLASS 2 OF RID

IDENTIFICATION NUMBER TANK WAGON, TANK-CONTAINER OR PORTABLE TANK
TANK CODE AND SPECIAL PROVISIONS
NAME AND DESCRIPTION OF THE SUBSTANCE
HAZARD IDENTIFICATION NUMBER and UN NUMBER (orange-coloured plates)
CLASS AND CLASSIFICATION CODE
PLACARDING
CARRIER
TANK WAGON, TANK-CONTAINER/PORTABLE TANK, OPERATOR
ENTITY IN CHARGE OF MAINTENANCE

DATE IN

DATE OUT

RID SECTION point

OBJECT OF VERIFICATION

COMPLIANT

Notes / Description of the detected non-compliance

1
2
3
4
5
6
7
8
9
10

Verify the conformance of the data shown in the movable panel and verify that it is correctly fastened to it
Check the conformity of the accompanying documents and regulation provisions
Ascertain prior to the filling of tanks that both they and their equipment are technically in a satisfactory condition
Verify the existence of grounding systems
Ascertain that the deadline of the next test for tank wagons, portable tanks and tank containers, has not expired
Verify the expiration date of the maintenance of the wagon
Check that the dangerous goods are authorized for carriage in the tank
Verify that the loading requirements for dangerous goods in adjoining compartments are met
Verify the absence of residues of the dangerous goods adhering to the outside of the tanks
Verify the conformance of the outside warnings (orange plates, labels or placards)

Curat if security seals are applied on the device protection against external damage of the valve
Check if the device protection against external damage of the valve has been applied
Check that the bolted blank flange and/or the screw cap have been correctly closed
Check that there is no leakage

Check that the valves have been correctly closed

DOME - Visual check of operating conditions

BOTTOM VALVES MECHANICALLY OR HYDRAULICALLY CONTROLLED - CHECK CORRECT CLOSING AND ABSENCE OF LEAKAGE

Visual check of operating conditions

Check if the bottom valve has been correctly locked
Check if the bottom valve has been correctly locked
Check if the indications are in the closed position
Verify the correct positioning of the emergency release
Check metallic wire integrity
Check that there is no leakage

DISCHARGE VALVES [BOTTOM FILLING/DISCHARGE] - CHECK CORRECT CLOSING AND ABSENCE OF LEAKAGE

Description of repair work carried out - Name of the person who carried out the repair
Name of the Filler
Date and time
Signature

Global Check Compliant
Global Check Non-Compliant
Signal to Carrier/Tank Operator
Reject and signal to Carrier/Tank Operator

This check-list is completed by the Filler or a delegate in order to comply with the requirements of the box 25 of the RID and to respect those contained in chapter 4.4.3.3 (safety obligations of the participants), 4.2.2 (general provisions for the use of portable tanks), 4.3.3.4 (provision for the filling of liquid gas tank wagons and 4.1.1 (Provisions concerning loading, unloading and handling). If the outcome of the check is unfavorable the tank wagon, tank container or portable tank, will not be accepted at loading and the anomalies detected will be reported to the Carrier/Tank Operator. In accordance with the requirements in subsection 7.5.1 of RID, this is reflected in the advice contained in the Check-list "Signal to the Carrier/Tank Operator" or "Reject and signal to the Carrier/Tank Operator". Similarly, if during the loading phase or after the loading anomalies / deficiencies are detected the load will be discontinued, the tank will be emptied even in an emergency, then the safety measures will be implemented and the procedure adopted for returning the cart to the carrier/tank operator.

* The box N.A. must be crossed only in the case in which the verification does not occur for the transport in question.
## Annex 4

(English only)

Regulations concerning the International Carriage of Dangerous Goods by Rail - RID 2015

### TRANSPORT DANGEROUS GOODS CLASS 3, 4, 5, 6, 8 and 9 OF RID

#### OBJECT OF VERIFICATION

<table>
<thead>
<tr>
<th>RID SECTION</th>
<th>OBJECT OF VERIFICATION</th>
<th>COMPLAINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5.1 - 4.2 + 4.3</td>
<td>DOME - Visual check of operating conditions</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Check the conformity of the accompanying documents</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Ascertain that the deadline of the next test for tank-wagons, portable tanks and tank-containers, has not expired</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Verify the expiration date of the maintenance of the wagon</td>
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<tr>
<td>4</td>
<td>Verify the correctness of the data shown in the moveable panel and verify that it is correctly fastened to it</td>
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</tr>
<tr>
<td>5</td>
<td>Ascertain that the correct goods are unloaded by comparing the relevant information on the transport document with the information on the tank or wagon</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Notify that the substance to be downloaded is authorized for carriage in tank</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Ascertain prior to the unloading of tanks that both they and their equipment are technically in a satisfactory condition</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Verify the existence of grounding systems</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Verify the absence of residues of the dangerous goods adherent to the outside of the tanks</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Verify the compliance of the outside markings (orange plates, placards, labels of restrictions on the movement, etc.)</td>
<td></td>
</tr>
</tbody>
</table>

### TRANSPORT DANGEROUS GOODS CLASS 3, 4, 5, 6, 8 and 9 OF RID

#### NOTES / DESCRIPTION OF THE DETECTED NON-COMPLIANCE

- **Compliance with Article 4.3.2.4.3**: Check the correctness of the data shown in the moveable panel and verify that it is correctly fastened to it.
- **Non-compliance with Article 4.3.2.4.3**: If the data shown in the moveable panel is not correct, inform the operator of the loading wagon or portable tank and the operator of the tank or tank-container and, in any case, if the data does not correspond to the information on the transport document, the operator of the loading wagon or portable tank shall provide replacement documents and, if the data on the replacement document does not correspond to the information on the tank, the tank shall be unloaded and, if the tank is not suitable for carriage, it shall be returned to the carrier.

### ACCEPTANCE, DATE AND TIME, SIGNATURE

- **Date and time**: ………………………………………
- **Signature**: …………………………….
- **Name of the Unloader**: …………………………….

### REPORTED ANOMALIES

- **Date and time of anomaly**: ………………………………………
- **Signature**: …………………………….
- **Name of the Unloader**: …………………………….

### OTHER OBLIGATIONS FOR PARTICULAR CLASSES OR SPECIAL PROVISIONS ESTABLISHED BY...

- **Date and time**: ………………………………………
- **Signature**: …………………………….

### SIGNATURE OF PERSONNEL INVOLVED IN THE ACTIVITY

- **Acceptance, date and time, signature**: ……………………………
- **Signal to Carrier/Tank Operator**: ……………………………
Regulations concerning the International Carriage of Dangerous Goods by Rail - RID 2015

check-list FILLER
TRANSPORT DANGEROUS GOODS CLASS 3, 4, 5, 6, 8 and 9 OF RID

IDENTIFICATION NUMBER TANK WAGON, TANK-CONTAINER OR PORTABLE TANK
TASK CODE AND SPECIAL PROVISIONS
HAZARD IDENTIFICATION NUMBER and UN NUMBER (orange-coloured plates)
CLASS AND CLASSIFICATION CODE
PACKAGING CARRIERS
TANK WAGON, TANK-CONTAINER/PORTABLE TANK, OPERATOR
ENTITY IN CHARGE OF MAINTENANCE

<table>
<thead>
<tr>
<th>OBJECT OF VERIFICATION</th>
<th>COMPLIANT</th>
<th>Notes / Description of the detected non-compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>POINT</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>7.5.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Check the conformity of the accompanying documents</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Verify the congruence of the data shown in the movable panel and verify that it is correctly fastened</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Ascertain prior to the filling of tanks that both they and their equipment are technically in a satisfactory condition</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Verify the existence of grounding systems</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Ascertain that the dimension of the tank (tank wagon, portable tanks and tank containers) has not expired</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Verify the expiration date of the maintenance of the tank</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Verify that the dangerous goods are authorized for carriage in this tank</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Verify that the loading requirements for dangerous goods in adjoining compartments are met</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Verify if the maximum permissible filling level or the maximum permissible mass of contents per litre of capacity for the substance being filled has been observed</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Verify the absence of residues of the dangerous goods adherents to the outside of the tanks</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Verify the congruence of the outside warnings (orange plates, placards or labels)</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Check if the dome has been correctly closed</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Completeness of the closing devices and the absence of leakages</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Check the bottom valve has been correctly closed</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Verify if the bottom valve has been correctly closed</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Check if the indicators are in the closed position</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Verify the correct positioning of the emergency indicator</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Check metallic lime integrity</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Check that there is no leakage and/or drips</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Check that there is no leakage and/or drips</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Check that the diverter valve is in correct position (open position)</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Check that the diverter valve has been correctly closed</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Check the screw cap have been correctly closed</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Check that the discharge outlets have been correctly closed</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Check the safety device appears opening</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Check the security seals on the safety device</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Check that the bolted blank flange and/or the screw cap have been correctly closed</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Check that the bolted blank flange and/or the screw cap have been correctly closed</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Check that there is no leakage and/or drips</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Check that there is no leakage</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Check that the device protection against external damage of the valve has been applied</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Check the device protection against external damage of the valve has been applied</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Check safety device against opening</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Check if the indicators are in the closed position</td>
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</tr>
<tr>
<td>35</td>
<td>Check if the bottom valve has been correctly closed</td>
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<tr>
<td>36</td>
<td>Check if the bottom valve has been correctly closed</td>
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</tr>
<tr>
<td>37</td>
<td>Check the security seals on the safety device</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Check that there is no leakage and/or drips</td>
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<td>39</td>
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</table>

Check list for Portable tanks

1. Check the conformity of the accompanying documents
2. Verify the congruence of the data shown in the movable panel and verify that it is correctly fastened
3. Ascertain prior to the filling of tanks that both they and their equipment are technically in a satisfactory condition
4. Verify the existence of grounding systems
5. Ascertain that the dimension of the tank (tank wagon, portable tanks and tank containers) has not expired
6. Verify the expiration date of the maintenance of the tank
7. Verify that the dangerous goods are authorized for carriage in this tank
8. Verify that the loading requirements for dangerous goods in adjoining compartments are met
9. Verify if the maximum permissible filling level or the maximum permissible mass of contents per litre of capacity for the substance being filled has been observed
10. Verify the absence of residues of the dangerous goods adherents to the outside of the tanks
11. Verify the congruence of the outside warnings (orange plates, placards or labels)
12. Check if the dome has been correctly closed
13. Completeness of the closing devices and the absence of leakages
14. Check that the bottom valve has been correctly closed
15. Verify if the bottom valve has been correctly closed
16. Check if the indicators are in the closed position
17. Verify the correct positioning of the emergency indicator
18. Check metallic lime integrity
19. Check that there is no leakage and/or drips
20. Check that there is no leakage and/or drips
21. Check that the diverter valve is in correct position (open position)
22. Check that the diverter valve has been correctly closed
23. Check the screw cap have been correctly closed
24. Check that the discharge outlets have been correctly closed
25. Check the safety device appears opening
26. Check the security seals on the safety device
27. Check that the bolted blank flange and/or the screw cap have been correctly closed
28. Check that the bolted blank flange and/or the screw cap have been correctly closed
29. Check that there is no leakage and/or drips
30. Check that there is no leakage and/or drips
31. Check that the device protection against external damage of the valve has been applied
32. Check the device protection against external damage of the valve has been applied
33. Check safety device against opening
34. Check if the indicators are in the closed position
35. Check if the bottom valve has been correctly closed
36. Check if the bottom valve has been correctly closed
37. Check the security seals on the safety device
38. Check that there is no leakage and/or drips
39. Check that there is no leakage and/or drips

Acceptance, date and time, signature
Signal to Carrier/Tank Operator

Notes / Description of the detected non-compliance