

2nd edition, 2021-1

Inspections of dangerous goods consignments

This document only contains point 5 of IRS 40471-3. All other points and appendices cannot be downloaded freely. The complete IRS is available here : www.shop-ETF.com/

International Railway Solution to be classified in volumes of UIC

IV - Operating

Application:

With effect from 1 January 2021
All members of the International Union of Railway

Record of updates:

1st edition, January 2019	First issue. This IRS takes over the contents of UIC Leaflet 471-3, 10th edition, dated January 2017. Point 5 of the leaflet which is currently referenced in RID has not been modified. The transformation of UIC Leaflet 471-3 in an IRS does not modify its reference in the RID.
2nd edition, January 2021	Second edition Revision of transitional provisions in point 5.

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5 - Inspections

NB: In the light of the transitional provisions set out in *RID 1.6.1.1*, point 5 of *IRS 40471-3, 1st edition* (applicable as of 1 January 2019) shall remain in force until 30 June 2021.

The carrier accepting dangerous goods for carriage at the point of departure shall check the following:

5.1 - That the goods are authorised for carriage under the terms of the *RID* or under the terms of a temporary derogation in accordance with *RID, section 1.5.1*.

To this end, the information entered on the transport document must be compared with that on the list of dangerous goods (*see RID chapter 3.2, Table A*) or with the temporary derogation, in order to check on compliance; the information in question is as follows:

- The hazard identification number, if an orange-coloured plate is affixed in accordance with *RID/ADR 5.3.2.1* or *RID 5.4.1.1.9*;
- The UN number, which must be preceded by the letters "UN";
- The proper shipping name of the substance or article, to which the technical name must be added in brackets insofar as special provisions 274 or 318 of *RID, chapter 3.3* apply;
- For substances or articles in class 1, the classification code contained in *RID, chapter 3.2, table A, column 3b*. If label model numbers other than 1, 1.4, 1.5, 1.6, 13 and 15 are contained in *RID, chapter 3.2, Table A, column 5*, these shall be indicated in parentheses after the classification code;
- For class 7 radioactive substances, the class 7 number;
- For lithium batteries with UN numbers 3090, 3091, 3480 and 3481, the class 9 number;
- For other substances or articles, the label model numbers contained in *RID chapter 3.2, Table A, column 5*, with the exception of the shunting label complying with specimen 13. If several label model numbers are indicated, the numbers following the first number shall be indicated in parentheses. Regarding substances and articles for which there is no label model in *RID chapter 3.2, Table A, column 5*, the class specified in column 3a shall be indicated instead;
- The packaging group, if any, assigned to the substance and contained in *RID chapter 3.2, Table A, column 4*, which may be preceded by the letters "PG" or the initials of the words "packaging group" in the languages used in accordance with *RID 5.4.1.4.1*.

Additionally, it must be checked that the number and description of the packages are indicated in accordance with *RID 5.4.1.1.1e*.

For consignments conveyed under the terms of a temporary derogation in accordance with *RID 1.5.1*, the transport document must specify that carriage is taking place under the terms of such a derogation, e.g. "**Carriage agreed under the terms of 1.5.1 RID (RID 1/2019)**".

5.2 - That a cross is placed in the "RID" box on the transport document as provided for under *RID 5.4.1.4.1* and;

- That the appendices to the carriage document specified in the *RID* are enclosed (agreement from the relevant authority with the conditions of carriage for certain articles and substances in classes 1, 4.1 and 5.2; and that information is provided on measures required of the carrier for class 7 substances) and that the equipment prescribed in the instructions in writing is in the driver's cab;
- That for carriage of dangerous goods in a transport chain involving a section by sea or air, the transport document contains the indication "**Carriage in accordance with 1.1.4.2.1**" and the document mentioned in the footnote referring to *RID, 5.4.1.1.7* is added where necessary;
- For the carriage of dangerous goods in piggyback transport, the transport document contains the indication "**Carriage in accordance with 1.1.4.4**";
- That for class 1 goods, the total net mass, in kg, of explosive contents for each substance or article bearing a different UN Number and the total net mass, in kg, of explosive contents for all substances and articles covered by the transport document are indicated;
- That for the carriage of military consignments to which derogations apply, the transport document contains the indication "**Military consignment**";
- That for the carriage of fireworks with the UN numbers 0333, 0334, 0335, 0336 and 0337, the indication "**Classification of fireworks by the competent authority of XX with the firework reference XX/YYZZZZ**" is indicated in the transport document;
- That for the carriage of environmentally hazardous substances meeting the criteria of *RID, 2.2.9.1.10* the transport document contains the indication "Environmentally hazardous" or "Marine pollutant/Environmentally hazardous".

5.3 - That for the following empty, uncleaned transport units:

- Tank wagons,
- Portable tanks,
- Tank containers,
- MEGCs,
- Wagons and containers for carriage in bulk,
- Receptacles containing gas with a capacity of more than 1 000 litres,

- Battery wagons as well as wagons with empty and uncleaned removable tanks,
- Tank vehicles, vehicles with demountable tanks, battery vehicles and vehicles for bulk goods.

The information specified in *RID*, 5.4.1.1.6 in connection with *RID*, 5.4.1.1.1 is indicated in the transport document.

5.4 - That for class 2 refrigerated, liquefied gas (hazard identification numbers 22, 223 and 225) carried in tank wagons, portable tanks or tank containers, the mandatory entry is made in the carriage document of the actual end of the holding time (see *RID* 5.4.1.2.2 d).

5.5 - That wagons and loads do not have any obvious defects:

- for tanks, special care should be paid to any leakage, crack, missing parts or any impediment to their proper functioning; fold-down panels shall be secured against any untimely opening or loss,
- for tank wagons, battery wagons, wagons with demountable tanks, portable tanks, tank containers and MEGCs, the deadline for the next test shall not have expired.

5.6 - That the prescribed placarding affixed corresponds to the information in the transport document and that any shunting labels have been affixed on:

- Large containers, swap bodies, MEGCs, tank containers, tanks swap-body or portable tanks,
- Wagons for bulk goods, tank wagons, battery wagons, wagons with demountable tanks and wagons carrying packages only,
- Tank vehicles, vehicles with demountable tanks and battery vehicles,

and that the placarding affixed corresponds to the information in the transport document.

That the mark in *RID*, 5.3.3 has been affixed to:

- Tank wagons, tank containers, portable tanks,
- Special wagons or large containers,
- Specially equipped wagons or large containers.

Applicable to those containing a substance that is carried or handed over for carriage in a liquid state at or above 100 °C or in a solid state at or above 240 °C.

That the mark in *RID*, 5.3.6 has been affixed to:

- wagons, large containers, tank containers, portable tanks and MEGCs

containing environmentally hazardous substances meeting the criteria of *RID* 2.2.9.1.10.

For the carriage of class 2 liquefied gases, refrigerated liquefied gases or dissolved gases, tank wagons shall be marked with an orange band (see *RID* 5.3.5).

5.7 - That the following wagons bear an orange-coloured plate in accordance with *RID* 5.3.2

- Tank wagons, battery wagons, wagons with filled or empty demountable tanks which have not been cleaned, degassed or decontaminated,
- Tank containers (tank swap bodies), portable tanks and MEGCs which have been filled and emptied, but not cleaned, degassed or decontaminated,
- Wagons for bulk goods, large containers and small containers for bulk goods, which have been filled and emptied, but not cleaned or decontaminated,
- Tank vehicles, vehicles with demountable tanks and battery vehicles filled or empty but not cleaned, degassed or decontaminated,
- Wagons and containers carrying packaged radioactive materials bearing a single UN number used exclusively for this purpose with no other dangerous goods,

Moreover that the hazard identification numbers and the UN numbers used for this identification tally with the information in the transport document.

5.8 - That for carriage of class 2 gases in tank wagons, the load limits label and the proper shipping name (wagon panel or fold-down panel) correspond to the goods carried and that the latter correspond to the description entered in the transport document.

5.9 - That wagons are not overloaded with regard to the weight specified in the transport document.

5.10 - That tank wagons conveying class 2 gases are not overfilled with regard to the weight specified in the transport document in accordance with *RID*, 5.4.1.2.2 c.

In order to perform the checks described in points **5.5 - page 12** to **5.8**, the wagon inspector shall walk along both sides of the wagons.

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