

Multilateral Special Agreement RID 4/2010

in accordance with section 1.5.1 of RID concerning the carriage of desulfurization agents containing UN 1402 calcium carbide of Class 4.3, packing group I

- (1) By derogation from the provisions in column (17) of Table A of Chapter 3.2 and sub-section 7.3.1.1 of RID, desulfurization agents containing UN 1402 calcium carbide of Class 4.3, packing group I, may be carried in bulk provided that the following conditions for the construction, tests and inspections and use are met:
 1. Carriage in bulk is permitted in bodies of specially equipped wagons (silo wagons) which entered into service before 1 October 2010 and meet the following requirements:
 - 1.1 They shall be made of a metallic material, designed for a minimum working pressure of 2 bar and equipped with a manometer to check the inert gas pressure.
 - 1.2 The discharge device shall consist of two external closure devices in series (flaps or valves and screw-threaded plug or blank flange).
 - 1.3 The tests and inspections shall be carried out in accordance with the provisions applicable to the above-mentioned wagons. They shall, however, at least meet the requirements of sub-section 6.8.2.4 of RID.
 2. As regards use, the following requirements shall be met:
 - 2.1 Loading and unloading shall be effected in accordance with the operating instructions.
 - 2.2 The body shall not be filled to more than 90% of its capacity.
 - 2.3 The product shall be dry and free of oxygen when loaded.
 - 2.4 Before filling, the filler shall ensure that the body and its equipment such as pipes and valves is free of moisture.
 - 2.5 During carriage, the substance filled into the body shall be under a layer of inert gas, the pressure of which shall not be less than 0.5 bar. This shall also apply to uncleaned empty bodies which have contained this substance.
 - 2.6 After carriage, the inert gas pressure shall be checked before discharge. If there is no residual pressure, the body shall be purged with inert gas before discharge.
 3. The following marking requirement shall be met:
 - 3.1 The body of the wagon shall be marked with a durably attached plate which contains the following particulars.
 - maximum allowable working pressure
 - capacity
 - date of entry into service
 - name of owner or operator

- unladen mass of tank wagon
- load limits according to the characteristics of the wagon and the nature of the lines used.

3.2 In addition, the body shall bear the words "DO NOT OPEN DURING CARRIAGE. GIVES OFF FLAMMABLE GASES IN CONTACT WITH WATER".

(2) In addition to the information prescribed, the consignor shall enter in the transport document:

"Carriage agreed according to section 1.5.1 of RID (RID 4/2010)".

(3) This agreement shall be valid until 30 June 2015 for carriage on the territories of the COTIF Member States signatory to this agreement. If it is revoked before that date by one of the signatories, it shall remain valid until the above mentioned date only for carriage on the territories of those COTIF Member States signatory to this agreement which have not revoked it.

Bonn, 19 October 2010

The competent authority for RID
in the Federal Republic of Germany

For the Federal Ministry of Transport,
Building and Urban Development

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