

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Committee of Experts and the

Working Party on the Transport of Dangerous Goods

15 March 2013

Bern, 18–22 March 2013

Item 5(b) of the provisional agenda

Proposals for amendments to RID/ADR/ADN:

new proposals

Gas cylinders in ships and aircrafts

Comment on document ECE/TRANS/WP.15/AC.1/2013/22

Transmitted by the Government of France

1. Sweden proposes to introduce a new special provision in Chapter 3.3 to allow the carriage of gas cylinders that are on board of ships and aircrafts and that do not conform to the requirements of RID/ADR.
2. We thank Sweden to raise this problem probably shared by a lot of countries.
3. When for example a cruise ship calls in at a Mediterranean harbour, acetylene cylinders used for welding may need to be filled, which needs to allow their carriage to and from a filling centre.
4. It seems that aircrafts have often DOT approved gas cylinders but it is not the case for ships.
5. Sweden proposes to deal with gas cylinders containing gases with classification code 1A or 1O. It covers air, argon, helium, nitrogen and oxygen, but other gases commonly used on ships like acetylene (4F), carbon dioxide (2A), nitrous oxide (2O) and hydrogen (1F) are missing.
6. We don't think that RID/ADR needs to take action on inspection. The filling may only be carried out in filling centres with appropriate procedures including checks of the validity of the periodic inspection. If there is any doubt an inspection is carried out before filling but it cannot be considered as the official periodic inspection.

Proposal

7. Introduce a new special provision in Chapter 3.3, which would be applicable to certain gases to be defined and would read as follows:
"6XX Cylinders not conforming to the provisions of 6.2 which are used on board of a ship or aircraft, may be carried for the purpose of filling provided the following conditions are met:
(a) The cylinders shall be designed and constructed in accordance with a standard recognized in the country of approval;
(b) The cylinders shall be carried with a valve protection in conformity with 4.1.6.8;

- (c) The cylinders shall be marked and labelled in conformity with 5.2.1 and 5.2.2;
 - (d) All relevant requirements with regard to filling requirements of P200 shall be fulfilled; and
 - (e) The following entry shall be made in the transport document: "Carriage in accordance with Special Provision 6XX".
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