



**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals****Sub-Committee of Experts on the Transport of Dangerous Goods****Fortieth session**

Geneva, 28 November – 7 December 2011

Item 4 (a) of the provisional agenda

**Miscellaneous proposals of amendments to the Model Regulations
on the Transport of Dangerous Goods: packagings****Definitions – Section 1.2.1****Submitted by the International Organization for Standardisation (ISO)¹****Introduction**

1. The ISO Technical Committee ISO/TC58 – Gas cylinders is revising its standard ISO 10286 – Terminology. One aspect of this work is to harmonise the definitions with those in the Model Regulations. Two of the definitions in the Model Regulations, however, were determined by the ISO working group to be in need of revision and this paper proposes the relevant amendments.
2. The first proposal concern the definition of tubes which at present specifies pressure receptacles of seamless construction. The technology of composite construction is evolving and large composite pressure receptacles are becoming available in sizes from 150 litres to 3000 litres water capacity. Therefore this form of construction needs to be added to the definition.
3. The second proposal concerns a minor editorial change to the definition of Multiple-element gas container (MEGC). At present the definition states "... assembly of cylinders, tubes and bundles of cylinders ..." but 6.7.5.2.3 requires that "... all elements in an MEGC shall be of the same design type." Therefore, cylinders, tubes and bundles of cylinders are alternatives and cannot be used together, i.e. an entire MEGC can only be made from one of these types of pressure receptacles. The "and" should be changed to an "or".

¹ In accordance with the programme of work of the Sub-Committee for 2011-2012 approved by the Committee at its fifth session (refer to ST/SG/AC.10/C.3/76 para. 111 and ST/SG/AC.10/36, para. 16)

Proposal

4. Amend definitions in section 1.2.1 by inserting the new text which is shown underlined.
 5. "*Tube*" means a ~~seamless~~ transportable pressure receptacle of seamless or composite construction having a water capacity exceeding 150 litres and of not more than 3 000 litres;
 6. "*Multiple-element gas container*" (MEGC) means a multimodal assembly of cylinders, tubes ~~and~~ or bundles of cylinders which are interconnected by a manifold and which are assembled within a framework. The MEGC includes service equipment and structural equipment necessary for the transport of gases;
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