



Secretariat

Distr.
GENERAL

ST/SG/AC.10/C.3/2008/5
3 March 2008

Original: ENGLISH

**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

Thirty-third session
Geneva, 30 June-9 July (a.m) 2008
Item 4 of the provisional agenda

**MISCELLANEOUS PROPOSALS OF AMENDMENTS TO THE MODEL REGULATIONS
ON THE TRANSPORT OF DANGEROUS GOODS**

Amendment to paragraphs 6.7.2.6 and 6.7.3.6

Transmitted by the expert from Spain

Introduction

1. Since the definition of “shell” does not include any service equipment, current paragraph 6.7.2.5.3 should be moved to section 6.7.2.6, “Bottom openings”.
2. Modifying and adding the current text is also convenient to identify both “manhole cover” and “necking” as examples of “closing systems”.

Proposal

3. The expert from Spain proposes a new title for paragraph 6.7.2.6:

“Bottom openings, manhole or other inspection openings”

4. The expert from Spain also proposes adding a new paragraph to section 6.7.2.6 to read as follows:

“6.7.2.6.5 All portable tanks shall be fitted with a manhole or other inspection openings of a suitable size to allow for internal inspection and adequate access for maintenance and repair of the interior. Compartmented portable tanks shall have a manhole or other inspection openings for each compartment. However, where pivoting bolts with a hinged manhole cover are used, closures of manhole covers and necking of the tank shall comply with the following requirements:

- (a) Design and construction shall be in accordance with 6.7.2.2, 6.7.2.3 and 6.7.2.4.
- (b) The manhole cover shall have a suitable number of clamping points which result in a sealing system with the necking such as to assure water tightness given the tank’s testing pressure and the sealing material used.

The necking shall have an appropriate number of retained pivoting bolts or clamping points which shall be attached to the necking and shall be fitted with a clamping mechanism of suitable design.

Nevertheless, a minimum of 6 pivoting bolts are required for portable tanks following instructions T1 to T10. 8 pivoting bolts are required for portable tanks following instructions T11 to T22.

- (c) The openings of the manhole cover shall be controlled by a hinge incorporating a stop to prevent the cover from contacting the shell of the tank.

The number of pivoting bolts or clamping points used as closures can be less than the one mentioned above when diameter of the inspection openings is smaller than the diameter of a manhole opening.”.

5. In addition, the expert from Spain proposes replacing the title of 6.7.3.6 “Bottom openings” with the following:

“Manhole and other inspection openings, bottom openings”

and to replace current text in 6.7.3.6.1 with the following text:

6.7.3.6.1: “All portable tanks shall be fitted with a manhole or other inspection openings of a suitable size to allow for internal inspection and adequate access for maintenance and repair of the interior. The closures of the referred openings, in all cases, shall be constructed and designed for the use of bolts or studs according to what is required on paragraphs 6.7.3.2, 6.7.3.3 and 6.7.3.4. However, where threaded blind holes are found, only studs not entering the interior of the tank can be used to join the necking and manhole cover, or the tank and other covers used as inspection openings.”
