



**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-eighth session**

Geneva, 29 November–7 December 2010

Item 6 of the provisional agenda

**Miscellaneous proposals of amendments to the
Model Regulations on the Transport of Dangerous goods****Prevention of dangerous electrostatic discharge****Submitted by the expert from Germany¹****Introduction**

1. According to 4.1.2.1 of the additional general provisions for the use of IBCs it is required that *when IBCs are used for the transport of liquids with a flash point of 60 °C (closed-cup) or lower, or for powders liable to dust explosion, measures shall be taken to prevent a dangerous electrostatic discharge.*

2. Dangerous electrostatic discharge may be a problem not only for IBCs, but also for single packagings. Therefore it is proposed to apply the requirement of 4.1.2.1 for IBCs to all packagings for dangerous goods.

Proposal

3. Insert a new 4.1.1.15 to read as follows:

“4.1.1.15 When packagings, including IBCs are used for the transport of liquids with a flash point of 60 °C (closed-cup) or lower, or for powders liable to dust explosion, measures shall be taken to prevent a dangerous electrostatic discharge.”

¹ In accordance with the programme of work of the Sub-Committee for 2009–2010 approved by the Committee at its fourth session (refer to ST/SG/AC.10/C.3/68, para. 118 (d) and ST/SG/AC.10/36, para. 14).

4. Renumber the following paragraphs as follow:
 - 4.1.1.16 For plastics drums ...
 - 4.1.1.17 Explosives, self-reactive substances and organic peroxides
 - 4.1.1.18 Use of salvage packagings
 - 4.1.1.18.1 Damaged, defective ...
 - 4.1.1.18.2 Appropriate measures ...
 - 4.1.1.18.3 Appropriate measures ...
5. Delete 4.1.2.1
6. Renumber the following paragraphs as follow:
 - 4.1.2.1 Every metal, rigid ...
 - 4.1.2.2 IBCs of type ...
 - 4.1.2.3 Except for routine ...
7. Revise 4.1.8.2 as follow:

“4.1.8.2 The definitions in 1.2.1 and the general packing provisions of 4.1.1.1 to 4.1.1.15, except 4.1.1.10 to 4.1.1.12, apply to infectious substances packages. However, liquids shall only be filled into packagings which have an appropriate resistance to the internal pressure that may develop under normal

8. Revise the following Packing Instructions as follow:

P621	PACKING INSTRUCTION	P621
This instruction applies to UN No. 3291		
The following packagings are authorized provided that the general provisions of 4.1.1, except 4.1.1.1, 4.1.1.16, and 4.1.3 are met:		
....		

IBC620	PACKING INSTRUCTION	IBC620
This instruction applies to UN No. 3291		
The following IBCs are authorized, provided that the general provisions of 4.1.1 , except 4.1.1.1, 4.1.1.16, 4.1.2 and 4.1.3 are met:		
....		
