

## 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

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Geneva, 30 November – 9 December 2009  
Item 2 of the provisional agenda

### EXPLOSIVES AND RELATED MATTERS

#### Classification of sporting cartridges and cartridges for tools

Transmitted by the Sporting Arms and Ammunition Manufacturers' Institute (SAAMI)<sup>1</sup>

#### Introduction

1. This informal paper is in reference to working document ST/SG/AC.10/C.3/2009/38.
2. As a result of consultation with various experts, SAAMI has further developed an option to transport sporting ammunition and associated power device cartridges as Limited Quantities. SAAMI proposes to allow UN 0012, UN 0014 and UN 0055 to be transported as Limited Quantities. SAAMI would propose a 5 kg limit for Column 7(a). SAAMI would not propose any change to the code in Column 7(b) for Excepted Quantities.
3. Since the classification of explosives into division 1.4S may be dependent on the package, SAAMI would propose that a new Special Provision be included in column 6 to make it clear that the Packing Instructions 130 and 136 are retained as applicable.
4. SAAMI proposes to add a new alternative shipping name CARTRIDGES, FOR TOOLS, BLANK, under UN 0014 to facilitate the possibility of Competent Authorities' to classify cartridges for tools under the same regime but without opening up the possibility of transporting as limited quantities other sometimes much larger articles classified under UN 0323, CARTRIDGES, POWER DEVICE (up to 500 grams net explosive quantity, which is 1000 times the amount in CARTRIDGES, FOR TOOLS, BLANK).

#### Proposal

5. Introduce a new Special Provision XYZ in Chapter 3.3 to read:  
**XYZ** When these dangerous goods are transported as Limited Quantities, sections 3.4.2, 3.4.3 and 3.4.5 in Chapter 3.4 do not apply. In addition to the requirements of P130

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<sup>1</sup> 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 (a) and ST/SG/AC.10/36, para. 14).

and P136 respectively, packages for these dangerous goods shall be in accordance with the following provisions:

- (a) Ammunition shall be packed in inner packagings, or in partitions which fit snugly in the outer packaging, or in plastic or metal clips in securely closed outer packagings;
- (b) Primers shall be oriented in such a way as to be protected from accidental initiation, except that UN0014, CARTRIDGES, FOR TOOLS, BLANK and rim-fire cartridges may be placed loose in the outer packagings; and
- (c) The maximum gross weight per outer packaging shall be less than or equal to 30 kg.

6. Change the wording of the entry for *Cartridges, blank* in the glossary of terms in Annex B to add "tools":

Articles which consist of a cartridge case with a centre or rim fire primer and a confined charge of smokeless or black powder but no projectile. Used for training, saluting or in starter pistols, tools, etc.

7. Make the following changes to the table in Chapter 3.2:

UN No.	Name and description	Class or division	Subsidiary risk	UN packing group	Special provisions	Limited and excepted quantities		Packaging and IBC's	
								Packing Instruction	Special packing provisions
0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS†	1.4S			XYZ	5 kg	E0	130	
0014	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK or CARTRIDGES FOR TOOLS, BLANK †	1.4S			XYZ	5 kg	E0	130	
0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER†	1.4S			XYZ	5 kg	E0	136	