

Sub-Committee of Experts on the  
Transport of Dangerous Goods  
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## MISCELLANEOUS DRAFT AMENDMENTS TO THE MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS

### Standards for steel drums

Transmitted by the European Secretariat of Manufacturers of Light Metal Packaging (SEFEL)

### Standards for steel drums

#### Background

In document ST/SG/AC.10/2000/12 the Expert from Spain declared that the hardness and elasticity values of the steel used for the manufacture of steel drums had changed. SEFEL in their INF Paper 58 have stated that the steel and tinplate industry commented on the Spanish declarations that these have proved not to be true.

On the other hand we propose to base the general requirements of steel quality for smaller steel drums in 6.1.4.1.1 on concrete international standards as it has been proposed already for drums of a capacity greater than 100 litres.

In document ST/SG/AC.10/2001/C.3/7 the International Confederation of Drum Manufacturers (ICDM) and the International Confederation of Container Reconditioners (ICCR) have proposed a referring amendment for 6.1.4.1.1.

#### Proposal

According to their mandate SEFEL propose in 6.1.4.1.1 behind the ICDM/ICCR amendment the following additional amendment for smaller steel drums :

“Body and heads shall be constructed of steel sheet of a suitable type and of adequate thickness in relation to the capacity of the drum and to its intended use. For drums of a capacity greater than 100 litres, the chemical and physical properties steel used shall conform to the minimum provisions of ISO 3573 or 3574 for cold-rolled and hot-rolled steel, respectively.

For drums of a capacity not greater than 40 litres, a net mass not exceeding 50 kg and of steel below a thickness of 0.5 mm, the chemical and physical properties of steel used shall conform to the minimum provisions of ISO 11949: Cold-reduced electrolytic tinplate or 11950: Cold-reduced electrolytic chromium/chromium oxide-coated steel or 11951: Cold-reduced blackplate in coil form for the production of tinplate or electrolytic chromium/chromium oxide-coated steel, respectively”.

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