

**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**
(Twenty-second, 2-6 December 2002,
agenda item 3)

**TEXTS ADOPTED BY THE SUB-COMMITTEE AT ITS NINETEENTH, TWENTIETH AND
TWENTY-FIRST SESSIONS AND RELATED PROPOSALS**

**Comments on ST/SG/AC.10/C.3/2002/60 and 2002/61:
Test Method and Criteria for Metal Corrosivity**

Transmitted by the expert from the United States of America

1. The expert from the United States of America has reviewed the text presented in –C.3/2002/60 and –C.3/2002/61 and offers the following comments for considerations by the Sub-committee.
2. For 2002/60:
 - (a) 37.4.1.1: Revise the sentence to read: "Test for determining the corrosive properties of liquids and solids that may become liquid during transport as dangerous goods of Class 8, packing group III."
 - (b) 37.4.1.2: In the introductory sentence change to read: "For exposure to the medium being classified, the specimens shall consist of 2 mm thick plates and shall be made of the following materials:"
 - (c) 37.4.1.2: The paragraph above Figure 2 beginning with the words "At least. . ." should be revised to read:

"At least 3 sets of specimens shall be used for each metal (aluminium, steel). A cup-like reaction receptacle as shown in figure 2 with three necks of suitable size (e.g. NS 29/32 as well as one neck NS 14) to accommodate the specimen as illustrated in figure 1 and a fourth neck of sufficient size to accommodate a reflux condenser shall be used. The entrance of air into the receptacle must be ensured. Aluminium and steel specimens must be tested in different reaction receptacles."
 - (d) 37.4.1.2: In the last paragraph the text after the first line is meant to alert persons carrying out the test to pay attention to certain phenomena that might occur under some circumstances. This text should not be part of the test procedure. It is proposed to delete this text.
 - (e) 37.4.1.3: In the 5th line of the 3rd paragraph revise the text to read: "In those cases an unexposed reference specimen needs to be treated in the same manner"
3. For 2002/61
 - (a) type of steel to be used : As explained in 2002/61, the composition of steel for **S2345JR+CR (1.0037 res. St 37-2), S275J2G3+CR (1.0144 resp. St 44-3), ISO 3574 and Unified Numbering System (UNS) G10200** are the same. For the UN Model Regulations we should avoid using designations that are only known in certain regions or nations. We suggest that only **ISO 3574** be mentioned in the test description (Test Manual).
 - (b) 37.4.1.2 : we assume the word "unexposed" was intended here.
