

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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EXPLOSIVES AND RELATED MATTERS

Amendment to paragraph 16.6.1.3.2 of the Manual of Tests and Criteria, 4th revised edition

Transmitted by the expert from Germany

Introduction

Paragraph 16.6.1.3.2 of the Manual of Tests and Criteria, 4th revised edition describes a method for the external fire (bonfire) test in case of a wood fire. It is suggested that air-dried pieces of wood are used, stacked to form a lattice beneath the grid, and up to the base of the grid supporting the packages or unpacked articles. In the last sentence of this paragraph it is stated that the wood should extend beyond the packages or unpacked articles to a distance of at least 1,0 m in **every** direction.

Experience has shown that “The wood should extend . . . in every direction . . .” is interpreted differently by agencies carrying out this test: in some cases the wooden laths extends beyond the packages or unpacked article horizontally just up to the grid and in some other cases the wood extends beyond the packages or unpacked articles also vertically, thereby surrounding the packaged or unpacked articles. Differing test results are likely to be the consequence.

In order to avoid interpretation errors and to arrive at a common practice with respect to the arrangement of the wood, and herewith to arrive to comparable test results, an amendment to paragraph 16.6.1.3.2 of the Manual of Tests and Criteria, 4th revised edition, is proposed.

Proposal

Amend the last sentence of paragraph 16.6.1.3.2 of the Manual of Tests and Criteria, 4th revised edition, to read (amendment in **bolded** letters):

“16.6.1.3.2 . . . The **wooden laths** should extend beyond the packages or unpacked articles to a distance of at least 1.0 m in every **horizontal** direction and the lateral distance between the laths should be about 100 mm.”

Figure

The figure below shows the test set-up as it is meant by the manual of test and criteria.



Bonfire-test or UN 6(c)-test
