



**Secretariat**

Distr.  
GENERAL

ST/SG/AC.10/C.3/2001/4  
23 March 2001

ORIGINAL : ENGLISH

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**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**  
(Nineteenth session, 2-6 July 2001,  
agenda item 3 (b))

**TANKS**

**Miscellaneous proposals**

**Requirements for the design, construction, inspection and testing of portable tanks**

**Transmitted by the expert from Spain**

In the case of using bursting discs, preceding to a safety valve, it is convenient to take into account the decrease of the section that takes place in the way of the bursting disc, when it is fragmented or closed, if it is not destroyed.

The ASME code settles down in the section VIII Div. 1 UG-129 some prescriptions in this respect.

About this aspect, it is indicated the necessity of marking the valve or the bursting disc, or on a plate or plates, it must include the name of the constructor's valve and the name of the constructor's bursting disc, the factor of combined capacity, that it is the one that it is necessary to multiply, m<sup>3</sup>/h of the safety valve to obtain the real capacity of the combined the device.

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Therefore, it is proposed to add a paragraph at 6.7.2.12.2. that says:

*“In the case of a combined device of a safety valve preceded of a bursting disc, the steam flow through the bursting disc cannot be minor than the flow through the valve and at such effect.*

*A factor of combined capacity of 0.9 should be applied as minimum to the capacity of m<sup>3</sup>/h of the valve given by the manufacturer of it.”*

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