

Key words: type approval type test

standard

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Subject: Type test in standards

Question: How in a standard dealing with transportable pressure equipment or accessories to refer to «type test» without any confusion with the requirements of the regulation dealing with transport of dangerous goods ?

Answer: It is important that a standard defines the list of inspection and test intended to validate the conformity to the standard of the design of a serie of equipment. Nevertheless, the standard shall not be drafted in such a way that the reader can mixed the technical requirements of the standard and the regulatory requirements. The regulation on the transport of dangerous goods does not require necessarily a "type approval" (module B).

In this objective, the following principe of drafting are proposed :

1) in the text of the standard, do not use the terms "type approval", "type agreement" or "conformity to type" which are concept found in the directive TPED or in ADR/RID, but use the terme «validation of prototype».

2) in an informative annex, indicate that :

"The validation of the prototype can be, in application of the regulations, either a procedure purely internal to the manufacturer organisation, either an official assessment procedure with a third party organisation notified in a regulatory context".

3) Furthermore, if necessary, the normative part of the text can precise the modalities of this "validation of prototype", such as, for example :

«The text of validation of prototype are realised with a sampling of «n» equipments representant of the envisaged production and choose by random on a lot of mlanufacture including at least «p» equipments».

«All or part of these tests of validation of protoptype shall be realised in case of important modification of the design or of the manufacture conditions».