

Guideline

H-14

CLAP

FORM N°X174

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Directive References: Annex I § 3.2.2

Subject: Other ESR – Safety valve and proof test for pressure containment aspect

Question: Is it possible to undertake statistical proof testing of series-produced safety valves?

Answer: Yes, when the body of the safety valve classified according to Annex II section 3 does not exceed category I and provided it is supported by the hazard analysis.

Reason: The proof test is intended to verify the pressure containment aspect of the item of pressure equipment. The proof test does not address the safety function which is covered by Annex I section 2.11.1.

Note 1: The safety function of such safety valves needs to be assessed according to category IV (except for safety valves manufactured for specific equipment of category lower than IV).

Note 2: The same reasoning is not applicable to the other items of pressure equipment which are classified by the PED in a higher category than the category derived from their intrinsic characteristics.