

Guideline

Ar.1-02

CLAP

FORM N°Z002

Version : 1

Directive 87/404/EEC

Directive references:

Article 1

Adopted by WPG: **Novembre 1993**

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Subject: Fillers

Question: Do vessels containing fillers intended for the treatment of air or nitrogen fall within the scope (Article 1) of Directive 87/404/EEC?

Answer:

1) If the vessels are intended to contain air or nitrogen and the fillers in the vessels
a) serve to treat air or nitrogen,
b) do not attack the vessel wall and
c) guarantee safe operation in conjunction with the transport medium, the vessels containing these fillers can be treated as simple pressure vessels.

2) When the volume is calculated for the purpose of determining the risk potential, the volume taken up by the fillers may not be subtracted from the volume of the vessel.

Reasons

b1) No fundamental restrictions are placed on fillers provided all of the Directive's requirements are satisfied.

b2) It is not always possible to assume that these vessels will be used only with the planned volume of filler(s).