

Guideline

**SPVD
001**

CLAP

**Form
RPS-001**

Version : 1

Directive 2014/29/EU

Keywords

vessels

air

nitrogen

Directive references:

Article 1

Adopted by WPG: 13/09/2018

Adopted by CLAP: 13/09/2018

Subject: Scope – Vessels containing air or nitrogen

Question: Does a vessel which contains air or nitrogen with a contaminant fall within the scope (Article 1) of Directive 2014/29/EU?

Answer: Yes, provided the vessel is intended to contain air or nitrogen.

Reason: The intent of the Directive is to address simple pressure vessels intended to contain air or nitrogen.

NOTE: It is not the intent of this guideline to recognise fluids other than air or nitrogen that are introduced into the pressure vessel. It is understood that contaminants may disassociate from the air or nitrogen and require removal from the simple pressure vessel in operation.

Guideline

**SPVD
002**

CLAP

**Form
RPS-002**

Version : 1

Directive 2014/29/EU

Keywords

vessels

cylinder diameter

Directive references:

Article 1

Adopted by WPG: 13/09/2018

Adopted by CLAP: 13/09/2018

Subject: Scope – Cylinder diameter of vessels

Question:

Does the ratio of length to width, branch diameter to cylinder diameter or ratio of flat bottom end opening to cylinder diameter affect whether the vessel is in the scope of the SPVD?

Answer:

No.

There are no limits on ratios given in the directive. The design of the vessel, assuming all other conditions are met, requires:

- The requirements given in Annex I, section 2 (b) and (c) shall be applied.
- Wall thickness comply with the requirements of Annex I, section 2.1

By the nature of vessels intended to contain air or nitrogen, several openings will be required to enable operation. These may include sockets, screwed fittings, welded fittings etc.

Guideline

**SPVD
003**

CLAP

**Form
RPS-003**

Version : 1

Directive 2014/29/EU

Keywords

instruction

design

condition of use

Directive references:

Annex I Section 2

Annex III section 2

Adopted by WPG: 13/09/2018

Adopted by CLAP: 13/09/2018

Subject: Design – Conditions of use

Question: Must the manufacturer design for the stresses under conditions of use?

Answer:

Yes, he must design for the known and expected conditions and record them in the instructions provided.

Orientation

**SPVD
004**

CLAP

**FICHE
RPS-004**

Version : 1

Directive 2014/29/UE

Mots clés

corrosion

tolérance de corrosion

protection contre la
corrosion

Référence directive :

Annexe I Section 2.1

Accepté par le GTP :

13/09/2018

Accepté par le CLAP :

13/09/2018

Sujet : Tolérance de corrosion

Question :

L'épaisseur minimale de paroi spécifiée au point 2.1 de l'annexe I inclut-elle une tolérance de corrosion ?

Réponse :

Non,

L'épaisseur minimale de paroi est une exigence distincte de toute nécessité de prévoir une tolérance de corrosion. Par conséquent, dans le cas où la protection contre la corrosion doit être assurée par une augmentation de l'épaisseur de paroi, celle-ci s'ajoute à l'exigence d'épaisseur minimale de paroi du récipient.