

Guideline

1/19

CLAP

FORM N°11

Version : 5

Directive 97/23/EC

Keywords : Pressure control valve

Cylinder

Accumulator

Hydraulic and pneumatic transmissions

Component

Directive references: Article 1 § 3.6 – 97/23/EC

Article 1 § 3.10 – 97/23/EC

Adopted by WPG: 24/03/2000

Adopted by CLAP: 24/03/2000

Subject: Scope – Hydraulic and pneumatic transmissions

Question: Are fluid power components and systems using liquids or gases of group 2 covered by PED?

Answer:

For fluid power components and systems using liquids or gases of group 2 according to Article 9.2.2, the following applies:

(1) Excluded from PED

(1.1) due to exclusion 3.6 of Article 1 (e.g. machinery directive)

- piping and connecting devices for liquids of group 2 when DN < or = 200 whatever the pressure is, and when DN > 200 and PS < or = 500 bar
- piping and connecting devices for gases of group 2 when DN < or = 100 or PS DN < or = 3500 bar
- pressure accessories (e.g. filter housing) no higher than category I
- fluid power actuators, pumps and control valves no higher than category I.

(1.2) due to exclusion 3.10 of Article 1 (refer to CLAP 42 - Guideline 1/11)

- fluid power actuators (e.g. motors, cylinders, ...)
- fluid power pumps
- fluid power control valves (distributors).

(2) Included in the PED

- all accumulators (bladder, piston and diaphragm types)
- pressure equipment not excluded by (1) above.

Modifications compared to the previous adopted version: copy of guideline 1/19 (24/03/00) and editorial correction on 2004-09-16.