

Technical delivery conditions (TDC)

For pressure equipment in accordance with Directive 2014/68/EU (PED)



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Technical delivery conditions (TDC for pressure equipment in accordance with Directive 2014/68/EU (PED))

1 Scope of application

These technical delivery conditions (TDC) apply to the procurement of pressure equipment, in particular pressure vessels, which fall under the Pressure Equipment Directive 2014/68/EU (PED) and are used in our systems. The aim is to ensure the conformity, quality and traceability of the components supplied.

2 Normative principles

The pressure equipment supplied must comply with the requirements of the following regulations:

- Directive 2014/68/EU (Pressure Equipment Directive, PED)
- EN 13445 or comparable harmonised standards
- EN ISO 9606 / ISO 15614 / EN 287 for welding procedures (if applicable)
- Material standards in accordance with EN 10204 (material certificates)

3 Technical requirements

The following data must be complied with by the manufacturer or documented in the documentation:

- Design pressure: [bar]
- Test pressure: [bar] (usually 1.43 times the design pressure)
- Design temperature: [°C]
- Medium: e.g. helium, nitrogen, air
- Volume: [litres]
- Connection type: e.g. G-thread, CF, flange
- Material specification with material number (e.g. 1.4301, 1.4404)
- Pressure equipment category and conformity assessment procedure (e.g. module B + F)

4 Scope of delivery / documentation

The following documents must be supplied unsolicited with the delivery:

- EU Declaration of Conformity according to PED
- CE marking on the pressure equipment
- Material test certificates in accordance with EN 10204 (min. 3.1)
- Production drawing with details of pressure, volume, connections
- Test report on pressure and leak test
- Welding documentation: WPS, WPQR
- Operating and maintenance instructions (if applicable)

5 Quality assurance and acceptance

The manufacturer must provide evidence of a quality assurance system that corresponds to the manufacture of pressure equipment in accordance with the PED. A notified body must be involved if

necessary. Prior to the start of production, the customer may be required to approve the drawing and production. A final acceptance including factory inspection by the customer or his authorised representative may be required.

6 Traceability

All supplied components must be clearly labelled and traceable. Traceability must be ensured through documentation and labelling (e.g. serial number, batch number, manufacturer's mark).

7 Deviations

Deviations from these Technical Terms of Delivery require the written consent of the customer prior to the start of production.



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