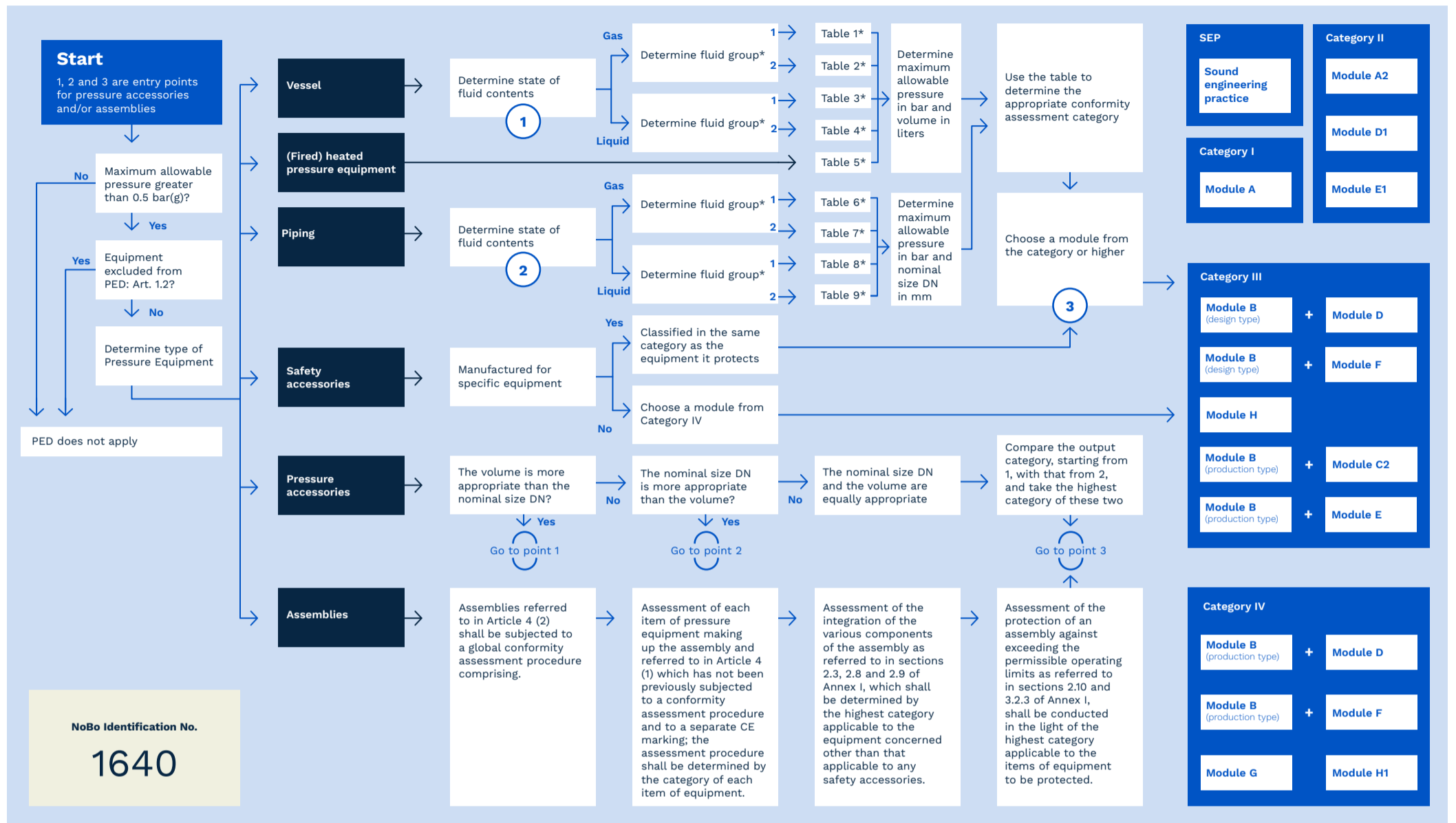


Pressure Equipment Directive

Category and Module Decision Flowchart - 2014/68/EU



PED modules: Notified body involvement summarised

Manufacturers may select from a range of conformity assessment modules to show the Essential Safety Requirements are met.

Which include:

- Manufacturer's self-certification
- Third-party type examination or design examination
- Third-party inspection
- Quality management system certification

Please note:

The following are summaries of the Notified Body's involvement and are not exhaustive. For more information, download our PED app.

Key terms:

CoC - Certificate of Conformity
DoC - Declaration of Conformity
ESRs - Essential Safety Requirements
NoBo - Notified Body

<p>Module SEP Sound engineering Practice</p> <p>Nobo's responsibility: • None</p>	<p>Module A2 Internal production control plus random pressure equipment checks</p> <p>Nobo's responsibility: • Monitor through unexpected visits • Ensure manufacturer performs final assessment according to sec. 3.2 Of ESRs • Take samples of pressure equipment to conduct checks • Assess number to sample and whether it is necessary to perform all or part of final assessment on the samples</p>	<p>Module B (Production Type) EU type examination - Production type</p> <p>Nobo's responsibility: • Examine technical documentation • Assess materials and check certificates • Approve procedures for permanent joining or check they have been previously approved • Verify the joining and nde personnel are qualified or approved • Carry out appropriate examinations and tests to check if the chosen standards are applied correctly • Draw up evaluation report • Issue eu type-examination certificate - production type • Notify nobo approving authority and other NoBos</p>	<p>Module B (Design Type) EU type examination - Design type</p> <p>Nobo's responsibility: • Examine technical documentation • Assess materials • Approve procedures for permanent joining or check they have been previously approved • Draw up evaluation report • Issue EU type-examination certificate - Design type • Notify NoBo approving authority and other NoBos</p>	<p>Module C2 Conformity to type based on internal production control plus random pressure equipment checks</p> <p>Nobo's responsibility: • Carry out checks at random intervals to verify quality of final assessment and internal checks on pressure equipment • Ensure manufacturer performs final assessment according to section 3.2 of ESRs • Take samples of pressure equipment to conduct checks • Assess number to sample and whether it is necessary to perform all or part of final assessment on the samples</p>
<p>Module A Internal production Control</p> <p>Nobo's responsibility: • None</p>	<p>Module D Conformity to type based on production quality assurance</p> <p>Nobo's responsibility: • Assess quality system, including inspection visit • Conduct surveillance visits to ensure manufacturer fulfils obligations from approved quality system • Carry out periodic audits in such a frequency that a full reassessment is carried out every three years • Carry out unexpected visits • Assess proposed changes to the quality system • For category iii and iv vessels for group 1 and 2 gases and group 1 liquids and steam generators, take a sample of equipment and perform proof test referred to in section 3.2.2 of ESRs</p>	<p>Module D1 Production quality assurance</p> <p>Nobo's responsibility: • Assess quality system, including inspection visit • Conduct surveillance visits to ensure manufacturer fulfils obligations from approved quality system • Carry out periodic audits in such a frequency that a full reassessment is carried out every three years • Carry out unexpected visits • Assess proposed changes to the quality system</p>	<p>Module E Conformity to type based on pressure equipment quality assurance</p> <p>Nobo's responsibility: • Assess quality system, including inspection visit • Conduct surveillance visits to ensure manufacturer fulfils obligations from approved quality system • Carry out periodic audits in such a frequency that a full reassessment is carried out every three years • Carry out unexpected visits • Assess proposed changes to the quality system • For category III vessels for Group 1 gases, Group 2 gases and Group 1 liquids and steam generators, take a sample of equipment and perform the the proof test referred to in Sec. 3.2.2 of the ESRs</p>	<p>Module E1 Quality assurance of final pressure equipment inspection and testing</p> <p>Nobo's responsibility: • Assess quality system, including inspection visit • Conduct surveillance visits to ensure manufacturer fulfils obligations from approved quality system • Carry out periodic audits in such a frequency that a full reassessment is carried out every three years • Carry out unexpected visits • Assess proposed changes to the quality system</p>
<p>Module F Conformity to type based on pressure equipment verification</p> <p>Nobo's responsibility: • Examine and test each item of pressure equipment to verify each item conforms to the type and requirements of the Directive • Verify the joining and NDE personnel are qualified or approved • Verify material manufacturers' certificates • Carry out or have carried out final inspection and proof test as referred to in Section 3.2 of the ESRs • Draw up written CoC for the tests carried out</p>	<p>Module G Conformity based on unit verification</p> <p>Nobo's responsibility: • Examine design and construction of each item • Examine technical documentation with respect to design and manufacturing procedures • Assess materials • Verify material manufacturers' certificates • Approve procedures for permanent joining of parts or check previous approval • Verify the joining and NDE personnel are qualified or approved • Perform appropriate tests during manufacture • Carry out final inspection and perform or have performed proof test as referred to in Section 3.2 of the ESRs • Draw up CoC for the tests carried out</p>	<p>Module H Conformity based on full quality assurance</p> <p>Nobo's responsibility: • Assess quality system, including inspection visit • Conduct surveillance visits to ensure manufacturer fulfils obligations from approved quality system • Carry out periodic audits in such a frequency that a full reassessment is carried out every three years • Carry out unexpected visits • Assess proposed changes to the quality system • For category III vessels for Group 1 gases, Group 2 gases and Group 1 liquids and steam generators, take a sample of equipment and perform or have performed the proof test referred to in Section 3.2.2 of the ESRs • For one-off production of category III steam generators, the proof test must be performed for each unit</p>	<p>Module H1 Conformity based on full quality assurance plus design examination</p> <p>Nobo's responsibility in addition to the requirements of module H: • Issue an EC design-examination certificate • Carry out increased surveillance of the final assessment in the form of unexpected visits which must include examinations on the pressure equipment • Assess any modifications to the approved design and give additional approval</p>	