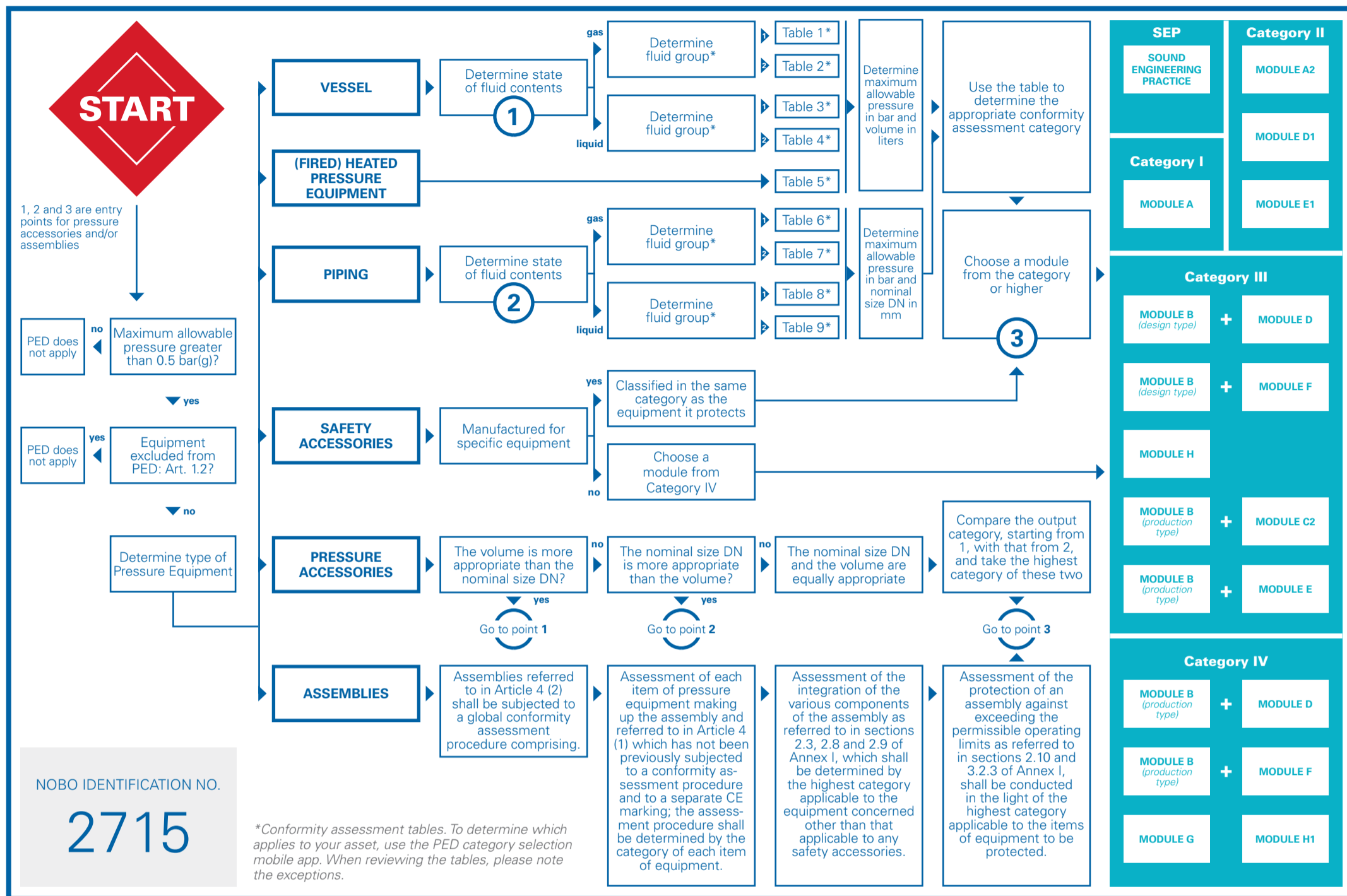


Pressure Equipment Directive



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

Kiwa Inspecta PED calculator app

For help determining PED categories and modules, download the Kiwa Inspecta PED calculator app for Android or IOS by scanning the QR code.

Apple IOS



Android



Module SEP

Sound engineering Practice

Nobo's responsibility:

- None

Module A

Internal production Control

Nobo's responsibility:

- None

Module A2

Internal production control plus random pressure equipment checks

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

Module B (Production Type)

EU type examination - Production type

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

Module B (Design Type)

EU type examination - Design type

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

Module C2

Conformity to type based on internal production control plus random pressure equipment checks

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

Module D

Conformity to type based on production quality assurance

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

Module D1

Production quality assurance

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

Module E

Conformity to type based on pressure equipment quality assurance

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 proof test referred to in Sec. 3.2.2 of the ESRs

Module E1

Quality assurance of final pressure equipment inspection and testing

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

Module F

Conformity to type based on pressure equipment verification

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

Module G

Conformity based on unit verification

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

Module H

Conformity based on full quality assurance

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

Module H1

Conformity based on full quality assurance plus design examination

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