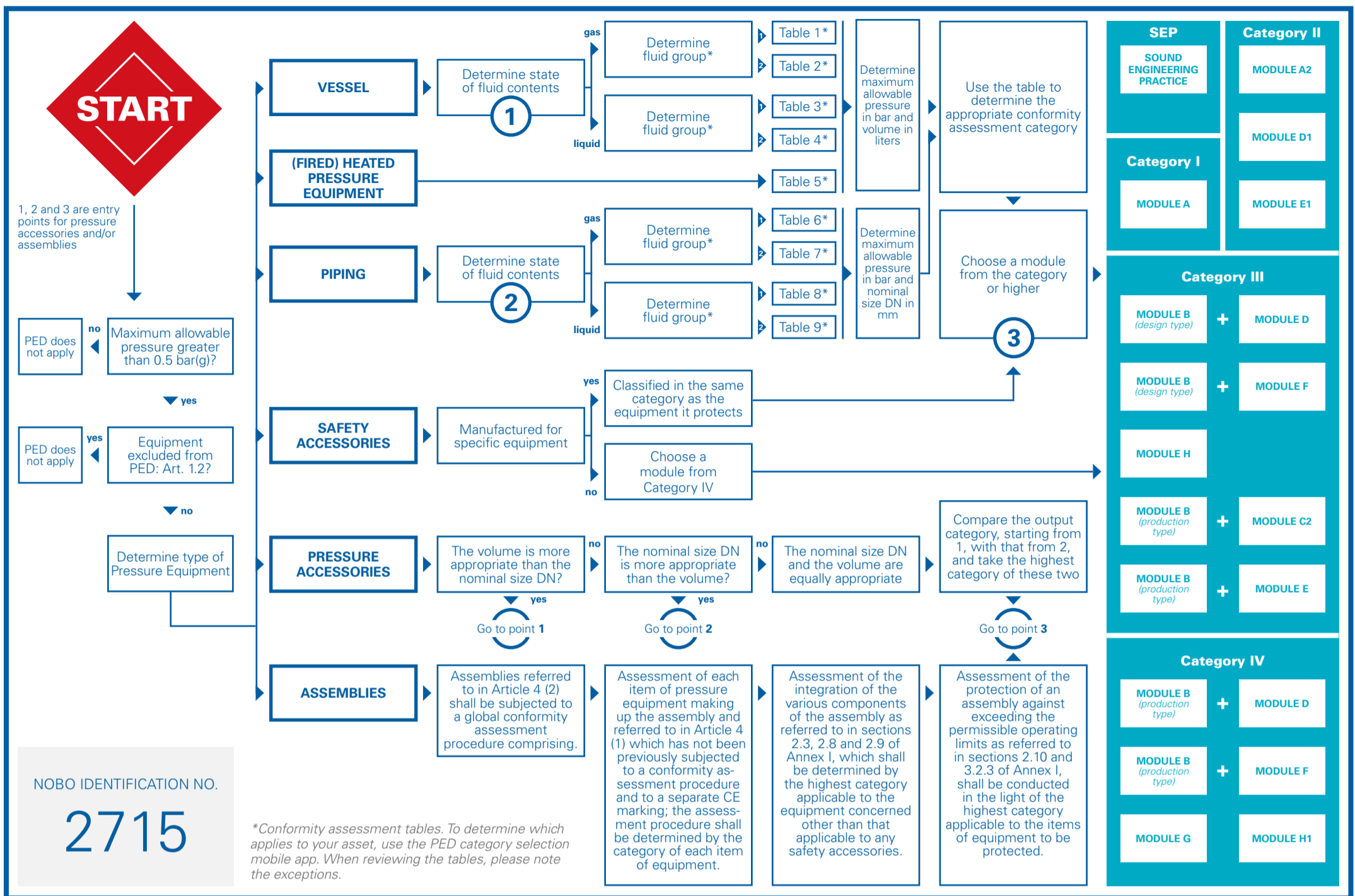


# Pressure Equipment Directive



## 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



<b>Module SEP</b> Sound engineering Practice <b>Nobo's responsibility:</b> • None	<b>Module A2</b> Internal production control plus random pressure equipment checks <b>Nobo's responsibility:</b> • 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	<b>Module B (Production Type)</b> EU type examination - Production type <b>Nobo's responsibility:</b> • 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	<b>Module B (Design Type)</b> EU type examination - Design type <b>Nobo's responsibility:</b> • 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	<b>Module C2</b> Conformity to type based on internal production control plus random pressure equipment checks <b>Nobo's responsibility:</b> • 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
<b>Module A</b> Internal production Control <b>Nobo's responsibility:</b> • None	<b>Module D</b> Conformity to type based on production quality assurance <b>Nobo's responsibility:</b> • 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	<b>Module D1</b> Production quality assurance <b>Nobo's responsibility:</b> • 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	<b>Module E</b> Conformity to type based on pressure equipment quality assurance <b>Nobo's responsibility:</b> • 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	<b>Module E1</b> Quality assurance of final pressure equipment inspection and testing <b>Nobo's responsibility:</b> • 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
<b>Module F</b> Conformity to type based on pressure equipment verification <b>Nobo's responsibility:</b> • 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	<b>Module G</b> Conformity based on unit verification <b>Nobo's responsibility:</b> • 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	<b>Module H</b> Conformity based on full quality assurance <b>Nobo's responsibility:</b> • 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	<b>Module H1</b> Conformity based on full quality assurance plus design examination <b>Nobo's responsibility in addition to the requirements of module H:</b> • 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	