

PED: Pressure Equipment Directive (Directive 2014/68/EU), explained

The Pressure Equipment Directive sets safety requirements, categories I to IV, conformity assessment and CE marking for pressure equipment and assemblies above 0,5 bar, binding manufacturers, authorised representatives, importers and distributors. It has applied since 19 July 2016, replacing Directive 97/23/EC; the emergency procedures added by Directive (EU) 2024/2749 apply from 30 May 2026.

Reviewed 24 September 2026 by Conphora compliance team · Next review 13 March 2027 · Not legal advice

Key facts

Reference	Directive 2014/68/EU	Act type	Directive
In force	17 July 2014	Applies from	19 July 2016
Amended by	Directive (EU) 2024/2749	Enforced by	National market surveillance authorities enforce the national laws transposing the directive; Article 39 still cites Article 15(3) and Articles 16 to 29 of Regulation (EC) No 765/2008, read as Regulation (EU) 2019/1020 since 16 July 2021, whose Annex I lists the directive as point 57 and whose Article 4 requires an economic operator established in the Union for every item of pressure equipment or assembly placed on the market.

Key dates

29 November 1999 Directive 97/23/EC Annex V, Part B, and recital 1
on pressure
equipment applies,
after a transposition
deadline of 29 May
1999; it is the act
Directive
2014/68/EU recasts
and repeals

29 May 2002 End of the transition Art. 48(1)
under Directive
97/23/EC: Member
States may not
impede the putting
into service of
pressure equipment
and assemblies that
complied with the
national rules in
force when that
directive started to
apply and were
placed on the
market until this
date

15 May 2014 Directive title and signature block after Art. 52
2014/68/EU
adopted by the
European
Parliament and the
Council as a recast
of Directive
97/23/EC aligned
with the New
Legislative
Framework

17 July 2014 Entry into force, the Art. 51 and OJ reference
twentieth day after
publication in OJ L
189 of 27 June
2014

28 February 2015 Deadline for Art. 49(1)
Member States to
adopt and publish
the laws
transposing Article
13 on the
classification of

pressure equipment
and the fluid groups

1 June 2015	National measures transposing Article 13 apply; Article 9 of Directive 97/23/EC is deleted; the Commission's power to adopt delegated acts reclassifying pressure equipment runs for five years from this date, tacitly extended; in Denmark Article 13 of annex 1 to executive order nr. 190/2015 applies from the same date	Art. 46(2), Art. 49(1) and Art. 50; § 10, stk. 2
23 June 2015	Corrigendum published in OJ L 157 correcting Article 14(7) on the experimentation derogation and Article 48(2) on the transitional provision in the English and the other language versions	C1 marks at Art. 14(7) and Art. 48(2)
18 July 2016	Deadline for Member States to adopt and publish the laws transposing Article 2(15) to (32), Articles 6 to 12, 14, 17 and 18, Article 19(3) to (5), Articles 20 to 43, 47 and 48 and Annexes I to IV	Art. 49(2)
19 July 2016	National measures apply; Article 1, points 1 to 14 of Article 2, Articles 3, 4, 5, 14, 15 and 16, Article 19(1) and (2)	Art. 48(2) and (3), Art. 49(2), Art. 50 and Art. 51; § 10, stk. 1 and stk. 4; § 1 and § 2

and Articles 44, 45
and 46 apply
directly; Directive
97/23/EC repealed;
equipment
conforming to it and
placed on the
market before this
date may still be
made available and
put into service, and
its certificates and
decisions remain
valid; Danish
executive order nr.
190/2015 in force,
with its annex 1
replaced by
executive order nr.
480 of 25 May 2016
from 1 July 2016

1 December 2018 Sikkerhedsstyrelsen
takes over the
control of pressure
equipment and
simple pressure
vessels in Denmark;
Arbejdstilsynet
keeps custom-made
pressure equipment
and equipment for
offshore use

16 July 2021 Regulation (EU)
2019/1020 applies:
it deletes the
market surveillance
articles of
Regulation (EC) No
765/2008 that
Article 39 cites, lists
the directive as
point 57 of its Annex
I and, under Article
4, requires an
economic operator
established in the
Union for every item
of pressure
equipment or

Art. 4(5), Art. 39(1), Art. 44 and Annex I point 57

assembly placed on
the market

28 November 2024	Directive (EU) 2024/2749 enters into force, the twentieth day after publication in OJ L of 8 November 2024; it adds the definitions of crisis-relevant goods and internal market emergency mode and Chapter 5a on emergency procedures to the directive	Art. 10 and Art. 12
1 January 2026	Sikkerhedsstyrelsen becomes the department Markedsovervågning of Erhvervsstyrelsen and continues the same tasks, including the control of pressure equipment	§ 2, stk. 1, nr. 5, and § 9
29 May 2026	Deadline for Member States to adopt and publish the measures transposing Directive (EU) 2024/2749	Art. 11(1)
30 May 2026	National measures transposing Directive (EU) 2024/2749 apply, so the emergency procedures of Articles 43a to 43e can be activated; in Denmark executive order nr. 493 of 28 May 2026 in force, which places the pressure equipment order under the product act, replaces	Art. 11(2); § 1 and § 2

Arbejdstilsynet by
Erhvervsstyrelsen,
inserts the
emergency
procedures as § 6 a
to § 6 c and reissues
the directive as
amended as annex
1

Obligations by role

Manufacturer (including brand owners and own-use manufacturers)

- Classify each item: decide the fluid group under Article 13, whether the fluid is a gas, liquefied gas, dissolved gas, vapour or liquid with a vapour pressure more than 0,5 bar above atmospheric or another liquid, and read the category I, II, III or IV from Annex II tables 1 to 9 using PS and V for vessels, PS for fired equipment and PS and DN for piping; safety accessories are category IV unless made for specific equipment, pressure accessories follow the vessel or piping tables, vessels and piping for unstable gases in categories I or II move to category III, portable extinguishers and breathing bottles are at least category III, piping above 350 °C in category II under table 7 moves to category III, and the design of pressure cookers needs at least a category III module. Equipment at or below the Article 4 limits follows sound engineering practice instead. Art. 4(1) and (3), Art. 13 and Annex II
- Design and manufacture equipment above the thresholds to the Annex I essential safety requirements: analyse the hazards due to pressure and design to the analysis, eliminate or reduce hazards, protect against those that remain and inform users of residual hazards; design for adequate strength under all foreseeable loads with the calculation, experimental or combined methods of point 2.2 and the safety factors of point 7, provide safe handling, examination, draining, venting and filling, protect against exceeding the allowable limits with safety accessories or monitoring devices, and meet the extra rules for fired equipment in point 5 and piping in point 6; manufacture with qualified personnel and procedures, with permanent joining procedures and personnel approved by a notified body or a recognised third-party organisation for categories II to IV and non-destructive testing personnel approved by a recognised third-party organisation for categories III and IV, keep material traceability, and carry out the final assessment with a final inspection, a proof test, normally a hydrostatic test at the point 7.4 pressure, and for assemblies a check of the safety devices.

Art. 6(1) and Annex I, preliminary observations and points 1 to 7

- Analyse the hazards and risks due to pressure that apply to the equipment, design and construct it taking the analysis into account, eliminate or reduce hazards, protect against those that remain and inform users of residual hazards. Art. 6(1) and Annex I, preliminary observations and point 1
- Design equipment above the thresholds to the Annex I essential safety requirements: adequate strength under all foreseeable loads by the point 2.2 methods and point 7 safety factors, safe handling, examination, draining, venting and filling, protection against exceeding allowable limits, and the extra rules for fired equipment and piping. Art. 6(1) and Annex I, points 2, 5, 6 and 7
- Manufacture with qualified personnel and procedures: have permanent joining procedures and personnel approved by a notified body or recognised third-party organisation for categories II to IV, non-destructive testing personnel approved by a recognised third-party organisation for categories III and IV, and keep material traceability. Annex I, point 3.1
- Carry out the final assessment of the equipment: a final inspection, a proof test, normally a hydrostatic test at the point 7.4 pressure, and for assemblies a check of the safety devices. Annex I, point 3.2
- Use suitable materials: define the design values and essential characteristics, document compliance through harmonised standards, a European approval for materials or a particular material appraisal, which the notified body assesses specifically for categories III and IV, and obtain the material manufacturer's documentation for all materials, in the form of a certificate of specific product control for the main pressure-bearing parts of category II, III and IV equipment; materials conforming to harmonised standards or published European approvals for materials are presumed to comply.

Art. 12, Art. 15 and Annex I, point 4

- Draw up the Annex III technical documentation, with an adequate analysis and assessment of the risks, a general description, design and manufacturing drawings, the explanations needed to understand

them, the harmonised standards applied or the solutions adopted instead, design calculations and examinations, and test reports, and carry out or have carried out the conformity assessment for the category: module A for category I; module A2, D1 or E1 for category II; modules B (design type) + D, B (design type) + F, B (production type) + E, B (production type) + C2 or module H for category III; and modules B (production type) + D, B (production type) + F, G or H1 for category IV, or a procedure of a higher category. Under the quality assurance modules for category III and IV vessels for gases and vapours, vessels for Group 1 liquids and fired equipment the notified body samples equipment on unexpected visits, at least two in the first year, and under module H for one-off category III fired equipment it performs the final assessment of each unit. For assemblies, run the global assessment: each item not yet separately assessed and CE marked by its own category, the integration by the highest category of the items other than safety accessories, and the protection against exceeding the operating limits by the highest category of the items protected. In Denmark the notified body or recognised third-party organisation is designated by Erhvervsstyrelsen, before 30 May 2026 by the director of Arbejdstilsynet, on the basis of DANAK accreditation, or by another Member State.

Art. 6(2), Art. 14 and Annex III; § 6; § 1, nr. 3 and nr. 4

- Draw up the Annex III technical documentation: the risk analysis and assessment, a general description, design and manufacturing drawings with explanations, the harmonised standards applied or the solutions adopted instead, design calculations and examinations, and test reports. Art. 6(2) and Annex III
- Carry out, or have carried out, the conformity assessment for the category: module A for I; A2, D1 or E1 for II; B + D, F, E or C2, or H, for III; B + D or F, G or H1 for IV. In Denmark the notified body is designated by Erhvervsstyrelsen or another Member State. Art. 6(2), Art. 14 and Annex III; § 6; § 1, nr. 3 and nr. 4
- For assemblies, run the global assessment: each item not yet separately assessed by its own category, the integration by the highest category of the items other than safety accessories, and the protection against exceeding the operating limits by the highest category of the items protected. Art. 14(6)
- Draw up the EU declaration of conformity per the Annex IV model, stating that fulfilment of the Annex I essential safety requirements has been demonstrated, containing the elements of the modules used, the notified body and certificate references where appropriate and, for assemblies, the constituent equipment and procedures, continuously updated, translated into the languages required by the Member State where the equipment is placed or made available and, where several Union acts apply, as a single declaration covering them all; affix the CE marking visibly, legibly and indelibly to each item or assembly or its dataplate, or to the packaging and documents where that is impossible, before placing on the market, followed by the notified body's identification number where the body is involved in production control. In Denmark the declaration must be in Danish.

Art. 6(2), Art. 17, Art. 18, Art. 19 and Annex IV; § 5

- Draw up the EU declaration of conformity per the Annex IV model with the elements of the modules used and, for assemblies, the constituent equipment, kept continuously updated, translated into the languages the Member State requires (in Denmark Danish) and, where several Union acts apply, as a single declaration. Art. 6(2), Art. 17 and Annex IV; § 5
- Affix the CE marking visibly, legibly and indelibly to each item or assembly or its dataplate, or to the packaging and documents where that is impossible, before placing on the market, followed by the notified body's number where the body is involved in production control. Art. 18 and Art. 19
- Apply the Annex I point 3.3 marking on the equipment or a firmly attached dataplate: for all equipment the year of manufacture, the identification by type, series or batch and serial number and the essential maximum and minimum allowable limits; where relevant the volume V in L, the nominal size DN, the test pressure PT in bar and its date, the safety device set pressure, the output in kW, the supply voltage, the

intended use, the filling ratio, the maximum filling mass, the tare mass and the fluid group; and warnings against foreseeable misuse; add a type, batch or serial number and your name, registered trade name or trade mark and a single postal contact address, on the packaging or in a document where the equipment does not allow it, in a language easily understood by users and the authorities.

Art. 6(5), Art. 6(6) and Annex I, point 3.3

- Apply the Annex I point 3.3 marking on the equipment or a firmly attached dataplate: the year of manufacture, the type, series or batch and serial identification, the allowable limits and, where relevant, V, DN, PT, set pressure, output, voltage, intended use, filling data, fluid group and warnings against foreseeable misuse. Annex I, point 3.3
- Mark a type, batch or serial number and your name, registered trade name or trade mark and a single postal contact address on the equipment or, where it does not allow it, on the packaging or in a document, in a language users and authorities easily understand. Art. 6(5) and Art. 6(6)
- Supply the equipment with the Annex I point 3.4 operating instructions covering mounting and assembly, putting into service, use and maintenance including user checks, together with the point 3.3 information, in the language the Member State determines, in Denmark Danish; for equipment at or below the thresholds supply adequate instructions for use and apply sound engineering practice. Keep the technical documentation and the declaration for 10 years after placing on the market, keep series production in conformity taking account of changes in design and in the standards referenced, and where the risks warrant it sample-test marketed equipment, investigate and keep a register of complaints, non-conforming equipment and recalls, and keep distributors informed.

Art. 4(3), Art. 6(1), Art. 6(3), Art. 6(4), Art. 6(7) and Annex I, point 3.4; § 5

- Supply the equipment with the Annex I point 3.4 operating instructions for mounting, putting into service, use and maintenance, with the point 3.3 information, in the language the Member State determines, in Denmark Danish; below the thresholds, supply adequate instructions for use.

Art. 4(3), Art. 6(7) and Annex I, point 3.4; § 5

- Keep the technical documentation and the EU declaration of conformity for 10 years after the equipment or assembly was placed on the market. Art. 6(3)
- Keep series production in conformity, taking account of changes in design or characteristics and in the harmonised standards referenced. Art. 6(4)
- Where the risks warrant it, sample-test marketed equipment, investigate complaints, keep a register of complaints, non-conforming equipment and recalls, and keep distributors informed of that monitoring.

Art. 6(4)

- If equipment you placed on the market does not conform, immediately bring it into conformity, withdraw or recall it, inform the competent national authorities of the Member States where you made it available where it presents a risk, provide conformity information and documentation on reasoned request in a language the authority understands, cooperate on risk-elimination measures and identify your suppliers and customers for 10 years; during an activated emergency mode, equipment placed on the market under an Article 43c authorisation carries no CE marking, and you declare on your sole responsibility that it meets all applicable Annex I requirements and complete the procedures the authorisation prescribes. Art. 6(8), Art. 6(9), Art. 11 and Art. 43c(5) to (7)
- If equipment you placed on the market does not conform, immediately bring it into conformity, withdraw or recall it, and where it presents a risk inform the competent national authorities of the Member States where you made it available. Art. 6(8)
- On a reasoned request, provide the authority with the information and documentation demonstrating conformity in a language it understands, and cooperate on measures to eliminate the risks posed by the

equipment. Art. 6(9)

- Be able to identify, for 10 years after each supply, the economic operators that supplied you and the economic operators you supplied. Art. 11
- During an activated emergency mode, for equipment placed on the market under an Article 43c authorisation, affix no CE marking, declare on your sole responsibility that it meets all applicable Annex I requirements, and complete the procedures the authorisation prescribes. Art. 43c(5) to (7)

Authorised representative

- Act under a written mandate that at least lets you keep the EU declaration of conformity and the technical documentation at the disposal of the national market surveillance authorities for 10 years after the equipment or assembly was placed on the market, provide conformity information and documentation on reasoned request, and cooperate with the authorities on risk-elimination measures for the equipment in your mandate. Art. 7(2)
- Act only under a written mandate from the manufacturer that sets out the tasks you perform on its behalf. Art. 7(1) and Art. 7(2)
- Keep the EU declaration of conformity and the technical documentation at the disposal of the national market surveillance authorities for 10 years after the equipment or assembly was placed on the market. Art. 7(2)(a)
- On a reasoned request, provide the authority with the information and documentation demonstrating conformity, and cooperate with it on measures to eliminate the risks of the equipment covered by your mandate. Art. 7(2)(b) and Art. 7(2)(c)
- Do not take over the manufacturer's duty to design and manufacture to the essential safety requirements or to sound engineering practice, or the duty to draw up the technical documentation; those cannot form part of the mandate. Art. 7(1)
- Where the mandate specifies it, lodge the application for EU-type examination with the notified body and keep the certificate and documentation for 10 years on the manufacturer's behalf, and where the notified body instructs it, affix its identification number after the CE marking; be able to identify the economic operators that supplied you and that you supplied for 10 years. Art. 11, Art. 19(4) and Annex III, point 3.1, item 10, and point 3.2, item 10
- Where the mandate specifies it, lodge the application for EU-type examination with the notified body on the manufacturer's behalf. Annex III, point 3.1, item 10, and point 3.2, item 10
- Keep the EU-type examination certificate and its documentation for 10 years on the manufacturer's behalf. Annex III, point 3.1, item 10, and point 3.2, item 10
- Where the notified body instructs it, affix its identification number after the CE marking on the manufacturer's behalf. Art. 19(4)
- Be able to identify, for 10 years after each supply, the economic operators that supplied you and the economic operators you supplied. Art. 11
- Where the manufacturer is outside the Union and no importer exists, you may be the economic operator established in the Union that Regulation (EU) 2019/1020 requires for every item of pressure equipment or assembly placed on the market, verifying the declaration and documentation, informing the authorities of risks and cooperating on corrective action. Art. 4(1) to Art. 4(5)

Importer

- Place only compliant equipment and assemblies on the market, and before placing equipment above the thresholds on the market check that the manufacturer carried out the Article 14 conformity assessment, drew up the technical documentation, affixed the CE marking, supplied the Annex I point 3.3 and 3.4 instructions and safety information and applied the identification and address markings; for equipment at or below the thresholds check the technical documentation, adequate instructions for use and the identification and address; hold back equipment you believe does not meet Annex I and inform the manufacturer and the market surveillance authorities where it presents a risk. Art. 8(1) and Art. 8(2)
- Indicate your name, registered trade name or trade mark and a postal contact address on the equipment or assembly or, where that is not possible, on its packaging or in an accompanying document, in a language easily understood by users and the market surveillance authorities. Art. 8(3)
- Ensure the equipment is accompanied by the Annex I point 3.3 and 3.4 instructions and safety information, or for below-threshold equipment by instructions and safety information, in a language the Member State determines, in Denmark Danish, and keep storage and transport conditions from jeopardising compliance with Annex I while equipment above the thresholds is under your responsibility. Art. 8(4) and Art. 8(5); § 5
- Ensure the equipment is accompanied by the Annex I point 3.3 and 3.4 instructions and safety information, or for below-threshold equipment by instructions and safety information, in a language the Member State determines, in Denmark Danish. Art. 8(4); § 5
- While equipment above the thresholds is under your responsibility, keep storage and transport conditions from jeopardising its compliance with Annex I. Art. 8(5)
- Where the risks warrant it, sample-test marketed equipment, investigate and keep a register of complaints, non-conforming equipment and recalls, and keep distributors informed. Art. 8(6)
- If equipment you placed on the market does not conform, immediately take corrective measures, withdraw or recall it, and where it presents a risk inform the competent national authorities of the Member States concerned with details of the non-compliance and the corrective measures. Art. 8(7)
- Keep a copy of the EU declaration of conformity at the disposal of the market surveillance authorities for 10 years and ensure the technical documentation can be made available on request; provide conformity information on reasoned request in a language the authority understands, cooperate on risk-elimination measures and identify suppliers and customers for 10 years. Art. 8(8), Art. 8(9) and Art. 11
- Keep a copy of the EU declaration of conformity at the disposal of the market surveillance authorities for 10 years after placing on the market, and ensure the technical documentation can be made available on request. Art. 8(8)
- On a reasoned request, provide the authority with the information and documentation demonstrating conformity in a language it understands, and cooperate on measures to eliminate the risks posed by the equipment. Art. 8(9)
- Be able to identify, for 10 years after each supply, the economic operators that supplied you and the economic operators you supplied. Art. 11
- If you place equipment on the market under your own name or trademark, or modify equipment already placed on the market in a way that may affect compliance, you carry the manufacturer's obligations under Article 6. Art. 10

Distributor (wholesaler, retailer or dealer supplying pressure equipment)

- Act with due care and, before making equipment above the thresholds available, verify that it bears the CE marking, is accompanied by the required documents and by the Annex I point 3.3 and 3.4 instructions and safety information in a language users in the Member State understand, and that the manufacturer and importer applied their identification and address markings; for below-threshold equipment verify adequate instructions for use and the identification and address; hold back equipment you believe does not meet Annex I and inform the manufacturer or importer and the market surveillance authorities where it presents a risk. Art. 9(1) and Art. 9(2)
- Keep storage and transport conditions from jeopardising compliance with Annex I while equipment above the thresholds is under your responsibility. Art. 9(3)
- If equipment you made available does not conform, make sure the corrective measures to bring it into conformity, withdraw or recall it are taken, and where it presents a risk immediately inform the competent national authorities of the Member States concerned. Art. 9(4)
- On reasoned request, provide the information and documentation demonstrating conformity, cooperate on risk-elimination measures, and identify the economic operators that supplied you and that you supplied for 10 years. Art. 9(5) and Art. 11
- On a reasoned request, provide the authority with the information and documentation demonstrating conformity in a language it understands, and cooperate on measures to eliminate the risks posed by the equipment. Art. 9(5)
- Be able to identify, for 10 years after each supply, the economic operators that supplied you and the economic operators you supplied. Art. 11
- If you sell under your own name or trademark or modify equipment in a way that may affect compliance, you take on the manufacturer's obligations; in Denmark the declaration, marking and instructions of the equipment you supply must be in Danish. Art. 10; § 5
- If you make equipment available under your own name or trade mark, or modify it in a way that may affect compliance, you take on the manufacturer's obligations under Article 6. Art. 10
- In Denmark, make sure the declaration, marking and instructions of the equipment you supply are in Danish. Art. 9(2); § 5

Penalties

Member States lay down the rules on penalties for infringements by economic operators of their national transposing laws and enforce them; the penalties must be effective, proportionate and dissuasive and may include criminal penalties for serious infringements. Market surveillance authorities evaluate equipment that presents a risk to the health or safety of persons, domestic animals or property, require corrective action, withdrawal or recall within a period commensurate with the risk, inform the notified body, and if the operator fails to act prohibit or restrict the making available, withdraw or recall the equipment and notify the Commission and the other Member States; compliant equipment that still presents a risk can be treated the same way. Formal non-compliance, such as a CE marking affixed wrongly or not at all, a missing or wrongly affixed notified body number, missing Annex I point 3.3 marking, a missing or incorrect EU declaration of conformity, missing or incomplete technical documentation, missing manufacturer or importer identification or any other unmet administrative requirement of Articles 6 and 8, must be ended and otherwise leads to restriction, prohibition, withdrawal or recall. Since 16 July 2021 the surveillance powers come from Regulation (EU) 2019/1020, whose authorities can demand documents and supply-chain information, inspect and check products, require corrective action, prohibit the making available and have equipment withdrawn, recalled or destroyed. In Denmark, executive order nr. 190 of 19 February 2015 punishes with a fine, unless a higher penalty is due under the act on the construction of certain products (lov nr. 155 of 20 February 2013) or other legislation — a subsidiarity clause the 2026 amending order left untouched, although the order itself now rests on the product act — breaches of its § 4 and § 5 and of the directive reproduced in its annex 1, from 30 May 2026 also of the Danish or English language requirement for crisis-relevant labelling, and failure to comply with orders or prohibitions, with corporate liability under the criminal code; the product act lists the directive as product area nr. 5 and gives the control authority orders to warn users, stop misleading marketing, remedy, stop sales, withdraw, recall or destroy, prohibitions, orders to stop sales and remove a wrongly affixed CE marking, and fines that can rise to imprisonment of up to 2 years in aggravating circumstances, such as danger to safety or health, an accident with serious injury or death, repetition or systematic breaches for gain, for breaches of the act, of Regulation (EU) 2019/1020 Article 4 and of the authority's decisions. The control authority is Erhvervsstyrelsen, whose department Markedsovervågning continues the tasks of Sikkerhedsstyrelsen since January 2026; Arbejdstilsynet remains responsible for custom-made pressure equipment and equipment imported for offshore oil and gas activities.

Art. 39, Art. 40, Art. 42, Art. 43 and Art. 47; Art. 14, Art. 16, Art. 39 and Annex I point 57; § 9; § 1, nr. 3 and nr. 6; § 2, stk. 1, nr. 5, § 9,

Checklist

1. Confirm the equipment has a maximum allowable pressure PS above 0,5 bar and is not one of the twenty-one exclusions in Article 1(2), such as simple pressure vessels, transportable pressure equipment, aerosol dispensers, vehicle equipment or category I equipment covered by the machinery, lifts, low voltage, medical devices, gas appliances or ATEX legislation (Article 1).
2. Determine PS, TS, V or DN, the fluid state and the fluid group under Article 13, and check the equipment against the Article 4(1) limits; equipment at or below them follows sound engineering practice with instructions and no CE marking (Articles 4 and 13).
3. Read the category I to IV from Annex II tables 1 to 9 and apply the exceptions: unstable gases, portable extinguishers and breathing bottles, piping above 350 °C, pressure cookers, safety accessories in category IV (Annex II).
4. Decide your role for each product, remembering that selling under your own brand, modifying equipment or manufacturing for your own use makes you the manufacturer (Article 2, point (18), and Article 10).
5. Design to Annex I with a documented hazard analysis, the point 2.2 design methods and point 7 safety factors, protection against exceeding the allowable limits, and materials documented through harmonised standards, a European approval for materials or a particular material appraisal with certificates of specific product control for categories II to IV (Annex I, points 1, 2, 4 and 7).
6. Qualify manufacturing: permanent joining procedures and personnel approved by a notified body or recognised third-party organisation for categories II to IV, non-destructive testing personnel approved by a recognised third-party organisation for categories III and IV, material traceability and the final assessment with the proof test (Annex I, point 3).
7. Choose the module route for the category, A for category I, A2, D1 or E1 for category II, B + D, B + F, B + E, B + C2 or H for category III, B + D, B + F, G or H1 for category IV, and engage a notified body listed by the Commission; for assemblies run the global assessment (Article 14 and Annex III).
8. Compile the Annex III technical documentation with the risk assessment, drawings, standards list, calculations and test reports, and keep it with the declaration for 10 years (Article 6(3) and Annex III).
9. Draw up the Annex IV EU declaration of conformity, as a single declaration where other Union acts also apply, and affix the CE marking and the notified body number before placing on the market, together with the Annex I point 3.3 marking and the point 3.4 instructions in the required language, in Denmark Danish (Articles 17 to 19, Annex I, points 3.3 and 3.4, and executive order nr. 190/2015 § 5).
10. Set up the corrective-action and notification procedure, 10-year supplier and customer traceability and, where the risks warrant it, sample testing and a complaints register, and check whether an internal market emergency mode has activated the Chapter 5a procedures for your equipment (Articles 6(4), 6(8), 8(6), 8(7), 9(4), 11 and 43a).

Sources

1. Directive 2014/68/EU on pressure equipment, consolidated text of 30 May 2026 (EUR-Lex) — <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02014L0068-20260530>
2. Directive 2014/68/EU on pressure equipment as published in OJ L 189, 27 June 2014 (EUR-Lex) — <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32014L0068>
3. Document information, dates, corrigenda and relationships for CELEX 32014L0068 (EUR-Lex) — <https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32014L0068>
4. Directive (EU) 2024/2749 on emergency procedures for the conformity assessment, presumption of conformity, common specifications and market surveillance during an internal market emergency (EUR-Lex) — <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024L2749>
5. Directive 97/23/EC on pressure equipment, repealed from 19 July 2016 (EUR-Lex) — <https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:31997L0023>
6. Regulation (EU) 2019/1020 on market surveillance and compliance of products (EUR-Lex) — <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32019R1020>
7. Pressure Equipment Directive, with the PED guidelines of the Working Group Pressure (European Commission, DG GROW) — https://single-market-economy.ec.europa.eu/sectors/pressure-equipment-and-gas-appliances/pressure-equipment-sector/pressure-equipment-directive_en
8. Harmonised standards for pressure equipment under Directive 2014/68/EU (European Commission, DG GROW) — https://single-market-economy.ec.europa.eu/single-market/european-standards/harmonised-standards/pressure-equipment_en
9. Bekendtgørelse nr. 190 af 19. februar 2015 om indretning m.v. af trykbærende udstyr (Retsinformation) — <https://www.retsinformation.dk/eli/lta/2015/190>
10. Bekendtgørelse nr. 480 af 25. maj 2016 om ændring af bekendtgørelse om indretning m.v. af trykbærende udstyr (Retsinformation) — <https://www.retsinformation.dk/eli/lta/2016/480>
11. Bekendtgørelse nr. 493 af 28. maj 2026 om ændring af bekendtgørelse om indretning m.v. af trykbærende udstyr (Retsinformation) — <https://www.retsinformation.dk/eli/lta/2026/493>
12. Bekendtgørelse af lov om produkter og markedsovervågning, LBK nr. 22 af 8. januar 2026 (Retsinformation) — <https://www.retsinformation.dk/eli/lta/2026/22>
13. Regler for trykbærende udstyr og simple trykbeholdere (Sikkerhedsstyrelsen, Erhvervsstyrelsen Markedsovervågning) — <https://www.sik.dk/erhverv/produkter/trykudstyr/love-og-regler/regler-trykbaerende-udstyr-og-simple-trykbeholdere>
14. Kontrol med trykbærende udstyr og simple trykbeholdere (Sikkerhedsstyrelsen, Erhvervsstyrelsen Markedsovervågning) — <https://www.sik.dk/erhverv/produkter/trykudstyr/vejledninger/kontrol-trykbaerende-udstyr-og-simple-trykbeholdere>
15. Sikkerhedsstyrelsen, en del af Erhvervsstyrelsen from January 2026 (Erhvervsstyrelsen) — <https://erhvervsstyrelsen.dk/sikkerhedsstyrelsen-en-del-af-erhvervsstyrelsen>