

SPVD: Simple Pressure Vessels Directive (Directive 2014/29/EU), explained

The Simple Pressure Vessels Directive sets safety requirements, notified-body assessment, CE marking and inscriptions for series-made welded vessels holding air or nitrogen above 0,5 bar, binding manufacturers, importers and distributors. It has applied since 20 April 2016, replacing Directive 2009/105/EC, and Directive (EU) 2024/2749 adds emergency procedures that 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 2014/29/EU	Act type	Directive
In force	18 April 2014	Applies from	20 April 2016
Amended by	Directive (EU) 2024/2749	Enforced by	National market surveillance authorities enforce the national laws transposing the directive; Article 34 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 48, whose Article 18 replaces the Article 21 of Regulation (EC) No 765/2008 that Article 35(1) cites, and whose Article 4 requires an economic operator established in the Union for every simple pressure vessel placed on the market.

Key dates

1 July 1990	Council Directive 87/404/EEC on simple pressure vessels applies, after a transposition deadline of 31 December 1989; it is the first act in the chain that Directive 2009/105/EC codified and Directive 2014/29/EU recasts	Annex V, Part B
1 July 1992	End of the first transition: until this date Member States had to permit the placing on the market or in service of vessels conforming to the rules in force in their territories before 1 July 1990	Annex V, Part B, footnote 1
1 January 1995	Directive 93/68/EEC on CE marking applies to simple pressure vessels, after a transposition deadline of 30 June 1994; until 1 January 1997 Member States had to allow products complying with the marking arrangements in force before this date	Annex V, Part B, and footnote 2
28 October 2009	Directive 2009/105/EC of 16 September 2009, the codification of Directive 87/404/EEC, enters into force on the twentieth day after publication in OJ L 264 of 8 October 2009; it is the act Directive 2014/29/EU recasts and repeals	Art. 19 and Art. 20; Annex V, Part A
26 February 2014	Directive 2014/29/EU adopted by the European Parliament and the Council as a recast of Directive 2009/105/EC aligned with the New Legislative Framework	title and signature block after Art. 45
18 April 2014	Entry into force, the twentieth day after publication in OJ L 96 of 29 March 2014	Art. 44 and OJ reference
19 April 2016	Deadline for Member States to adopt and publish the laws transposing Article 2, Articles 6 to 41, Annex II and Annex IV	Art. 42(1)
20 April 2016	National measures apply; Articles 1, 3, 4 and 5 and Annexes I and III apply directly; Directive 2009/105/EC repealed; vessels	Art. 41, Art. 42(1), Art. 43 and Art. 44; § 10

covered by it, in conformity with it and placed on the market before this date may still be made available and put into service, and certificates issued by approved inspection bodies under it remain valid; in Denmark executive order nr. 1304 of 23 November 2015 enters into force and repeals executive order nr. 684 of 10 June 2013

1 December 2018 Sikkerhedsstyrelsen takes over the control of pressure equipment and simple pressure vessels in Denmark, while the control authority's own guidance states that Arbejdstilsynet remains the market surveillance authority for pressure equipment made to order and for equipment imported from third countries for offshore oil and gas activities under the offshore safety act. That split works through section 9(2) of the product act, under which the authority that supervises other legislation on specific risks for particular products is the relevant control authority; since amending order nr. 492/2026 replaced every mention of Arbejdstilsynet in the simple pressure vessel order, no executive order names it for these products. Note also that the 'made to order' leg cannot reach a simple pressure vessel: Article 1(1) covers only vessels manufactured in series, so a one-off vessel is outside this directive altogether. In practice only the offshore leg can bite here

16 July 2021 Regulation (EU) 2019/1020 applies: it deletes the market surveillance articles of Regulation (EC) No 765/2008 that Articles 34 and 35 cite, lists the directive as point 48 of its Annex I and, under Article 4, requires an economic operator established in

Art. 4(5), Art. 18, Art. 39(1), Art. 44, Annex I point 48 and Annex III

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market

28 November 2024	Directive (EU) 2024/2749 enters into force, the twentieth day after publication in OJ L of 8 November 2024; its Article 4 adds the definitions of crisis-relevant goods and internal market emergency mode and Chapter 5a on emergency procedures to the directive	Art. 4 and Art. 12
1 January 2026	Sikkerhedsstyrelsen becomes the department Markedsovervågning of Erhvervsstyrelsen and continues the same tasks, including the control of simple pressure vessels	§ 2, stk. 1, nr. 7, 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 38a to 38e can be activated; in Denmark executive order nr. 492 of 28 May 2026 in force, which places the simple pressure vessel order under the product act, replaces Arbejdstilsynet by Erhvervsstyrelsen, inserts the emergency procedures as § 6 a to § 6 c, extends the fine provision and reissues the directive as amended as annex 1	Art. 11(2); § 1 and § 2

Obligations by role

Manufacturer (including brand owners and anyone who has vessels made for them)

- Establish first whether the vessel is a simple pressure vessel at all by testing it against the five cumulative characteristics of Article 1(1) and the three exclusions of Article 1(2), then multiply the maximum working pressure PS in bar by the capacity V in litres: above 50 bar.L the vessel must be designed and manufactured to the Annex I essential safety requirements, at 50 bar.L or less to the sound engineering practice in one of the Member States. Art. 1, Art. 4 and Art. 6(1)
- Choose materials that meet Annex I point 1: pressurised parts capable of being welded, ductile and tough so that a rupture at the minimum working temperature does not give rise to fragmentation or brittle-type fracture, and not adversely affected by ageing, accompanied by an inspection slip drawn up by the producer of the materials. Non-alloy quality steels must be non-effervescent and supplied after normalisation treatment or an equivalent state, with carbon below 0,25 % and sulphur and phosphorus each below 0,05 %, a maximum tensile strength below 580 N/mm², the Annex I point 1.1.1 elongation values and an average bending rupture energy KCV of at least 35 J/cm² on three longitudinal test pieces at the minimum working temperature, with no more than one figure below 35 and none below 25, checked where the minimum working temperature is below minus 10 °C and the wall thickness exceeds 5 mm. Non-alloy aluminium must contain at least 99,5 % aluminium and the Article 1(1)(b) alloys must resist intercrystalline corrosion at the maximum working temperature, be supplied annealed, have a maximum tensile strength of no more than 350 N/mm² and elongation after fracture of at least 16 % parallel and 14 % perpendicular to the direction of rolling. Welding materials must suit and be compatible with the materials welded, and accessories contributing to strength and unpressurised parts must be compatible with the pressurised parts. Annex I, points 1.1 to 1.4
- Design to Annex I point 2: define the use, select the minimum and maximum working temperatures and the maximum working pressure PS, and satisfy the material qualities at minus 10 °C where a higher minimum working temperature is chosen; make the inside inspectable and the vessel drainable, keep the mechanical qualities throughout the period of use, protect against corrosion, keep the vessel from stresses likely to impair safety and keep the internal pressure from permanently exceeding PS, which it may exceed momentarily by up to 10 %; make circumferential and longitudinal seams with full penetration welds or welds of equivalent effectiveness and give convex ends other than hemispherical ones a cylindrical edge. Determine the wall thickness by the calculation method or the experimental method where PS times V is not more than 3 000 bar.L, and by the calculation method alone where it is more than 3 000 bar.L or the maximum working temperature exceeds 100 °C, keeping the actual thickness of the cylindrical section and the ends at no less than 2 mm for steel and 3 mm for aluminium or aluminium alloy. Annex I, points 2, 2.1, 2.1.1 and 2.1.2
- Control the manufacturing process under Annex I point 3: prepare the component parts without surface defects, cracks or changes in the mechanical characteristics detrimental to safety; make welds on pressurised parts with characteristics similar to the welded materials and free of surface or internal defects, performed by qualified welders or operators possessing the appropriate level of competence in accordance with approved welding processes, where the approval and qualification tests are carried out by notified bodies; and ensure consistent weld quality during manufacture through appropriate tests using adequate procedures, recorded in a report. Annex I, points 3, 3.1 and 3.2
- For vessels above 50 bar.L, lodge an application for EU-type examination (Module B) with a single notified body of your choice before manufacture, with a written declaration that the same application has not been lodged elsewhere and the Annex II point 1.3 technical documentation, which must include an adequate analysis and assessment of the risks, a general description, conceptual design and manufacturing drawings with the explanations needed to understand them, the list of harmonised

standards applied in full or in part or descriptions of the solutions adopted instead, design calculations and examination results, test reports, the Annex III point 2 instructions and a document describing the materials, welding processes and checks selected, plus the supporting evidence and, where a prototype is examined, the welding qualification certificates, the material inspection slip and a report on the examinations and tests. Where the vessel follows harmonised standards you may choose design type or production type; where it does not, or only partly, you must submit a prototype for production-type examination. Inform the body of every modification to the approved type and keep the certificate, its annexes and additions with the technical documentation at the disposal of the national authorities for 10 years. Art. 13(1) and Annex II, points 1.2, 1.3, 1.7 and 1.9

- For vessels above 50 bar.L, lodge an application for EU-type examination (Module B) with a single notified body before manufacture, with a written declaration that it has not been lodged elsewhere; submit a prototype where harmonised standards were not, or only partly, followed.

Art. 13(1) and Annex II, point 1.2

- Draw up the Annex II point 1.3 technical documentation: general description, design and manufacturing drawings, standards or solutions applied, design calculations, test reports, the instructions and the materials, welding processes and checks selected. Annex II, point 1.3
- Include in the technical documentation an adequate analysis and assessment of the risks.

Annex II, point 1.3

- Inform the notified body of every modification to the approved type that may affect conformity or the conditions of validity of the certificate. Annex II, point 1.7
- Keep the EU-type examination certificate, its annexes and additions with the technical documentation at the disposal of the national authorities for 10 years after the vessel was placed on the market.

Annex II, point 1.9

- Run the production module that matches the band before placing the vessel on the market: above 3 000 bar.L Module C1 only; above 200 bar.L and up to 3 000 bar.L Module C1 or Module C2 at your choice; above 50 bar.L and up to 200 bar.L Module C1 or Module C at your choice. Under Module C1 present the vessels in uniform batches of at most 3 000 vessels of the model of the same type, and the notified body performs a hydrostatic test or a pneumatic test of equivalent effect on each vessel at a pressure equal to 1,5 times the design pressure, tests test-pieces on the longitudinal welds and repeats them on the circumferential welds where the technique differs, or for the experimental design method runs a hydrostatic test on five vessels taken at random from each batch, affixes its identification number to each vessel of an accepted batch and issues a written certificate of conformity you must be able to supply on request. Under Module C2 the body carries out checks on random samples at random intervals and verifies that you actually test every vessel at 1,5 times the design pressure through staff independent of production. Under Module C the notified body that issued the EU-type examination certificate examines your manufacturing and inspection documents before manufacture begins. Draw up all records and correspondence in an official language of the notified body's Member State or in a language it accepts. Art. 13(2) and (3), Annex II, points 2, 3 and 4, and Annex III, point 3.1(g)
- Draw up the EU declaration of conformity on the Annex IV model, stating that fulfilment of the Annex I essential safety requirements has been demonstrated, containing the elements specified in the modules used, kept continuously updated, translated into the languages required by the Member State where the vessel is placed or made available and, where several Union acts require one, drawn up as a single declaration covering them all; affix the CE marking visibly, legibly and indelibly to the vessel or its data plate before placing it on the market, with the last two digits of the year in which it was affixed and followed by the identification number of the notified body involved in the production control phase,

which the body affixes itself or has you affix under its instructions. Apply the Annex III inscriptions to the vessel or its data plate: the maximum working pressure PS in bar, the maximum working temperature Tmax and the minimum working temperature Tmin in °C, the capacity V in L, your name, registered trade name or registered trade mark and address, and the type and serial or batch identification, with a data plate designed so that it cannot be reused and leaving a vacant space for further information. Supply instructions and safety information repeating those particulars except the serial or batch identification and stating the intended use and the maintenance and installation requirements for vessel safety, clear, understandable and intelligible and in a language easily understood by end-users as determined by the Member State, in Denmark Danish.

Art. 6(2), Art. 6(5), Art. 6(6), Art. 6(7), Art. 14, Art. 16, Annex III, points 1.1, 1.2, 1.3 and 2, and Annex IV; § 5

- Draw up the EU declaration of conformity on the Annex IV model, keep it continuously updated, translate it into the languages the Member State requires and issue a single declaration where several Union acts apply. Art. 6(2), Art. 14 and Annex IV
- Affix the CE marking visibly, legibly and indelibly to the vessel or its data plate before placing it on the market, with the last two digits of the year of affixing and followed by the identification number of the notified body involved in production control. Art. 6(2) and Art. 16
- Apply the Annex III inscriptions to the vessel or a non-reusable data plate: PS, Tmax, Tmin, capacity V, your name, registered trade name or trade mark and address, and the type and serial or batch identification. Art. 6(5), Art. 6(6) and Annex III, points 1.1 to 1.3
- Supply instructions and safety information repeating the inscriptions except the serial or batch identification and stating the intended use and the maintenance and installation requirements, in a language end-users easily understand, in Denmark Danish. Art. 6(7) and Annex III, point 2; § 5
- Keep the technical documentation and the EU declaration of conformity for 10 years after the vessel has been placed on the market, keep procedures in place for series production to remain in conformity taking account of design changes and changes in the harmonised standards or other technical specifications referenced, and where the risks warrant it carry out sample testing of vessels made available, investigate and keep a register of complaints, non-conforming vessels and recalls, keeping distributors informed. If a vessel you placed on the market does not conform, immediately take the corrective measures necessary to bring it into conformity, withdraw it or recall it, and where it presents a risk immediately inform the competent national authorities of the Member States in which you made it available, with details of the non-compliance and the corrective measures; provide all information and documentation demonstrating conformity on reasoned request in a language the authority easily understands, cooperate on any action to eliminate the risks, and be able to identify for 10 years every economic operator who supplied you and every one you supplied. During an activated internal market emergency mode, vessels placed on the market under an Article 38c authorisation bear neither the CE marking nor the Annex III point 1 inscriptions, and you declare on your sole responsibility that they comply with all applicable essential safety requirements and complete the conformity assessment procedures the competent national authority indicates.

Art. 6(3), Art. 6(4), Art. 6(8), Art. 6(9), Art. 11, Art. 38c(5) and Art. 38c(7)

- Keep the technical documentation and the EU declaration of conformity for 10 years after the vessel has been placed on the market. Art. 6(3)
- Keep procedures in place for series production to remain in conformity, taking account of design changes and changes in the harmonised standards or other technical specifications referenced. Art. 6(4)
- Where the risks warrant it, carry out sample testing of vessels made available, investigate, keep a register of complaints, non-conforming vessels and recalls, and keep distributors informed. Art. 6(4)

- If a vessel you placed on the market does not conform, immediately take the corrective measures, withdraw it or recall it, and where it presents a risk immediately inform the competent national authorities of the Member States concerned. Art. 6(8)
- On reasoned request, provide all information and documentation demonstrating the vessel's conformity in a language the authority easily understands, and cooperate on any action to eliminate the risks posed by vessels you placed or made available. Art. 6(9)
- Be able to identify to the market surveillance authorities every economic operator who supplied you with a vessel and every one you supplied, for 10 years. Art. 11
- During an activated internal market emergency mode, vessels placed on the market under an Article 38c authorisation bear neither the CE marking nor the Annex III point 1 inscriptions; you declare their compliance on your sole responsibility and complete the procedures the national authority indicates.

Art. 38c(5) and Art. 38c(7)

Authorised representative

- Act under a written mandate from the manufacturer that at least allows you to keep the EU declaration of conformity and the technical documentation at the disposal of the national market surveillance authorities for 10 years after the vessel has been placed on the market, to provide a competent national authority on reasoned request with all the information and documentation necessary to demonstrate conformity, and to cooperate with the competent national authorities on any action taken to eliminate the risks posed by vessels covered by your mandate. Art. 7(2)
- Do not take over the Article 6(1) obligation to design and manufacture the vessel to the Annex I essential safety requirements or to sound engineering practice, or the obligation to draw up the technical documentation; neither can form part of the mandate. Art. 7(1)
- Where the mandate specifies it, lodge the EU-type examination application with the notified body and keep the certificate and technical documentation for 10 years on the manufacturer's behalf, inform the body of modifications to the approved type, and fulfil the manufacturer's CE marking and EU declaration of conformity obligations under Modules C1, C2 and C on his behalf and under his responsibility; where the notified body instructs it, affix its identification number after the CE marking.

Art. 16(3) and Annex II, points 1.10, 2.5, 3.5 and 4.4

- Where the mandate specifies it, lodge the EU-type examination application with the notified body on the manufacturer's behalf. Annex II, point 1.10
- Where the mandate specifies it, keep the EU-type examination certificate and the technical documentation for 10 years on the manufacturer's behalf. Annex II, point 1.10
- Where the mandate specifies it, inform the notified body of modifications to the approved type. Annex II, point 1.10
- Where the mandate specifies it, fulfil the manufacturer's EU declaration of conformity obligations under Modules C1, C2 and C on his behalf and under his responsibility. Annex II, points 2.5, 3.5 and 4.4
- Where the mandate specifies it, fulfil the CE marking obligations on the manufacturer's behalf and, where the notified body instructs it, affix its identification number after the CE marking. Art. 16(3) and Annex II, points 2.5, 3.5 and 4.4
- Be able to identify to the market surveillance authorities every economic operator who supplied you with a vessel and every one you supplied, for 10 years in each direction; and note that where the manufacturer is established outside the Union and there is no importer, you may be the economic operator established in the Union that Regulation (EU) 2019/1020 requires for every simple pressure vessel placed on the market, verifying the declaration and documentation, informing the authorities of risks and cooperating on corrective action. Art. 11; Art. 4(1) to Art. 4(5) and Annex I point 48
- Be able to identify to the market surveillance authorities every economic operator who supplied you with a vessel and every one you supplied, for 10 years. Art. 11
- Where the manufacturer is established outside the Union and there is no importer, you may be the economic operator established in the Union that Regulation (EU) 2019/1020 requires for every simple pressure vessel placed on the market. Art. 4(1), Art. 4(2) and Annex I point 48
- As that economic operator, verify that the EU declaration of conformity and the technical documentation have been drawn up. Art. 4(3)(a)
- As that economic operator, inform the authorities of risks and cooperate on corrective action.

Art. 4(3)(b) to (d)

Importer

- Place only compliant vessels on the market. Before placing a vessel above 50 bar.L on the market, ensure that the manufacturer carried out the appropriate Article 13 conformity assessment procedure, that he drew up the technical documentation, that the vessel bears the CE marking and the Annex III point 1 inscriptions and is accompanied by the required documents, and that the manufacturer applied the type and serial or batch identification and his name and contact address; where you consider or have reason to believe that such a vessel does not conform to the Annex I essential safety requirements, do not place it on the market until it has been brought into conformity, and where it presents a risk inform the manufacturer and the market surveillance authorities. Art. 8(1) and Art. 8(2)
- Before placing a vessel of 50 bar.L or less on the market, ensure that it was designed and manufactured in accordance with the sound engineering practice in one of the Member States, that it bears the inscriptions provided for in Annex III point 1.2 and that the manufacturer applied the type and serial or batch identification and his name and contact address. Art. 8(2), third subparagraph
- Indicate your name, registered trade name or registered trade mark and the postal address at which you can be contacted on the vessel or, where that is not possible, in a document accompanying it, with the contact details in a language easily understood by end-users and market surveillance authorities. Art. 8(3)
- Ensure the vessel is accompanied by the Annex III point 2 instructions and safety information in a language easily understood by end-users as determined by the Member State concerned, in Denmark Danish, and while a vessel above 50 bar.L is under your responsibility keep its storage or transport conditions from jeopardising its compliance with the Annex I essential safety requirements.
Art. 8(4) and Art. 8(5); § 5
- Ensure the vessel is accompanied by the Annex III point 2 instructions and safety information in a language easily understood by end-users as determined by the Member State concerned, in Denmark Danish. Art. 8(4); § 5
- While a vessel above 50 bar.L is under your responsibility, keep its storage or transport conditions from jeopardising its compliance with the Annex I essential safety requirements. Art. 8(5)
- Where the risks presented by a vessel make it appropriate, carry out sample testing of vessels made available on the market, investigate and, if necessary, keep a register of complaints, non-conforming vessels and recalls, and keep distributors informed; if a vessel you placed on the market does not conform, immediately take the corrective measures to bring it into conformity, withdraw it or recall it, and where it presents a risk immediately inform the competent national authorities of the Member States concerned with details of the non-compliance and the corrective measures. Art. 8(6) and Art. 8(7)
- Where the risks warrant it, carry out sample testing of vessels made available, investigate, keep a register of complaints, non-conforming vessels and recalls, and keep distributors informed. Art. 8(6)
- If a vessel you placed on the market does not conform, immediately take the corrective measures, withdraw it or recall it, and where it presents a risk immediately inform the competent national authorities of the Member States concerned. Art. 8(7)
- For vessels above 50 bar.L 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 to them on request; provide all information and documentation demonstrating conformity on reasoned request in a language the authority easily understands, cooperate on any action to eliminate risks, identify your suppliers and customers for 10 years, and remember that if you place a vessel on the market under your own name or trade mark, or modify a vessel already placed on the market in a way that may affect compliance, you carry the manufacturer's obligations under Article 6.
Art. 8(8), Art. 8(9), Art. 10 and Art. 11

- For vessels above 50 bar.L 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 reasoned request, provide all information and documentation demonstrating the vessel's conformity in a language the authority easily understands, and cooperate on any action to eliminate the risks posed by vessels you placed or made available. Art. 8(9)
- Be able to identify to the market surveillance authorities every economic operator who supplied you with a vessel and every one you supplied, for 10 years. Art. 11
- If you place a vessel on the market under your own name or trade mark, or modify a vessel 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 simple pressure vessels)

- Act with due care in relation to the requirements of the directive when making a vessel available on the market. Art. 9(1)
- Before making available a vessel above 50 bar.L, verify that it bears the CE marking and the Annex III point 1 inscriptions, that it is accompanied by the required documents and by the Annex III point 2 instructions and safety information in a language easily understood by end-users in the Member State where it is to be made available, and that the manufacturer and the importer applied their identification and contact addresses; where you consider or have reason to believe that the vessel does not conform to the Annex I essential safety requirements, do not make it available until it has been brought into conformity, and where it presents a risk inform the manufacturer or the importer and the market surveillance authorities. Art. 9(2)
- Before making available a vessel of 50 bar.L or less, verify that it bears the inscriptions provided for in Annex III point 1.2, that it is accompanied by the Annex III point 2 instructions and safety information in a language easily understood by end-users in that Member State, and that the manufacturer and the importer applied their identification and contact addresses. Art. 9(2), third subparagraph
- While a vessel above 50 bar.L is under your responsibility, keep its storage or transport conditions from jeopardising its compliance with the Annex I essential safety requirements; and if a vessel you made available does not conform, make sure the corrective measures to bring it into conformity, withdraw it or recall it are taken, informing the competent national authorities of the Member States concerned immediately where it presents a risk. Art. 9(3) and Art. 9(4)
- While a vessel above 50 bar.L is under your responsibility, keep its storage or transport conditions from jeopardising its compliance with the Annex I essential safety requirements. Art. 9(3)
- If a vessel you made available does not conform, immediately make sure the corrective measures, withdrawal or recall 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 from a competent national authority, provide all the information and documentation necessary to demonstrate the conformity of a vessel and cooperate on any action taken to eliminate the risks posed by vessels you made available; identify your suppliers and customers for 10 years; and remember that selling under your own name or trade mark or modifying a vessel already placed on the market in a way that may affect compliance makes you the manufacturer. In Denmark the instructions of the vessels you supply must be in Danish. Art. 9(5), Art. 10 and Art. 11; § 5
- On reasoned request, provide all information and documentation demonstrating the vessel's conformity in a language the authority easily understands, and cooperate on any action to eliminate the risks posed by vessels you placed or made available. Art. 9(5)
- Be able to identify to the market surveillance authorities every economic operator who supplied you with a vessel and every one you supplied, for 10 years. Art. 11
- If you place a vessel on the market under your own name or trade mark, or modify a vessel already placed on the market in a way that may affect compliance, you carry the manufacturer's obligations under Article 6. Art. 10

Penalties

Member States lay down the rules on penalties applicable to infringements by economic operators of the provisions of national law adopted under the directive and take all measures necessary to ensure that they are enforced; the penalties must be effective, proportionate and dissuasive and the rules may include criminal penalties for serious infringements. Market surveillance authorities that have sufficient reason to believe a vessel presents a risk to the health or safety of persons, or to domestic animals or property, evaluate it against all the requirements of the directive, require the relevant economic operator without delay to take corrective action, to withdraw the vessel or to recall it within a reasonable period commensurate with the nature of the risk, and inform the relevant notified body; if the operator does not act, they take provisional measures prohibiting or restricting the making available, withdrawing or recalling the vessel and inform the Commission and the other Member States, and a measure no one objects to within three months is deemed justified. Disputed measures go to the Union safeguard procedure, compliant vessels that still present a risk are handled the same way, and formal non-compliance, a CE marking affixed in violation of Article 16 or of Article 30 of Regulation (EC) No 765/2008 or not affixed at all, a wrongly affixed or missing notified body number, missing or wrongly affixed Annex III point 1 inscriptions, an EU declaration of conformity not drawn up or not drawn up correctly, technical documentation that is unavailable or incomplete, absent, false or incomplete manufacturer or importer information, or any other unmet administrative requirement of Article 6 or Article 8, must be ended and otherwise leads to restriction, prohibition, recall or withdrawal. Since 16 July 2021 the surveillance powers come from Regulation (EU) 2019/1020, which lists the directive as point 48 of its Annex I and whose authorities can demand documents and supply-chain information, inspect and check products, require corrective action, prohibit the making available and have vessels withdrawn, recalled or destroyed, with the procedural rights of Article 18 replacing the Article 21 of Regulation (EC) No 765/2008 that Article 35(1) still cites. In Denmark, executive order nr. 1304 of 23 November 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 provisions of the directive reproduced in its annex 1, from 30 May 2026 also of the Danish or English language requirement for crisis-relevant labelling in § 6 a, stk. 3, and failure to comply with decisions, orders or prohibitions issued under the order, with corporate liability under chapter 5 of the criminal code; the product act lists the directive as product area nr. 7 and gives the control authority orders to warn users, stop misleading marketing, remedy, stop sales or supply, withdraw the product effectively and immediately, recall it from users or destroy it, warnings, prohibitions on placing on the market, making available, supplying or taking into use, orders to stop sales and to remove a wrongly affixed CE marking. The act's own penalty is a fine, which can rise to imprisonment of up to 2 years in aggravating circumstances — danger to safety or health, an accident causing serious injury or death, repetition, or a systematic breach for gain — but that escalation reaches only breaches of the act itself, of the authority's decisions and of Articles 4 and 5 of Regulation (EU) 2019/1020, on the product areas the act lists, of which simple pressure vessels are nr. 7. A breach of the executive order's own rules carries a fine only: the act would have allowed the order to set imprisonment for this product area, and the order does not. The control authority is Erhvervsstyrelsen, whose department Markedsovervågning continues the tasks of Sikkerhedsstyrelsen since January 2026; Arbejdstilsynet remains responsible for vessels made to order and vessels imported for offshore oil and gas activities.

Art. 34, Art. 35, Art. 36, Art. 37, Art. 38 and Art. 40; Art. 14, Art. 16, Art. 18, Art. 39, Annex I point 48 and Annex III; § 9; § 1, nr. 3 and

Checklist

1. Test the vessel against the five cumulative characteristics of Article 1(1): manufactured in series, welded, intended for an internal gauge pressure above 0,5 bar and to contain air or nitrogen, not intended to be fired, strength-bearing parts of non-alloy quality steel or non-alloy or non-age hardening aluminium alloy, one of the two Article 1(1)(c) shapes, maximum working pressure of at most 30 bar and PS times V of at most 10 000 bar.L, minimum working temperature no lower than minus 50 °C and maximum working temperature no higher than 300 °C for steel or 100 °C for aluminium; and confirm it is not one of the three Article 1(2) exclusions, a nuclear vessel, a vessel for installation in or the propulsion of ships and aircraft, or a fire extinguisher.
2. Multiply PS in bar by V in litres. At 50 bar.L or less the vessel follows the sound engineering practice of a Member State, needs no notified body, no EU declaration of conformity and no CE marking under Annex III point 1.1, but the manufacturer must still ensure that the vessel bears the inscriptions laid down in point 1 of Annex III — in practice the point 1.2 particulars and, where a data plate is used, the point 1.3 rule that it cannot be reused and must leave a vacant space, since point 1.1 reserves the CE marking for vessels above 50 bar.L — together with the instructions, while importers and distributors verify the narrower point 1.2 list; above 50 bar.L the full regime of Chapter 3 applies (Article 4).
3. Read the route from the band: above 3 000 bar.L Module B plus Module C1; above 200 bar.L up to 3 000 bar.L Module B plus Module C1 or C2; above 50 bar.L up to 200 bar.L Module B plus Module C1 or Module C (Article 13).
4. Decide your role for each vessel, remembering that placing a vessel on the market under your own name or trade mark, or modifying a vessel already on the market in a way that may affect compliance, makes you the manufacturer with the full Article 6 duties (Article 2 and Article 10).
5. Document the materials: weldable, ductile, tough and non-ageing pressurised parts with the material producer's inspection slip, the steel limits on carbon, sulphur, phosphorus, tensile strength, elongation and bending rupture energy or the aluminium limits on purity, annealing, tensile strength and elongation, and compatible welding materials, strength accessories and unpressurised parts (Annex I, point 1).
6. Fix the design values Tmin, Tmax and PS, make the vessel inspectable and drainable and protect it against corrosion, use full penetration seams, and set the wall thickness by the calculation method or the experimental method, with the calculation method mandatory above 3 000 bar.L or above 100 °C and a minimum actual thickness of 2 mm for steel and 3 mm for aluminium (Annex I, point 2).
7. Qualify the welding: approved welding processes and qualified welders or operators, with the approval and qualification tests carried out by notified bodies, plus weld-quality tests during manufacture recorded in a report (Annex I, point 3).
8. Lodge the EU-type examination application with one notified body of your choice, with the Annex II point 1.3 documentation, supporting evidence and, where the harmonised standards are not applied in full, a prototype, and keep the certificate and documentation for 10 years (Article 13 and Annex II, point 1).
9. Draw up the Annex IV EU declaration of conformity as a single declaration where other Union acts also apply, affix the CE marking with the last two digits of the year and the notified body's identification number, apply the Annex III point 1.2 inscriptions to the vessel or a non-reusable data plate and supply the Annex III point 2 instructions in the required language, in Denmark Danish (Articles 14 and 16, Annex III and executive order nr. 1304/2015, § 5).
10. Set up 10-year retention of the technical documentation and the declaration, 10-year supplier and customer traceability, procedures keeping series production in conformity, sample testing and a complaints register where the risks warrant it, and the corrective-action and notification routine, and

check whether an internal market emergency mode has activated the Chapter 5a procedures for your vessels (Articles 6, 11 and 38a).

Sources

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3. Document information, dates, corrigendum and relationships for CELEX 32014L0029 (EUR-Lex) — <https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32014L0029>
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>
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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. 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>
8. Simple Pressure Vessels Directive, with the SPVD 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/simple-pressure-vessels-directive_en
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10. Bekendtgørelse nr. 1304 af 23. november 2015 om indretning m.v. af simple trykbeholdere (Retsinformation) — <https://www.retsinformation.dk/eli/lta/2015/1304>
11. Bekendtgørelse nr. 492 af 28. maj 2026 om ændring af bekendtgørelse om indretning m.v. af simple trykbeholdere (Retsinformation) — <https://www.retsinformation.dk/eli/lta/2026/492>
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>

