

**Status:** There are multiple versions of this provision on screen. These apply to different geographical extents. **Skip to:** E+W+S - England, Wales and Scotland extent N.I. - Northern Ireland extent  
**Changes to legislation:** There are currently no known outstanding effects for the The Simple Pressure Vessels (Safety) Regulations 2016, Paragraph 12. (See end of Document for details)

## SCHEDULE 2

### Conformity Assessment Procedures

## PART 2

### Conformity to type based on internal production control plus supervised vessel testing (Module C1)

#### Vessel checks **E+W+S**

12.—(1) For each individual type of vessel manufactured, the [F<sup>1</sup>approved] body must carry out the appropriate examinations and tests in order to verify the conformity of the vessel with the type described in the [F<sup>2</sup>Type] examination certificate and with the corresponding requirements of these Regulations.

(2) The manufacturer must present the vessels in the form of uniform batches and must take all necessary measures in order that the manufacturing process ensures the uniformity of each batch produced.

(3) When a batch is examined, the [F<sup>1</sup>approved] body must ensure that the vessels have been manufactured and checked in accordance with the technical documentation, and must perform a hydrostatic test or a pneumatic test of equivalent effect on each vessel in the batch at a pressure  $P_h$  equal to 1.5 times the vessel's design pressure in order to check its strength; the pneumatic test must be subject to acceptance of the test safety procedures by the [F<sup>3</sup>Secretary of State].

(4) In order to examine the weld quality, the [F<sup>1</sup>approved] body must carry out tests on test-pieces taken from, at the choice of the manufacturer, either a production test-piece or from a vessel. The tests must be carried out on longitudinal welds; however, where differing weld techniques are used for longitudinal and circumferential welds, the tests must be repeated on the circumferential welds.

(5) For the vessels subject to the experimental methods referred to in paragraph 17 (experimental method) of Schedule 1, these tests on test-pieces must be replaced by a hydrostatic test on five vessels taken at random from each batch in order to check that they conform to the essential safety requirements set out in that paragraph.

(6) In the case of accepted batches, the [F<sup>1</sup>approved] body must affix its identification number, or cause that number to be affixed, to each vessel and must draw up a written certificate of conformity relating to the tests carried out. All vessels in the batch may be placed on the market except for those which have not successfully undergone a hydrostatic test or a pneumatic test.

(7) If a batch is rejected, the [F<sup>1</sup>approved] body must take appropriate measures to prevent the placing on the market of that batch. In the event of frequent rejection of batches, the [F<sup>1</sup>approved] body may suspend the statistical verification.

(8) The manufacturer must be able to supply on request by the relevant authorities the [F<sup>1</sup>approved] body's certificates of conformity referred to in sub-paragraph (6).

(9) The [F<sup>1</sup>approved] body must supply the Secretary of State and, on request, other [F<sup>1</sup>approved] bodies, <sup>F<sup>4</sup></sup>... with a copy of the inspection report issued by it.

(10) The manufacturer must, under the responsibility of the [F<sup>1</sup>approved] body, affix the [F<sup>1</sup>approved] body's identification number during the manufacturing process.

(11) In this paragraph, a “batch” of vessels must consist of no more than 3,000 vessels of the model of the same type.

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### Extent Information

- E1** This version of this provision extends to England and Wales and Scotland only; a separate version has been created for Northern Ireland only

### Textual Amendments

- F1** Words in [Sch. 2](#) substituted (E.W.S.) (31.12.2020) by [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), reg. 1, [Sch. 21 para. 40\(c\)](#) (with [Sch. 21 para. 37](#)) (as amended by [S.I. 2020/676](#), regs. 1(1), 2); 2020 c. 1, Sch. 5 para. 1(1)
- F2** Word in [Sch. 2](#) substituted (E.W.S.) (31.12.2020) by [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), reg. 1, [Sch. 21 para. 40\(e\)](#) (with [Sch. 21 para. 37](#)) (as amended by [S.I. 2020/676](#), regs. 1(1), 2); 2020 c. 1, Sch. 5 para. 1(1)
- F3** Words in [Sch. 2 para. 12\(3\)](#) substituted (E.W.S.) (31.12.2020) by [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), reg. 1, [Sch. 21 para. 40\(j\)](#) (with [Sch. 21 para. 37](#)) (as amended by [S.I. 2020/676](#), regs. 1(1), 2); 2020 c. 1, Sch. 5 para. 1(1)
- F4** Words in [Sch. 2 para. 12\(9\)](#) omitted (E.W.S.) (31.12.2020) by virtue of [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), reg. 1, [Sch. 21 para. 40\(k\)](#) (with [Sch. 21 para. 37](#)) (as amended by [S.I. 2020/676](#), regs. 1(1), 2); 2020 c. 1, Sch. 5 para. 1(1)

### Vessel checks **N.I.**

**12.—(1)** For each individual type of vessel manufactured, the notified body must carry out the appropriate examinations and tests in order to verify the conformity of the vessel with the type described in the EU-type examination certificate and with the corresponding requirements of these Regulations.

(2) The manufacturer must present the vessels in the form of uniform batches and must take all necessary measures in order that the manufacturing process ensures the uniformity of each batch produced.

(3) When a batch is examined, the notified body must ensure that the vessels have been manufactured and checked in accordance with the technical documentation, and must perform a hydrostatic test or a pneumatic test of equivalent effect on each vessel in the batch at a pressure  $P_h$  equal to 1.5 times the vessel's design pressure in order to check its strength; the pneumatic test must be subject to acceptance of the test safety procedures by the [F5relevant state] in which the test is performed.

(4) In order to examine the weld quality, the notified body must carry out tests on test-pieces taken from, at the choice of the manufacturer, either a production test-piece or from a vessel. The tests must be carried out on longitudinal welds; however, where differing weld techniques are used for longitudinal and circumferential welds, the tests must be repeated on the circumferential welds.

(5) For the vessels subject to the experimental methods referred to in paragraph 17 (experimental method) of Schedule 1, these tests on test-pieces must be replaced by a hydrostatic test on five vessels taken at random from each batch in order to check that they conform to the essential safety requirements set out in that paragraph.

(6) In the case of accepted batches, the notified body must affix its identification number, or cause that number to be affixed, to each vessel and must draw up a written certificate of conformity relating to the tests carried out. All vessels in the batch may be placed on the market except for those which have not successfully undergone a hydrostatic test or a pneumatic test.

(7) If a batch is rejected, the notified body must take appropriate measures to prevent the placing on the market of that batch. In the event of frequent rejection of batches, the notified body may suspend the statistical verification.

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(8) The manufacturer must be able to supply on request by the relevant authorities the notified body's certificates of conformity referred to in sub-paragraph (6).

(9) The notified body must supply the Secretary of State and, on request, other notified bodies, other [<sup>F6</sup>relevant states] and the Commission, with a copy of the inspection report issued by it.

(10) The manufacturer must, under the responsibility of the notified body, affix the notified body's identification number during the manufacturing process.

(11) In this paragraph, a "batch" of vessels must consist of no more than 3,000 vessels of the model of the same type.

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#### **Extent Information**

**E2** This version of this provision extends to Northern Ireland only; a separate version has been created for England and Wales and Scotland only

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#### **Textual Amendments**

**F5** Words in [Sch. 2 para. 12\(3\)](#) substituted (N.I.) (31.12.2020) by [The Pressure Vessels \(Amendment\) \(Northern Ireland\) \(EU Exit\) Regulations 2020 \(S.I. 2020/678\)](#), reg. 1(b), [Sch. 1 para. 8\(1\)\(b\)](#)

**F6** Words in [Sch. 2 para. 12\(9\)](#) substituted (N.I.) (31.12.2020) by [The Pressure Vessels \(Amendment\) \(Northern Ireland\) \(EU Exit\) Regulations 2020 \(S.I. 2020/678\)](#), reg. 1(b), [Sch. 1 para. 8\(1\)\(c\)](#)

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