

SCHEDULE 1

Essential Safety Requirements

PART 3

Manufacturing processes

18. Vessels must be constructed and subjected to production checks in accordance with Parts 2, 3 or 4 of Schedule 2.

Preparation of the component parts

19. Preparation of the component parts (for example forming and chamfering) must not give rise to surface defects or cracks or changes in the mechanical characteristics likely to be detrimental to the safety of the vessels.

Welds on pressurised parts

20. The characteristics of welds and adjacent zones must be similar to those of the welded materials and must be free of any surface or internal defects detrimental to the safety of the vessels.

E+W+S

21.—(1) Welds must be performed by qualified welders or operators possessing the appropriate level of competence, in accordance with approved welding processes.

(2) In sub-paragraph (1)—

- (a) “qualified” means qualified by means of tests carried out by [^{F1}an approved] body; and
- (b) “approved” means approved by [^{F1}an approved] body.

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. 1 para. 21\(2\)](#) 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. 39](#) (with [Sch. 21 para. 37](#)) (as amended by [S.I. 2020/676](#), regs. 1(1), 2); 2020 c. 1, Sch. 5 para. 1(1)

N.I.

21.—(1) Welds must be performed by qualified welders or operators possessing the appropriate level of competence, in accordance with approved welding processes.

(2) In sub-paragraph (1)—

- (a) “qualified” means qualified by means of tests carried out by a notified body; and
- (b) “approved” means approved by a notified body.

Changes to legislation: There are currently no known outstanding effects for the The Simple Pressure Vessels (Safety) Regulations 2016, PART 3. (See end of Document for details)

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

22. The manufacturer must also, during manufacture, ensure consistent weld quality by conducting appropriate tests using adequate procedures. These tests must be the subject of a report.

Putting into service of the vessels

- 23.** Vessels must be accompanied by the instructions and safety information.

Changes to legislation:

There are currently no known outstanding effects for the The Simple Pressure Vessels (Safety) Regulations 2016, PART 3.