

AFCEN RCC-M Errata 009 – EN

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afcen

AFCEN

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NOTE TO USERS

This document provides the corrections described in the table below, affecting the code editions, versions and paragraphs mentioned.

Code edition(s)	Version(s)	Errata description	Paragraph(s)
2018, 2020	English, French	<i>Correction of an error (it was asked for procedures to be approved by a competent third party but not for permanent joining personnel).</i> <i>This correction is mandatory to ensure compliance with ESR 3.1.2 of Annex I of 2014/68/UE Directive.</i>	ZZ 300

Modified pages are presented in chronological order for 2018 and 2020 editions.

Modified parts of text appear in red.

ZZ 300 ESR 3.1.2 PERMANENT JOINING

PERMANENT JOINING

For category II, III and IV pressure equipment, the permanent joining procedures **and personnel** are approved by a competent third-party selected by the manufacturer, either:

- a notified body,
- or a third party body recognized by a member State as provided for in article 20 of Directive 2014/68/EU dated 15 May 2014.

MECHANICAL EXPANDING

For vessels, if the manufacturer adopts improved mechanical expanding as per F 4420, he shall take into consideration the risk of stress corrosion on the inner skin.

ZZ 300 ESR 3.1.3 NON-DESTRUCTIVE TESTS

The non-destructive tests for permanent joints must be performed by qualified personnel, with the appropriate level of ability and, for category III and IV equipment, approved by a third party body recognized by a member State in accordance with article 20 of Directive 2014/68/EU dated 15 May 2014.

ZZ 300 ESR 3.2.1 FINAL INSPECTION

The final inspection shall include:

- examination of the accompanying documentation, which shall comprise the following documents as a minimum:
 - . proof of qualification of NDE personnel and their approval, appropriate to equipment category,
 - . proof of qualification of personnel in charge of permanent joining and their approval, appropriate to equipment category,
 - . data related to heat treatment (e.g. diagram of temperature measurements),
 - . inspection documents for base metals and filler materials,
 - . procedures to ensure material traceability,
 - . non-destructive testing reports, including x-rays film,
 - . destructive test reports (e.g. test coupons required by the hazards analysis),
 - . reports on defects or deviations detected during manufacture,
 - . data related to the preparation of components (e.g. forming, chamfering),
 - . proof of qualification of permanent joining procedures and their approval, appropriate to equipment category,
 - . design and manufacture drawings, as well as plans of components, subassemblies, circuits, etc.,
 - . results of design calculations carried out or test results in the case of an experimental design,
- visual examination of the equipment

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