

AFCEN RCC-M Errata 011 – EN

January 2025

afcen

AFCEN

Association governed by the French Law dated 1st July 1901

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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 on the parts concerned by the requirement for a certificate with specific control: Replacement of the main pressure parts by the parts contributing to pressure resistance.</i> <i>This correction is mandatory to ensure respect of ESR 4 of appendix I of ESPN order.</i>	ZY 320

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

Modified parts of text appear in red.

Approved personnel

The recognised third party organization which approves personnel who performs non-destructive testing of permanent joints is a certified organisation as per 11. a) ii. of clause R. 557-4-2 of the environmental code.

Examination reports

The non-destructive testing required by ESR 3.4 in Annex I of the Nuclear Pressure Equipment Order shall be the subject of a systematic test report.

Cast components

Unless there is specific justification, for cast components, a non-destructive examination of the whole of their volume is required. Any weld-repaired area must undergo volumetric examination. Any such justification must include at the very least the explanation of why it is impossible and the choice of additional demonstrations.

ZY 320 ESR 3.7 OPERATING INSTRUCTIONS

In addition to the instructions referred to in ZZ 300 – ESR 3.4, the particular features of the design that are relevant to the service life of the equipment must be stated:

- for creep, where applicable, the theoretical number of hours of operation at specified temperatures;
- for fatigue, the theoretical number of cycles at defined stress levels;
- for corrosion phenomena, the allowance or the characteristics of the corrosion protection;
- for thermal aging, the theoretical number of operating hours at defined temperatures;
- for aging due to irradiation, the maximum theoretical fluence at given irradiation temperatures.

ZY 320 ESR 4 MATERIALS

Control Document – Base metals

For the procurement of ~~principal pressure~~ parts **contributing to pressure resistance**, the Control Document will be an acceptance certificate indicating, as a minimum, those details required in the specific type 3.1 compliance certificate as per NF EN 10204.

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