

AFCEN RCC-F Errata 004 – EN

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afcen

AFCEN

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Administrative Offices: AFCEN, 1 Place Jean Millier, F-92400 Courbevoie

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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)
2024	English	Text missing	D1410

Modified pages are presented in chronological order for 2024 edition.

Modified parts of text appear in:

- Green for the additional text

D 1410 SMOKE PROTECTION OF PROTECTED ESCAPE ROUTES AND MUSTER ZONES

Protection of protected [escape routes](#) and [muster zones](#) is provided by the means described below (or a combination of such means):

- The mechanical or natural scavenging of fresh air,
- The pressure drop created in the affected room, once the smoke control system is put into operation.
- [The design of the ventilation systems, which ensures that rescue routes are kept in slight overpressure with respect to the adjacent rooms with potential release of large quantities of smoke in the event of fire or through the cold smoke-tightness afforded by the doors.](#)

REQ – 269 [D1410]

If an [escape route](#) pressurisation circuit is used in a controlled area, discharges shall be accounted for.

RECO – 270 [D1410]

If an overpressure system is adopted, its operation should be associated with the smoke control system of the adjacent volumes.

REQ - 271 [D1410]

Overpressure of protected [escape routes](#) shall be between 20 and 80 Pa and the flow velocity shall be higher than 0.5ms^{-1} .

Exceptions may be acceptable for nuclear safety issues if adequately justified.

D 1420 SMOKE CONTROL IN THE FIRE VOLUMES WITH TOXIC AND/OR RADIOLOGICAL CONTAINMENT REQUIREMENTS OR WITH NUCLEAR SAFETY SEPARATION REQUIREMENTS**REQ - 272 [D1420]**

In fire areas with toxic and/or radiological containment requirements or with nuclear safety separation requirements, in order to limit fire propagation or equipment damages and/or to prevent the spread of possibly charged gases and smoke, the smoke control shall be provided by separation of the ventilation system of the affected fire area and the ventilation of the adjacent fire areas.

REQ - 273 [D1420]

When necessary, this separation shall be ensured by automatic closure of the [fire dampers](#).

REQ - 274 [D1420]

[Smoke control compartments](#) shall be all or part of a fire area.