

FAQs:

[Rescue and Firefighting](#), [Aerodromes \(ADR\)](#), [Regulations](#)

Question:

What are the standards about performance level of fluorine-free foams at airports?

Answer:

Although it is not clearly specified in AMC4 ADR.OPS.B.010(a)(2), it is commonly considered that the minimum level of performance A, B or C expected for extinguishing foams refers to performance levels defined by ICAO in Annex 14 and to information about fire performance test described in ICAO Airport Services Manual (Doc 9137), Part 1 (Rescue and Fire Fighting Services), Chapter 8.

As of today, there is no specific testing protocol defined for Fluorine Free Foam in the Airport Services Manual.

The current protocol allows measuring the minimum application rate whatever the tested Foam (Aqueous Film Forming (AFFF) or Fluorine Free (F3)).

As for AFFF, Aerodrome operators should refer to these information and the Airport Services Manual when requiring a minimum level of performances.

Selecting arrangements should include additional information such as expected conditions of certification or qualification of foam (fire performance test, foam production acceptance test with vehicles) and considerations about specifications of RFFS vehicles in use.

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Link:

<https://www.easa.europa.eu/fi/faq/142308>