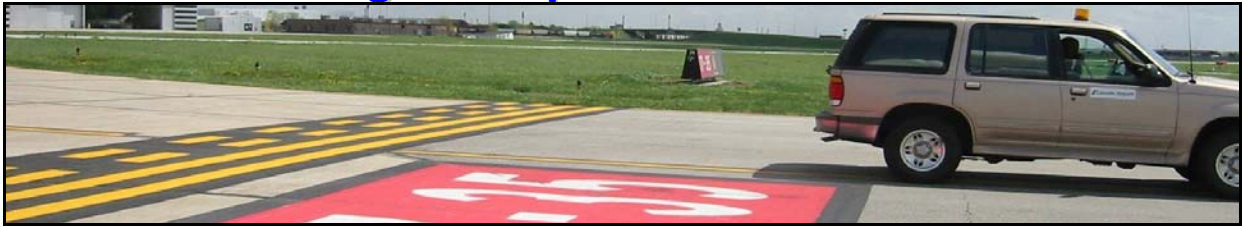


Central Region Airport Certification Bulletin



Bulletin: 2010-09
Subject: Mil Spec AFFF
Issue Date: August 4, 2010

Issuing Office:

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Application:

This bulletin is intended for Part 139 Airport Managers and State Aviation Directors in the States of Iowa, Kansas, Missouri and Nebraska

Background:

National FAA CertAlert 06-02 was issued in 2006 to notify airport operators that any Aqueous Film Forming Foam (AFFF) purchased after July 1, 2006, must meet the requirements of Mil-F-24385.

A recent assessment of AFFF foam inventories at Part 139 airports in Central Region has found that a number of airports have purchased AFFF where the container labels state that the foam meets Mil-F-24385, however, the AFFF is not listed on the Department of Defense (DOD) Qualified Product Database (QPD). **In order to insure that AFFF does indeed meet Mil-F-24385 specifications, any foam purchased since July 1, 2006, must be on the DOD QPD list.**

National FAA policy guidance is currently under development which will provide further clarification on this issue. We expect that any AFFF purchased after July 1, 2006, that is not on the DOD QPD will likely be considered not acceptable for meeting the agent requirements in Title 14 CFR Part 139.317.

Action Required:

Airport operators need to insure that any AFFF purchased in the future is listed on the DOD QPD for Mil-F-24385 foam. Airport operators should check their existing agent inventories of AFFF purchased since July 1, 2006. Any AFFF purchased since July 1, 2006, that is not on the DOD QPD, should be taken out of service and replacement AFFF ordered if needed to maintain sufficient reserve foam inventories.

Accessing the DOD QPD Website:

The Mil Spec for AFFF is available at the DOD webpage AssistDocs.com under Document ID [QPL-24385-35 NOT 1](#).

Select the link labeled as View QPD data to access the data for the MIL specification.

The screenshot shows the 'assistdocs.com' website interface. At the top, there is a navigation bar with links for 'New Search', 'What's New', 'Site Overview', and 'ASSIST'. Below this, the document ID 'QPL-24385-35 NOT 1' is displayed. The 'Overview' section contains the following information:

- Title:** Fire Extinguishing Agent, Aqueous Film-Forming Foam (AFFF) Liquid Concentrate, for Fresh and Sea Water (Replaced by the Qualified Products Database (QPD) see Notice for Additional Information)
- Scope:** Scope is not applicable to this Document Category
- Document Status:** Active
- Transformation Date:** 16-NOV-2007
- Governing Spec.:** MIL-F-24385
- FSC/Area:** 4210
- Dist Stmt:** A
- Doc Category:** Qualified Products List (Military)

The 'Responsibilities' section lists:

- Lead Standardization Activity:** IS Defense Supply Center, Phil-General & Industrial Items of Supply
- Preparing Activity:** SH Naval Sea Systems Command (Ship Systems)

The 'Revision History' section states: 'QPL-24385, which identifies products meeting the requirements for qualification in MIL-F-24385, has been transformed into an electronic QPL in the Qualified Products Database (QPD). [View QPD data](#) for this specification.'

Screen Shot of Document Details for AFFF

Select "Type 3" for a listing of 3% AFFF suppliers. Select "Type 6" for a listing of 6% AFFF suppliers.

The screenshot shows the 'Qualified Products Database' interface. It features a 'Help' button and a 'Governing Spec: MIL-F-24385F(1)' label. Below this, a table lists the qualification dataset for the following governing specification, last updated on 28-JUL-2010:

QA	FSC	QPL Number	Governing Spec	Doc Date	Doc Status	Title	QPL Notes
SH	4210	QPL-24385	MIL-F-24385	05-AUG-1994	Active	FIRE EXTINGUISHING AGENT, AQUEOUS FILM-FORMING FOAM (AFFF) LIQUID CONCENTRATE, FOR FRESH AND SEA WATER	Preamble Footnotes

Below the table, there is a 'QPL Quick Search > Government Parts' section. It includes a filter for the selected QPL, with a dropdown menu set to '-NONE-' and a 'Filter' button. The total part count is 2. Below this, there is a table with columns for 'TYPE 3' and 'TYPE 6' under the 'Notes' column. The table shows two rows, one for 'TYPE 3' and one for 'TYPE 6'. At the bottom, there is a 'Page 1 of 1' indicator and a 'Go to Page' button.

Screenshot of QPD data for MIL Spec QPL-24385

The listing indicates approved manufacturers of AFFF that meet Mil-F- 24385. The listing also provides a status indication of whether the certification is current or overdue for re-certification. Although a manufacturer may be overdue for recertification, we still consider the AFFF acceptable for meeting Mil-F-24385 specifications.

Total part count = 5

Click on the appropriate link to see more.

▼▲Mfr Designation	▼▲Source Name	▼▲CAGE Code	Related Links
AER-O-WATER 3- EM	KIDDE FIRE FIGHTING, INC 180 SHEREE BOULEVARD STE 3900 EXTON, PA 193411304 USA Test Reference: NRL Rpt. 6180-752A:CRF	11939	[source POC] [source Plants]
ANSULITE 3% AFFF/AFC-5A	TYCO FIRE PRODUCTS, LP 1 STANTON ST MARINETTE, WI 541432542 USA Test Reference: NRL Rpt. 61-0051-G-2, 6180-373	03670	[source Plants]
BUCKEYE 3% BFC-3MS AFFF	BUCKEYE FIRE EQUIPMENT COMPANY, INC 110 KINGS RD KINGS MOUNTAIN, NC 280862090 USA Test Reference: Test Rpt NRL 6180A:RS Dtd 20 Oct 2003, DCMA, Atlanta Ltr Dtd 12 Nov 2003	57658	[source POC] [source Plants]
CHEMGUARD 3% AFFF C-301MS	CHEMGUARD INCORPORATED 204 S 6TH AVE MANSFIELD, TX 760632304 USA Test Reference: NRL Rpt. 6180-0047A:FWW 30 January 1997	0EDY7	[source POC] [source Plants]
TRIDOL M 3%	KIDDE FIRE FIGHTING, INC 180 SHEREE BOULEVARD STE 3900 EXTON, PA 193411304 USA Test Reference: NRL Rpt. 6180-0103A, 18 Feb 1994	11939	[source POC] [source Plants]

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DOD QPD Listing of Approved 3% AFFF Meeting Mil-F-24385

Updates

This QPD is periodically updated. We therefore recommend checking the DOD QPD before each AFFF purchase.

Questions

If you have questions, contact either, Mike Mullen, Lead Airport Certification Inspector, 816-329-2618 or Pat Haynes, Airport Certification Safety Inspector, 816-329-2621.