

Project: Fire Extinguishing Media to ICAO Specifications

Client: Dafo Fomtec AB Sweden

Office: Liverpool

Clients Order Number: K7618

Date: 04 April 2006

Order Status: Complete

Inspection Dates

First: 06 April 2006

Final: 07 April 2006

This certificate is issued to Dafo Fomtec AB, to certify that at their request the undersigned Surveyor to this Society did select samples of FOMTEC AFFF 6% (ICAO) manufactured to UK DEF 42-24 for the purpose of confirming that the properties were within the technical specifications and were in accordance with the International Civil Aviation Organisation (ICAO) Performance Level B as per Appendix 8E, "Foam Performance Levels, Specifications and Test Procedures" and CAP 168 (1990). The necessary tests were witnessed by the Surveyor and the results obtained were all within the limits given in the manufacturer's specification, and the requirements of I.C.A.O. Performance Level B.

Summary of Results

<u>Summary of Results</u>	<u>Specification</u>	<u>Actual</u>
PH	6.0 - 8.5	8.0
Viscosity at 20°C	200mm/s	1.5 centistokes
Sedimentation	<0.5%	<0.05%
Fire Test		
Nozzle (Aspirated)	UNI 86	UNI 86 (Fixed)
Nozzle Pressure	7 Bar	7 Bar
Application Rate (1/ min)	11.4	11.4
Fire Tray	Circular 4.5m ²	Circular 4.5m ²
Fuel	Kerosene (AVTUR)	Kerosene (AVTUR)
Conditions (Preferable)		
Air Temperature	>15°C	17°C
Foam Temperature	>15°C	17°C
Wind Velocity (m/s)	<3	3-5
Preburn Time	60 seconds	60 seconds
Extinction Time	<60 seconds	58 seconds
Total Application Time	120 seconds	120 seconds
25% Reignition Time	>5 minutes	10 minutes 49 seconds

The product meets the requirements of Performance Level B.

Lloyd's Register EMEA

Liverpool Office
Lloyd's Register

M. Williams
 Surveyor to Lloyd's Register EMEA

A member of the Lloyd's Register Group