



Project: Fire Extinguishing Media to ICAO Specifications /  
CAP 168 (2004)

Client: Dafo Fomtec AB,  
Tyreso,  
Sweden

Office: Liverpool

Clients Order Number: Request for Services dated 12.04.05./RKG

Date: 04 May 2005

Order Status: Complete

Inspection Dates

First: 24 April 2005

Final: 27 April 2005

This certificate is issued to Dafo Fomtec AB, to certify at their request the undersigned Surveyor to this Society did select samples of FOMTEC FFFP 6% (ICAO) manufactured to U.K. DEF 42-40 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 (2004). The necessary tests were witnessed by the Surveyor and the results obtained were all within the limits given in the manufacturers specification, and the requirements of I.C.A.O Performance Level B

<u>Summary of Result</u>	<u>Specification</u>	<u>Actual - FOMTEC FFFP 6% (ICAO)</u>
PH	6.0 - 8.5	7.1
Viscosity at 20 °C	< 200 mm/s	12.5 centistokes
Sedimentation	< 0.5%	< 0.05%
<b>Fire Test</b>		
Nozzle (Aspirated)	UNI 86	UNI 86 (fixed)
Nozzle Pressure (approx)	7 Bar	6.6 Bar
Application rate (l/min)	11.4	11.4
Fire Tray	Circular 4.54 m <sup>2</sup>	Circular 4.54 m <sup>2</sup>
Fuel	Kerosene (AVtur/JET A1)	Jet A1
<b>Conditions (preferable)</b>		
Air Temperature	>15 °C	16 °C
Foam Temperature	>15 °C	17 °C
Wind Velocity (m/s)	< 3	< 3
Preburn Time	60 sec	60 sec
Extinction Time	< 60 sec	41 sec
Total Application Time	120 sec	120 sec
25% Reignition Time	> 5 mins	20 min 17 sec

The products meet the requirements of Performance Level B

M. Williams  
Surveyor to Lloyd's Register EMEA



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