



TECHEUROPA INSPECTION & CERTIFICATIONS PRIVATE LIMITED

CERTIFICATE No: EN.IN.057.27-06/23

CERTIFICATE OF COMPLIANCE

MANUFACTURER : INTEGRATED FIRE PROTECTION PVT. LTD
INSPECTION SITE : RAJBARIPARA, JALPAIGURI - 735101, WEST BENGAL
PRODUCT : IFP UNILIGHT GREEN SFFF-3
APPLICABLE STANDARD : ICAO DOC 9137-AN/898
DATE OF ISSUE : 27 JUNE 2023
DATE OF EXPIRY : 27 JUNE 2025
(SUBJECTED TO SUCCESSFUL ANNUAL SURVEILLANCE AUDIT)

This certificate is issued to **INTEGRATED FIRE PROTECTION PVT. LTD.,** to certify that at their request, the undersigned surveyor to this company select sample of **IFP UNILIGHT GREEN SFFF-3** for the purpose of confirming that the properties were within the technical specifications and were in accordance with ICAO DOC 9137-AN/898, Fourth Edition 2015.

The necessary tests were witnessed by the surveyor and the results obtained were all within the limits given in the manufacturer's specifications, and the requirements of ICAO DOC 9137-AN/898, Fourth Edition 2015.

Standard followed: ICAO DOC 9137-AN/898, Fourth Edition 2015

SI No.	Properties	Analysis Report	Requirements	
		SFFF-3	Minimum	Maximum
Physical Tests				
1.	pH Value at 27°C	7.83	6.0	8.5
2.	Viscosity (cPs) at 28°C	1010	---	
3.	Sedimentation (%) at 27°C	Traces	---	0.5%
Performance Tests (Performance Level B)				
4.	Nozzle Branch Pipe	UNI 86	“UNI 86” Foam Nozzle	
5.	Nozzle Pressure (Bar)	7.0	700 kPa (7 Bar)	
6.	Nozzle Discharge (LPM)	11.3	11.4 LPM	
7.	Application Rate (L/min/m²)	2.5	2.5 L/min/m²	
8.	Expansion	8.08	6	10
9.	25% Drainage time (min:s)	19:45	3 min	---
10.	Fire Pan Size (m²)	4.5	4.5 m²	
11.	Fuel used	Kerosene	Kerosene	



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12.	Fuel quantity (L)	100	100 L
13.	Preburn Time (s)	60	60 s
14.	Extinguishing Time (s)	55	≤ 60 s
15.	Total Application Time (s)	120	120 s
16.	25% re-ignition Time (min:s)	13:35	≥ 5 min
17.	Air Temperature (°C)	29	≥ 15°C
18.	Foam Solution Temperature (°C)	28	≥ 15°C
19.	Fuel Temperature (°C)	29	≥ 15°C
20.	Wind Velocity (m/s)	0.4	≤ 3 m/s

Achieved performance Level: Level B



Amiya Sagar
Surveyor