

Manufacturer Test Certificate

Doc No: FM-QAC-061

Rev No: 01

Date: 01.06.2023

TC No.: KF/LI/HQ4/011/25	Model No.: KFLIHQ-4	Date: 09-07-2025
Type and Capacity of Extinguisher	: KFLIHQ-4-Lithium-Ion (AVD) Stored Pressure Fire Extinguisher 4 Ltr.	
Batch Number	: KFLIHQ4 011/25	
Batch Quantity	: 11.00 Nos.	
Serial Numbers	: 00101 To 110 And 105A	
Month of Manufacturing	: Jul/25	
Date of Inspection	: 09-07-2025	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	--	Extinguishing medium	Aqueous Vermiculite Dispersion (AVD) Emulsion	One	Pass
2	--	Filling tolerance	± 2% by mass	One	Pass
3	--	Hydro test of the body	Test pressure 35 bar, Hold for 2.5 Min.	All	Pass
4	--	Effective discharge time	Min duration is 60 seconds. For Class A Sr. No.: 00101	One	70 SEC.
5	--	Bulk range of Discharge	Min bulk range is 2 m. Sr. No.: 00101	One	3 Mtr.
6	--	Percentage of discharge	Min. 85% Sr. No.: 00101	One	93%
7	--	Retention of Charge following partial discharge	The second pressure or weight shall not be less than 75% of the first after interruption of the discharge. Sr. No.: 00102	One	93%
8	--	Leakage Test	Inverted Glass Jar/ Applying Soap Solution	All	Pass
9	--	Burst test for Body	Burst pressure shall be 55 bar if break from body and shall be 80 bar if break from welding. Sr. No.: 00105A	One	141 Bar
10	--	Anti Corrosive Treatment	Phosphate treatment followed by pure polyester Powder Coating of DFT not less than 50μ.	All	(65-90)μ
11	--	Color for body	Shade No. 538(P.O. Red) of IS 5 and green band to be provided	All	Pass
12	--	Marking	Standard Operating Instructions	All	Pass
13	--	Dimension and Completeness	Diameter: 140±5mm, Height: 490 mm Approx Thickness: 1.6 mm Approx	All	Pass

Remarks: This is to certify that the Lithium-Ion Stored Pressure Fire Extinguisher of Capacity 4 Ltr meets the Standard Requirements.



Authorized Signatory