

Manufacturer Test Certificate

Doc No: FM-QAC-061

Rev No: 01

Date: 01.06.2023

TC No.: KF/LI/HQ1/003/26	Model No.: KFLIHQ-1	Date: 15-06-2026
Type and Capacity of Extinguisher	: KFLIHQ-1-Lithium-Ion (AVD) Stored Pressure Fire Extinguisher 1 Ltr.	
Batch Number	: KFLIHQ1 003/26	
Batch Quantity	: 11.00 Nos.	
Serial Numbers	: 00021 To 30 And 25A	
Month of Manufacturing	: Jun/26	
Date of Inspection	: 15-06-2026	

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 25 seconds.For Class A Sr. No. :00021	One	29 SEC.
5	--	Bulk range of Discharge	Min bulk range is 1.5 m. Sr. No. :00021	One	2.7 Mtr.
6	--	Percentage of discharge	Min. 85% Sr. No. :00021	One	94%
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. :00022	One	95%
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. :00025A	One	152 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: 86±5mm, Height: 325 mm Approx Thickness: 1.6 mm Approx	All	Pass

Remarks: This is to certify that the Lithium-Ion Stored Pressure Fire Extinguisher of Capacity 1 Ltr meets the Standard Requirements.



Authorized Signatory