

TC No.: F9/CP/RQ/002/26	Model No.: KFMCRQ-9	Date: 27-01-2026
Type and Capacity of Extinguisher	: KFMCRQ-9-Kanex M Foam CP Fire Extinguisher Cap. 9 Ltr.	
Batch Number	: KFMCRQ9 002/26	
Batch Quantity	: 101.00 Nos.	
Serial Numbers	: 00101 To 200 And 105A	
Month of Manufacturing	: Jan/26	
Date of Inspection	: 27-01-2026	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.5	Extinguishing Agent	AFFF Foam Concentration 6% Confirms to IS 4989	One	Pass
2	5.2	Propellants	The propellants for stored pressure and cartridge operated extinguishers shall be air, carbon dioxide and nitrogen.	All	CO2
3	5.3.2	Filling tolerance	+ 5% by Volume	One	Pass
4	6.1	Hydro test of the body	Test pressure 35 bar, Hold for 2.5 Min.	All	Pass
5	7.2	Effective discharge time	Approved fire rating is 4A:144B, hence Min. duration is 15sec. Sr. No. :00101	One	56 SEC.
6	7.2	Bulk range of Discharge	Approved fire rating is 4A:144B, hence Min. bulk range is 2m. Sr. No. :00101	One	4 Mtr.
7	3.8	Percentage of Discharge	Min. 95%, Sr. No. :00101	One	95%
8	7.4.1	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	96%
9	9.2	Construction Requirements	60gm CO2 gas cartridge shall conform to IS 4947 and other requirements of IS 15683:2018	All	Pass
10	9.2.2	Burst test of body	Burst pressure shall be 55 bar if break from body and shall be 80 bar if break from welding . Sr. No. :00105A	One	112 Bar
11	9.3	Carrying Handle	Requirements as per IS 15683:2018	All	Pass
12	9.4	Mounting Test	As per IS 15683:2018	All	Pass
13	9.5	Valves and Closures	As per IS 15683:2018	All	Pass
14	9.8	Hose Assemblies	Length of hose is 550mm and shall withstands a hydro pressure of 55 bar for at least 30 seconds.	One	57 Bar
15	9.9	Method of Operation	Max. force required to operate the valve with full hand is 200N	One	165N
16	9.10.1	Safety Locking Devices	Force required to remove safety locking device is 20N-100N	Two	47N & 52N
17	9.10.6	Safety Locking Devices	Tamper indicator shall break with force not more than 70N & other requirement as per IS 15683:2018	Two	48N & 53N
18	10.1	Color for body	Shade No. 538 (P.O. Red) of IS 5 and yellow band to be provided	All	Pass
19	--	Anticorrosive treatment & Painting	Phosphate treatment followed by Pure polyester Powder coating with DFT not less than 50μ.	All	(65-90)μ
20	10.2.1	Marking	As per IS 15683:2018	All	Pass
21	10.2.2	Operating Instructions	As per IS 15683:2018	All	Pass
22	10.2.3	Code symbols	As per IS 15683:2018	All	Pass
23	10.3	Inspection instruction	As per IS 15683:2018	All	Pass
24	Type tests	1)Resistance to Temp. changes 2)Impact test 3)Vibrations test 4)External Corrosion test 5)Internal Corrosion test 6)Intermittent discharge 7)Maximum Service Pressure 8)Crushing test 9)Pressure cycling 10) Fire performance test	As per IS 15683:2018	As per Scheme of testing	Pass
25	--	Dimensions and Completeness	Diameter: 180±5mm, Height: 585mm Approx, Thickness: 1.7mm Approx	All	Pass

Remarks: This is to certify that the Foam Cartridge operated type Fire Extinguisher of Capacity 9 ltr. meets and confirms to the requirements of IS 15683:2018.



Authorized Signatory