

TC No.: A9/M/RQ/008/25	Model No.: KFDMSRQ-9	Date: 17-08-2025
Type and Capacity of Extinguisher	: KFDMSRQ-9-Kanex D Type Metal SP Fire Extinguisher Cap. 9 Kg.	
Batch Number	: KFDMSRQ9 008/25	
Batch Quantity	: 21.00 Nos.	
Serial Numbers	: 00141 To 160 And 145A	
Month of Manufacturing	: Aug/25	
Date of Inspection	: 17-08-2025	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.4	Extinguishing medium	TEC Powder for Metal Fires	One	Pass
2	5.3.2	Filling tolerance	± 2% by mass	One	Pass
3	6.1	Hydro test of the body	Test pressure 35 bar, Hold for 2.5 Min.	All	Pass
4	7.2	Effective discharge time	There is no specific requirement as per IS 15683. Sr. No. :00141	One	27 SEC.
5	3.8	Percentage of Discharge	Min. 85%, Sr. No. :00141	One	96%
6	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. :00142	One	87%
7	7.4.2	Leakage Test	By using Soap solution/Inverted glass jar test, leakage to be checked. No leakage shall occur.	All	Pass
8	9.2	Construction Requirements	As per IS 15683:2018	All	Pass
9	9.2.2	Burst test of body	Min. Burst pressure shall be 55 bar if break from body and shall be 80 bar if break from welding . Sr. No. :00145A	One	116 Bar
10	9.3	Carrying Handle	Requirements as per IS 15683:2018	All	Pass
11	9.4	Mounting Test	As per IS 15683:2018	All	Pass
12	9.5	Valves and Closures	As per IS 15683:2018	All	Pass
13	9.8	Hose Assemblies	Length of hose is 400mm min and shall withstand a hydro pressure of 55 bar for at least 30 seconds.	One	63 Bar
14	9.9	Method of Operation	Max. force required to operate the valve with full hand is 200N	One	{50-170}N
15	9.10.1	Safety Locking Devices	Force required to remove safety locking device is 20N-100N	Two	64N & 69N
16	9.10.6	Safety Locking Devices	Tamper indicator shall break with force not more than 70N & other requirement as per IS 15683:2018	Two	46N & 62N
17	10.1	Color for body	Shade No. 538(P.O. Red) of IS 5 and blue band to be provided	All	Pass
18	--	Anticorrosive treatment & Painting	Phosphate treatment followed by Pure polyester Powder coating with DFT not less than 50μ.	All	(65-90)μ
19	10.2.1	Marking	As per IS 15683:2018	All	Pass
20	10.2.2	Operating Instructions	As per IS 15683:2018	All	Pass
21	10.2.3	Code symbols	As per IS 15683:2018	All	Pass
22	10.3	Inspection instruction	As per IS 15683:2018	All	Pass
23	Type tests	1)Resistance to Temp. changes 2)Impact test 3)Vibrations test 4)External Corrosion test 5)Tapping 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
24	--	Dimensions and Completeness	Diameter: 180±5mm, Height: 575mm Approx, Thickness: 1.7mm Approx	All	Pass

Remarks: This is to certify that the D type Stored Pressure Metal Fire Extinguisher of Capacity 9 kg. meets and conforms to the requirements of IS 15683:2018.



Authorized Signatory