

Manufacturer Test Certificate

Doc No: FM-QAC-061

Rev No: 01

Date: 01.06.2023

TC No.: A4/MDS/RQ/010/25	Model No.: MDSRQ-4	Date: 30-08-2025
Type and Capacity of Extinguisher	: MDSRQ-4-Kanex BC Dry Powder SP Fire Extinguisher Cap. 4 Kg	
Batch Number	: MDSRQ4 010/25	
Batch Quantity	: 51.00 Nos.	
Serial Numbers	: 00451 To 500 And 455A	
Month of Manufacturing	: Aug/25	
Date of Inspection	: 30-08-2025	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	--	Extinguishing Agent	SBC Dry Powder Conforms to IS 4308	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	Factory tested fire rating is 183B, hence Min. duration is 13sec. Sr. No. :00451	One	22 SEC.
5	--	Bulk range of Discharge	Factory tested fire rating is 183B, hence Min. bulk range is 2m. Sr. No. :00451	One	5 Mtr.
6	--	Percentage of Discharge	Min. 85%, Sr. No. :00451	One	95%
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. :00452	One	95%
8	--	Leakage Test	Inverted Glass Jar/ Applying Soap Solution	All	Pass
9	--	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. :00455A	One	157 Bar
10	--	Color for body	Shade No. 538(P.O. Red) of IS 5 and blue band to be provided	All	Pass
11	--	Anticorrosive treatment & Painting	Phosphate treatment followed by Pure polyester Powder coating with DFT not less than 50μ.	All	(65-90)μ
12	--	Marking	Standard operating instruction	All	Pass
13	--	Dimensions and Completeness	Diameter: 140±5mm, Height: 490mm Approx, Thickness: Made up of 1.6mm sheet	All	Pass

Remarks: SBC Dry Powder (Stored Pressure) type Fire Extinguisher of Capacity 4 kg. meets the requirements.



Authorized Signatory