

TC No.: A6/S/RQ/010/26	Model No.: KFSRQ-6-S	Date: 25-03-2026
Type and Capacity of Extinguisher	: KFSRQ-6-S-Kanex BC Dry Powder (SBC) SP Fire Extinguisher Cap. 6 Kg.	
Batch Number	: KFSRQ6S 010/26	
Batch Quantity	: 51.00 Nos.	
Serial Numbers	: 00451 To 500 And 455A	
Month of Manufacturing	: Mar/26	
Date of Inspection	: 25-03-2026	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.4	Extinguishing Agent	SBC Dry Powder Confirms to IS 4308	One	Pass
2	5.2	Propellants	The propellants for stored pressure and cartridge operated extinguishers shall be air, carbon dioxide and nitrogen.	All	Nitrogen
3	5.3.2	Filling tolerance	±2% by Mass	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 183B, hence Min. duration is 15sec. Sr. No. :00451	One	21 SEC.
6	7.2	Bulk range of Discharge	Approved fire rating is 183B, hence Min. bulk range is 2m. Sr. No. :00451	One	4 Mtr.
7	3.8	Percentage of Discharge	Min. 85%, Sr. No. :00451	One	94%
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. :00452	One	94%
9	7.4.2	Leakage Test	Inverted Glass Jar/ Applying Soap Solution	All	Pass
10	9.2	Construction Requirements	As per IS 15683:2018	All	Pass
11	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. :00455A	One	135 Bar
12	9.3	Carrying Handle	Requirements as per IS 15683:2018	All	Pass
13	9.4	Mounting Test	As per IS 15683:2018	All	Pass
14	9.5	Valves and Closures	As per IS 15683:2018	All	Pass
15	9.8	Hose Assemblies	Length of hose is 465mm and shall withstands a hydro pressure of 55 bar for at least 30 seconds.	One	58 Bar
16	9.9	Method of Operation	Max. force require to operate the valve with full hand is 200N	One	155N
17	9.10.1	Safety Locking Devices	Force required to remove safety locking device is 20N-100N	Two	48N & 53N
18	9.10.6	Safety Locking Devices	Tamper indicator shall break with force not more than 70N & other requiremet as per IS 15683:2018	Two	49N & 54N
19	10.1	Color for body	Shade No. 538(P.O. Red) of IS 5 and blue band to be provided	All	Pass
20	--	Anticorrosive treatment & Painting	Phosphate treatment followed by Pure polyester Powder coating with DFT not less than 50μ.	All	(65-90)μ
21	10.2.1	Marking	As per IS 15683:2018	All	Pass
22	10.2.2	Operating Instructions	As per IS 15683:2018	All	Pass
23	10.2.3	Code symbols	As per IS 15683:2018	All	Pass
24	10.3	Inspection instruction	As per IS 15683:2018	All	Pass
25	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
26	--	Dimensions and Completeness	Diameter: 150±5mm, Height: 530mm Approx, Thickness: 1.6mm Approx	All	Pass

Remarks: This is to certify that the SBC Dry Powder (Stored Pressure) type Fire Extinguisher of Capacity 6 kg. meets and confirms to the requirements of IS 15683:2018



Authorized Signatory