

TC No.: A6/S/RQ/025/25	Model No.: KFSRQ-6-S	Date: 06-08-2025
Type and Capacity of Extinguisher	: KFSRQ-6-S-Kanex BC Dry Powder (SBC) SP Fire Extinguisher Cap. 6 Kg.	
Batch Number	: KFSRQ6S 025/25	
Batch Quantity	: 51.00 Nos.	
Serial Numbers	: 01201 To 1250 And 1205A	
Month of Manufacturing	: Aug/25	
Date of Inspection	: 06-08-2025	

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	5.3.2	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	Approved fire rating is 183B, hence Min. duration is 15sec. Sr. No. :01201	One	21 SEC.
5	7.2	Bulk range of Discharge	Approved fire rating is 183B, hence Min. bulk range is 2m. Sr. No. :01201	One	4 Mtr.
6	3.8	Percentage of Discharge	Min. 85%, Sr. No. :01201	One	94%
7	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. :01202	One	93%
8	7.4.2	Leakage Test	Inverted Glass Jar/ Applying Soap Solution	All	Pass
9	9.2	Construction Requirements	As per 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. :01205A	One	133 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 465mm 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 require to operate the valve with full hand is 200N	One	153N
16	9.10.1	Safety Locking Devices	Force required to remove safety locking device is 20N-100N	Two	45N & 50N
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	47N & 52N
18	10.1	Color for body	Shade No. 538(P.O. Red) of IS 5 and blue 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)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
25	--	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