

TC No.: A3/K/HQ/017/25	Model No.: KFKHQ-3	Date: 20-05-2025
Type and Capacity of Extinguisher	: KFKHQ-3-Kanex F Class Kitchen Fire Extinguisher Cap. 3 Ltr.	
Batch Number	: KFKHQ3 017/25	
Batch Quantity	: 11.00 Nos.	
Serial Numbers	: 00161 To 170 And 165A	
Month of Manufacturing	: May/25	
Date of Inspection	: 20-05-2025	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.5	Extinguishing Agent	Wet Chemical (Blend of Potassium acetate, citrate or carbonate)	One	Pass
2	5.3.2	Filling tolerance	+5% by Volume	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 15F, hence Min. duration is 8 sec. Sr. No. :00161	One	17 SEC.
5	7.2	Bulk range of Discharge	Approved fire rating is 15F, hence Min. bulk range is 2m. Sr. No. :00161	One	2 Mtr.
6	3.7	Percentage of Discharge	Not less than 90%, Sr. No. :00161	One	95%
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. :00162	One	92%
8	7.4.2	Leakage Test	Inverted Glass Jar/ 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. :00165A	One	86 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 400 mm 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	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 requiremet as per IS 15683:2018	Two	47N & 52N
18	10.1	Color for body	Smooth Finish	All	Pass
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)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
24	--	Dimensions and Completeness	Diameter: 140±5mm, Height: 500mm Approx, Thickness: Made up of 1mm sheet	All	Pass

Remarks: This is to certify that the Kitchen type Fire Extinguisher of Capacity 3 Ltr. meets and confirms to the requirements of IS 15683:2018.



Authorized Signatory