

TC No.: C4.5/RQ/636/24

Model No.: KFCRQ-4.5

Date: 29-09-2024

Type and Capacity of Extinguisher	: KFCRQ-4.5-Kanex CO2 High Pressure Fire Extinguisher Cap. 4.5 Kg.
Batch Number	: KFCRQ4.5 636/24
Batch Quantity	: 100.00 Nos.
Serial Numbers	: 63501 To 63600
Month of Manufacturing	: Sep/24
Date of Inspection	: 29-09-2024

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.2	Extinguishing Agent	CO2 Gas Complied to requirements of IS 15222	One	Pass
2	5.3.1	Fill Density	Not to exceed 0.667 kg/ltr.	All	Pass
3	5.3.2	Filling tolerance	+ 5% by mass & filling ratio Not to exceed 0.667 kg/ltr	One	Pass
4	6.1	Hydro test of the body	Test pressure 225 bar (By Cylinder Manufacturer)	All	Pass
5	7.2.2	Minimum Effective discharge time	Approved Fire Rating is 55B, hence Min. duration is 9 sec. Sr. No. :63501	One	12 SEC.
6	7.2.2	Bulk range of Discharge	Approved Fire Rating is 55B, hence Min. Bulk range is 2 m. Sr. No. :63501	One	2.8 Mtr.
7	3.8	Percentage of discharge	Min. 95%, Sr. No. :63501	One	97%
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. :63502	One	97%
9	7.4.2	Leakage Test	Dipping in Water/ Applying Soap Solution	All	Pass
10	9.1	Construction Requirements	Body shall confirms to IS 7285 (Part 1 or 2) and have concave base	All	Pass
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 and confirms to IS 3224	All	Pass
14	9.6	Safety device	Valve having inbuilt safety device as per IS 3224	All	Pass
15	9.8	Hose assemblies	Length of hose 1 meter and shall withstands a hydro pressure of 275 bar for at least 30 seconds.	One	381Bar
16	9.9	Method of Operation	Max. force required to operate the valve with full hand is 300 N	One	168N
17	9.10.1	Safety Locking Devices	Force required to remove Safety locking device is 20N-100N	Two	62N & 67N
18	9.10.6	Safety Locking Devices	Tamper indicator shall break with force not more than 70N & other requirement as per IS 15683:2018	Two	26N & 31N
19	10.1	Color for body	Shade No. 538 (P.O.Red) of IS 5 and black band to be provided	All	Pass
20	--	Painting	Cylinders shall be enamel painted with DFT not less than 50μ	All	(60-90)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 instructions	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)Intermittent discharge test 6)Maximum Service Pressure 7) Fire performance test for B class 8) Horn Test	As per IS 15683:2018	As per Scheme of testing And inspection	Pass
26	--	Dimensions & completeness	Diameter: 140±5mm & height : 700mm Approx	All	Pass
27	--	Approvals	PESO & BIS	All	Pass

Remarks: This is to certify that the Carbon Di Oxide type Fire Extinguisher of Capacity 4.5 kg, meets and Confirms to the requirements of IS 15683:2018.

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TC No.: C4.5/RQ/637/24	Model No.: KFCRQ-4.5	Date: 29-09-2024
Type and Capacity of Extinguisher	: KFCRQ-4.5-Kanex CO2 High Pressure Fire Extinguisher Cap. 4.5 Kg.	
Batch Number	: KFCRQ4.5 637/24	
Batch Quantity	: 100.00 Nos.	
Serial Numbers	: 63601 To 63700	
Month of Manufacturing	: Sep/24	
Date of Inspection	: 29-09-2024	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.2	Extinguishing Agent	CO2 Gas Complied to requirements of IS 15222	One	Pass
2	5.3.1	Fill Density	Not to exceed 0.667 kg/ltr.	All	Pass
3	5.3.2	Filling tolerance	+ 5% by mass & filling ratio Not to exceed 0.667 kg/ltr	One	Pass
4	6.1	Hydro test of the body	Test pressure 225 bar (By Cylinder Manufacturer)	All	Pass
5	7.2.2	Minimum Effective discharge time	Approved Fire Rating is 55B, hence Min. duration is 9 sec. Sr. No. :63601	One	12 SEC.
6	7.2.2	Bulk range of Discharge	Approved Fire Rating is 55B, hence Min. Bulk range is 2 m. Sr. No. :63601	One	2.8 Mtr.
7	3.8	Percentage of discharge	Min. 95%, Sr. No. :63601	One	97%
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. :63602	One	97%
9	7.4.2	Leakage Test	Dipping in Water/ Applying Soap Solution	All	Pass
10	9.1	Construction Requirements	Body shall confirms to IS 7285 (Part 1 or 2) and have concave base	All	Pass
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 and confirms to IS 3224	All	Pass
14	9.6	Safety device	Valve having inbuilt safety device as per IS 3224	All	Pass
15	9.8	Hose assemblies	Length of hose 1 meter and shall withstands a hydro pressure of 275 bar for at least 30 seconds.	One	376Bar
16	9.9	Method of Operation	Max. force required to operate the valve with full hand is 300 N	One	165N
17	9.10.1	Safety Locking Devices	Force required to remove Safety locking device is 20N-100N	Two	60N & 65N
18	9.10.6	Safety Locking Devices	Tamper indicator shall break with force not more than 70N & other requirement as per IS 15683:2018	Two	25N & 30N
19	10.1	Color for body	Shade No. 538 (P.O.Red) of IS 5 and black band to be provided	All	Pass
20	--	Painting	Cylinders shall be enamel painted with DFT not less than 50μ	All	(60-90)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 instructions	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)Intermittent discharge test 6)Maximum Service Pressure 7) Fire performance test for B class 8) Horn Test	As per IS 15683:2018	As per Scheme of testing And inspection	Pass
26	--	Dimensions & completeness	Diameter: 140±5mm & Height : 700mm Approx.	All	Pass
27	--	Approvals	PESO & BIS	All	Pass

Remarks: This is to certify that the Carbon Di Oxide type Fire Extinguisher of Capacity 4.5 kg. meets and Confirms to the requirements of IS 15683:2018.

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TC No.: CA2/RQ/031/24	Model No.: KCARQ-2	Date: 16-09-2024
Type and Capacity of Extinguisher	: KCARQ-2-Kanex Clean Agent HFC Based Fire Extinguisher Cap. 2 Kg.	
Batch Number	: KCARQ2 031/24	
Batch Quantity	: 101.00 Nos.	
Serial Numbers	: 03001 To 3100 And 3005A	
Month of Manufacturing	: Sep/24	
Date of Inspection	: 16-09-2024	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.3	Extinguishing Agent	Clean agent (HFC 236fa) as per IS 15683:2018	One	Pass
2	5.3.2	Filling tolerance	+5% 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 1A:21B, hence Min. duration is 8 seconds. Sr. No. :03001	One	13.9 SEC.
5	7.2	Bulk range of Discharge	Approved fire rating is 1A:21B, hence Min. bulk range is 2 m. Sr. No. :03001	One	2 Mtr.
6	3.8	Percentage of Discharge	Min 95%, Sr. No. :03001	One	97%
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. :03002	One	97%
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 for Body	Burst pressure shall be 55 bar if break from body and shall be 80 bar if break from welding. Sr. No. :03005A	One	160 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 370 mm and shall withstands a hydro pressure of 55 bar for at least 30 seconds.	One	65 Bar
15	9.9	Method of Operation	Max. force required to operate the valve with full hand is 200N	One	169 N
16	9.10.1	Safety Locking Devices	Force required to remove safety locking device is 20N-100N	Two	69 N & 74 N
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	59 N & 64 N
18	10.1	Color for body	Shade No. 538 (P.O. Red) of IS 5 and green 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	89 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)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
25	--	Dimensions and Completeness	Diameter:106±5, Height:410 Approx, Thickness:1.5mm Approx	All	Pass

Remarks: This is to certify that the Clean Agent type Fire Extinguishers of Capacity 2 kg. meets and confirms to the requirements of IS 15683:2018.

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Manufacturer Test Certificate

Doc No: FM-QAC-061

Rev No: 01

Date: 01.06.2023

TC No.: MOD5/CA/RQ/037/24

Model No.: KMCRQ-5

Date: 05-08-2024

Type and Capacity of Extinguisher	: KMCRQ-5-Kanex Clean Agent Modular HFC Based Fire Extinguisher Cap. 5 Kg.
Batch Number	: KMCRQ5 037/24
Batch Quantity	: 50.00 Nos.
Serial Numbers	: 01801 To 1850
Month of Manufacturing	: Aug/24
Date of Inspection	: 05-08-2024

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	--	Extinguishing medium	HFC 236fa Clean Agent Gas	One	Pass
2	--	Design & Construction	Deep Drawn bodies and MIG welding	One	Pass
3	--	Applicable Classes of Fire	Suitable for ABC type fires	All	Pass
4	--	Propelling Agent	Nitrogen Gas	All	Pass
5	--	Sensing Element	Glass Bulb (68 °C)	One	Pass
6	--	Working Pressure	10 bar	All	Pass
7	--	Hydrostatic Pressure Test	Test Pressure 35 bar for 2.5 min	All	Pass
8	--	Burst Pressure Test	Test Pressure 45 bar for 2 min	One	Pass
9	--	Anti Corrosive Treatment	Phosphating treatment followed by Pure Polyester Powder Coating of 60-80 µ DFT	All	(80-90µ) DFT
10	--	Painting	P. O. Red shade as per IS-5	All	Pass
11	--	Leakage Test	All extinguishers passed in the leakage test	All	Pass
12	--	Performance Test	Modular should operate at desired temprature	One	Pass

Remarks: This is to certify that the above mentioned "KANEX" Brand Clean Agent Modulators are gone through the following tests and found satisfactory during the tests.

We Confirm Delivery of Material to

M/s ACME INTERIORS PVT LTD
ITEM QTY

1 Kanex hfc modular skg
2 -05 Nos
3 SOLD OUT OF THIS LOT
BILL DATE MANAGER (M)



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Rvsc 17/10/24 Ans
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TC No.: CA4/RQ/015/24	Model No.: KCARQ-4	Date: 19-07-2024
Type and Capacity of Extinguisher	: KCARQ-4-Kanex Clean Agent HFC Based Fire Extinguisher Cap. 4 Kg.	
Batch Number	: KCARQ4 015/24	
Batch Quantity	: 101.00 Nos.	
Serial Numbers	: 01401 To 1500 And 1405A	
Month of Manufacturing	: Jul/24	
Date of Inspection	: 19-07-2024	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.3	Extinguishing Agent	Clean agent (HFC 236fa) as per IS 15683:2018	One	Pass
2	5.3.2	Filling tolerance	+5% 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 2A:34B, hence Min. duration is 13 seconds. Sr. No. :01401	One	20 SEC.
5	7.2	Bulk range of Discharge	Approved fire rating is 2A:34B, hence Min. bulk range is 2 m. Sr. No. :01401	One	3.1 Mtr.
6	3.8	Percentage of Discharge	Min 95%, Sr. No. :01401	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. :01402	One	96%
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 for Body	Burst pressure shall be 55 bar if break from body and shall be 80 bar if break from welding. Sr. No. :01405A	One	144 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 500 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	154 N
16	9.10.1	Safety Locking Devices	Force required to remove safety locking device is 20N-100N	Two	46N & 51N
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	48N & 53N
18	10.1	Color for body	As per shade no. 538 (P.O. Red) of IS 5 and green band to be provide	All	Pass
19	---	Anticorrosive treatment & Painting	Phosphate treatment followed by pure polyester Powder coating with DFT not less than 50μ.	All	70 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)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
25	--	Dimensions and Completeness	Diameter:140±5, Height:490 Approx, Thickness:1.6mm Approx	All	Pass

Remarks: This is to certify that the Clean Agent type Fire Extinguishers of Capacity 4 kg. meets and confirms to the requirements of IS 15683:2018.

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TC No.: CA4/RQ/014/24	Model No.: KCARQ-4	Date: 10-07-2024
Type and Capacity of Extinguisher	: KCARQ-4-Kanex Clean Agent HFC Based Fire Extinguisher Cap. 4 Kg.	
Batch Number	: KCARQ4 014/24	
Batch Quantity	: 101.00 Nos.	
Serial Numbers	: 01301 To 1400 And 1305A	
Month of Manufacturing	: Jul/24	
Date of Inspection	: 10-07-2024	

Sr. Nos.	Cl. No.	Tests and Inspection	Requirements	Sampling	Observation
1	5.1.3	Extinguishing Agent	Clean agent (HFC 236fa) as per IS 15683:2018	One	Pass
2	5.3.2	Filling tolerance	+5% 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 2A:34B, hence Min. duration is 13 seconds. Sr. No. :01301	One	22 SEC.
5	7.2	Bulk range of Discharge	Approved fire rating is 2A:34B, hence Min. bulk range is 2 m. Sr. No. :01301	One	3.4 Mtr.
6	3.8	Percentage of Discharge	Min 95%, Sr. No. :01301	One	97%
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. :01302	One	98%
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 for Body	Burst pressure shall be 55 bar if break from body and shall be 80 bar if break from welding. Sr. No. :01305A	One	156 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 500 mm and shall withstands a hydro pressure of 55 bar for at least 30 seconds.	One	63 Bar
15	9.9	Method of Operation	Max. force required to operate the valve with full hand is 200N	One	166 N
16	9.10.1	Safety Locking Devices	Force required to remove safety locking device is 20N-100N	Two	64N & 69N
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	57N & 62N
18	10.1	Color for body	As per shade no. 538 (P.O. Red) of IS 5 and green band to be provide	All	Pass
19	---	Anticorrosive treatment & Painting	Phosphate treatment followed by pure polyester Powder coating with DFT not less than 50μ.	All	85 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)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
25	--	Dimensions and Completeness	Diameter:140±5, Height:490 Approx Thickness:1.6mm Approx	All	Pass

Remarks: This is to certify that the Clean Agent type Fire Extinguishers of Capacity 4 kg. meets and confirms to the requirements of IS 15683:2018.

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