



# Manufacturer Test Certificate



IS:15683:2018 Doc No: FM-QAC-061

Rev No: 01

Date: 01.06.2023

|                                   |  |                  |
|-----------------------------------|--|------------------|
| 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.<br>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.<br>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.<br>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 50 $\mu$   | All   | (60-90) $\mu$ |
| 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<br>2)Impact test<br>3)Vibrations test<br>4)External Corrosion test<br>5)Intermittent discharge test<br>6)Maximum Service Pressure<br>7)Fire performance test for B class 8)<br>Horn Test | As per IS 15683:2018  | ITEM<br>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.

RVSC 17/10/24 Mohan  
1254/04-25



Authorized Signatory



# Manufacturer Test Certificate



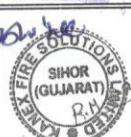
IS:15683:2018  
Rev No: 01  
Date: 01.06.2023

|                                   |  |                  |
|-----------------------------------|--|------------------|
| 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.<br>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.<br>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.<br>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<br>2)Impact test<br>3)Vibrations test<br>4)External Corrosion test<br>5)Intermittent discharge test<br>6)Maximum Service Pressure<br>7)Fire performance test for B class 8)<br>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.

RUSL 17/10/24 *[Signature]*  
1254/24-25



Authorized Signatory



# Manufacturer Test Certificate

IS:15683:2018  
CM/L:3802657

Doc No: FM-QAC-061  
Rev No: 01  
Date: 01.06.2023

|                                   |  |                  |
|-----------------------------------|--|------------------|
| 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. | Ci. 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<br>2)Impact test<br>3)Vibrations test<br>4)External Corrosion test<br>5)Internal Corrosion test<br>6)Intermittent discharge<br>7)Maximum Service Pressure<br>8)Crushing test<br>9)Pressure cycling<br>10)Fire performance test | As per IS 15683:2018  | ITEM     | As per Scheme of testing QTY Pass |
| 25       | --         | Dimensions and Completeness  | Diameter:106±5, Height:410 Approx,<br>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.

RUSL  
1254/24-25  
17/10/24



Authorized Signatory



# 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 temperature                                  | One      | Pass         |

Remarks: This is to certify that the above mentioned "KANEX" Brand Clean Agent Modulars 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 fire modules 5kg |             |
| 2    | -05 Nos                |             |
| 3    | SOLD OUT OF THIS LOT   |             |
| BILL | DATE                   | MANAGER (M) |



Authorized Signatory

Ruse 17/10/24 Date  
1254/24-25



# Manufacturer Test Certificate



IS:15683:2018  
Doc No: FM-QAC-061  
Rev No: 01  
Date: 01.06.2023

|                                   |  |                  |
|-----------------------------------|--|------------------|
| 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.<br>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.<br>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<br>2)Impact test<br>3)Vibrations test<br>4)External Corrosion test<br>5)Internal Corrosion test<br>6)Intermittent discharge<br>7)Maximum Service Pressure<br>8)Crushing test<br>9)Pressure cycling<br>10)Fire performance test | As per IS 15683:2018   | ITEM<br>1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10 | DELIVERY CERTIFICATE<br>We Confirm Delivery of Material to<br>M/s Acme Interiors Pvt Ltd<br>As per Scheme of testing QTY<br>1 Kanex-HFC 4kg - 06 Nos<br>2 OUT OF THIS LOT<br>All Pass |
| 25       | --         | Dimensions and Completeness  | Diameter:140±5, Height:490 Approx,<br>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.

Ruse 17/10/24 Date  
1254/24-25



Authorized Signatory



## **Manufacturer Test Certificate**

The ISI Mark logo consists of the letters 'ISI' in a stylized font enclosed within a square border.

Doc No: FM-QAC-061  
Rev No: 01  
Date: 01.06.2023

|                                   |  |                  |
|-----------------------------------|--|------------------|
| 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.<br>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.<br>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<br>2)Impact test<br>3)Vibrations test<br>4)External Corrosion test<br>5)Internal Corrosion test<br>6)Intermittent discharge<br>7)Maximum Service Pressure<br>8)Crushing test<br>9)Pressure cycling<br>10)Fire performance test | We Confirm Delivery of Material to<br>M/s Acme interiors pvt ltd<br>ITEM<br>As per IS 15683:2018                            | As per Scheme of testing | Pass        |
| 25       | --         | Dimensions and Completeness  | Diameter:140±5, Height:490 Approx<br>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.

RUSC 1254/24-25 17/10/24 Ashtam



**Authorized Signatory**