

|                                   |                                                                       |                  |
|-----------------------------------|-----------------------------------------------------------------------|------------------|
| TC No.: KF/LI/HQ9/008/26          | Model No.: KFLIHQ-9                                                   | Date: 20-02-2026 |
| Type and Capacity of Extinguisher | : KFLIHQ-9-Lithium-Ion (AVD) Stored Pressure Fire Extinguisher 9 Ltr. |                  |
| Batch Number                      | : KFLIHQ9 008/26                                                      |                  |
| Batch Quantity                    | : 11.00 Nos.                                                          |                  |
| Serial Numbers                    | : 00071 To 80 And 75A                                                 |                  |
| Month of Manufacturing            | : Feb/26                                                              |                  |
| Date of Inspection                | : 20-02-2026                                                          |                  |

| Sr. Nos. | Cl. No. | Tests and Inspection                            | Requirements                                                                                                              | Sampling | Observation |
|----------|---------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| 1        | --      | Extinguishing medium                            | Aqueous Vermiculite Dispersion (AVD) Emulsion                                                                             | One      | Pass        |
| 2        | --      | Filling tolerance                               | ± 2% by mass                                                                                                              | One      | Pass        |
| 3        | --      | Hydro test of the body                          | Test pressure 35 bar, Hold for 2.5 Min.                                                                                   | All      | Pass        |
| 4        | --      | Effective discharge time                        | Min duration is 150 seconds. For Class A Sr. No. :00071                                                                   | One      | 174 SEC.    |
| 5        | --      | Bulk range of Discharge                         | Min bulk range is 2 m. Sr. No. :00071                                                                                     | One      | 4 Mtr.      |
| 6        | --      | Percentage of discharge                         | Min. 85% Sr. No. :00071                                                                                                   | One      | 94%         |
| 7        | --      | 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. :00072 | One      | 95%         |
| 8        | --      | Leakage Test                                    | Inverted Glass Jar/ Applying Soap Solution                                                                                | All      | Pass        |
| 9        | --      | 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. :00075A              | One      | 151 Bar     |
| 10       | --      | Anti Corrosive Treatment                        | Phosphate treatment followed by pure polyester Powder Coating of DFT not less than 50μ.                                   | All      | (65-90)μ    |
| 11       | --      | Color for body                                  | Shade No. 538(P.O. Red) of IS 5 and green band to be provided                                                             | All      | Pass        |
| 12       | --      | Marking                                         | Standard Operating Instructions                                                                                           | All      | Pass        |
| 13       | --      | Dimension and Completeness                      | Diameter: 180±5mm, Height: 575 mm Approx Thickness: 2 mm Approx                                                           | All      | Pass        |

**Remarks: This is to certify that the Lithium-Ion Stored Pressure Fire Extinguisher of Capacity 9 Ltr meets the Standard Requirements.**



**Authorized Signatory**