

ABC DRY POWDER MAP-50% (STORED PRESSURE) 4 KG FIRE EXTINGUISHER

KANEX ABC Dry Powder MAP-50% (Stored Pressure) 4 kg Fire Extinguishers applicable on Class A, B, C and electrically started fires.

Brief description: ABC Dry Powder MAP-50% Fire Extinguishers with nominal charge of 4 kg (+/-2%). Constructed of MS Sheet by MIG Welding process and brass forged discharge Valve.

Approved Fire ratings 2A:21B with an effective throw of about 3 meters (Min. 2 m.) and discharge about 94% (Min. 85%).



Client :

PO No.

1.00 GENERAL DATA

| | | |
|------|---------------|----------------------------|
| 1.01 | Manufacturer | Kanadia Fyr Fyter Pvt Ltd. |
| 1.02 | Trade Mark | "KANEX" |
| 1.03 | Standard Code | IS 15683:2006 |
| 1.04 | Type | Portable Stored Pressure |
| 1.05 | Quantity | |

2.00 MATERIALS OF CONSTRUCTION

| | | |
|------|----------------------------------|---|
| 2.01 | Extinguishing Medium | Mono Ammonium Phosphate based dry powder 50% (Confirms to IS 14609) |
| 2.02 | Body | Mild Steel Sheet having Max. of 0.25% C, 0.05% P and 0.05% S |
| 2.03 | Neck Ring | M.S. Pipe |
| 2.04 | Valve | Brass |
| 2.05 | Siphon Tube | Plastic |
| 2.06 | Pressure Gauge/indicator | As per IS 15683:2006 |
| 2.07 | Wall mounting Bracket with screw | Mild steel (Powder Coated) |
| 2.08 | Discharge Hose with Nozzle | Rubber Braided EPDM Hose (Length:465mm) With Plastic Nozzle |

3.00 GUARANTEED PERFORMANCE

| | | |
|------|--------------------------|---|
| 3.01 | Performance Requirement | Min. effective Discharge Time: 13 Sec. (Actual : 18 Sec. approx) Bulk Range of Discharge: Min. 2 meter (Actual : 3 meter approx) Percentage of Discharge: Not Less than 85 % (Actual : 94% approx) |
| 3.02 | Fire Rating | 2A:21B |
| 3.03 | Temperature Range | -30 °C to +55 °C |
| 3.04 | Service Pressure | 15 bar |
| 3.05 | Maximum Service Pressure | 18 bar |

4.00 ROUTINE TESTS

| | | |
|------|---|--|
| 4.01 | Pressure test (Pt) | 35 bar (3.5 MPa) |
| 4.02 | Minimum Burst Pressure test (Pb) for Body | 55 bar (5.5 MPa) |
| 4.03 | Leakage test | By applying soap solution leakage to checked |
| 4.04 | Partial discharge | The second pressure or weight shall not be less than 75% of the first after interruption of the Discharge. |
| 4.05 | Burst Pressure Test For Discharge Hose | Not Less than 35 bar (3.5 Mpa) |

5.00 TYPE TESTS

As per IS 15683

6.00 DIMENSIONS

| | | |
|------|-------------------------|----------------------------------|
| | | Max. Diameter: 140±10 mm. |
| | | Height: 490 mm (Approx.) |
| 6.01 | Thickness of sheet | Made Up of 1.8 mm |
| 6.02 | Full weight of cylinder | 7.0 kg (Approx) |

7.00 ANTI - CORROSIVE TREATMENT

Phosphate Treatment followed by epoxy powder coating of body DFT not less than 50µ

8.00 ACCESSORIES (BRACKETS & SCREWS)

Provided

9.00 MISCELLANEOUS

| | | |
|------|---------------------------------|-----------------------------------|
| 9.01 | Inspection & Testing | As per approved GTP |
| 9.02 | Finish | PO Red as per IS : 5 (Shade 538) |
| 9.03 | Marking | As per IS 15683:2006 |
| 9.04 | Approvals | BIS |
| 9.05 | Maintenance, Care and Refilling | As per IS:2190 |

10.00 Packing

Corrugated boxes (Outer box sizes: 360x170x545mm)