

# 1. FOAM TYPE FIRE EXTINGUISHER – 9 LITRES

Parameter	Specification
Type	Stored Pressure Mechanical Foam Fire Extinguisher
Capacity	9 Litres
IS Standard	IS 15683 (Latest)
Fire Rating	Minimum 21A & 144B
Extinguishing Medium	AFFF Foam
Body Material	Mild Steel / Stainless Steel
Working Pressure	As per OEM standard
Test Pressure	As per IS standard
Operating Temperature	0°C to +55°C
Discharge Time	Minimum 15 sec
Discharge Range	Minimum 4 metres
Hose	Flexible discharge hose with nozzle
Mounting	Wall mounting bracket
Safety Device	Safety pin & pressure gauge
Certification	BIS marked
Application	Class A & B fires

---

# 2. CO<sub>2</sub> TYPE FIRE EXTINGUISHER – 4.5 KG

Parameter	Specification
Type	Portable CO <sub>2</sub> Fire Extinguisher
Capacity	4.5 Kg
IS Standard	IS 15683 / IS 2878
Fire Rating	Minimum 21B
Gas Purity	Commercial grade CO <sub>2</sub>
Cylinder Material	Seamless steel cylinder
Valve Type	Squeeze grip type
Discharge Horn	Non-conductive horn
Working Pressure	As per IS standard
Hydro Test Pressure	As per IS standard
Discharge Time	Minimum 8 sec
Discharge Range	Minimum 2 metres
Mounting	Wall bracket

Parameter	Specification
Certification	BIS certified
Application	Electrical & flammable liquid fires

---

### 3. CO<sub>2</sub> TYPE FIRE EXTINGUISHER – 9 KG

Parameter	Specification
Type	Portable CO <sub>2</sub> Fire Extinguisher
Capacity	9 Kg
IS Standard	IS 15683 / IS 2878
Fire Rating	Minimum 55B
Cylinder Material	Seamless steel
Discharge System	Hose with discharge horn
Valve Type	Wheel / squeeze operated
Operating Temperature	Suitable for Indian tropical conditions
Discharge Time	Minimum 15 sec
Discharge Range	Minimum 2 metres
Mounting	Trolley / wall mounting arrangement
Certification	BIS marked
Application	Electrical panels, substations, transformers

---

### 4. DCP TYPE FIRE EXTINGUISHER – 4.5 KG

Parameter	Specification
Type	Stored Pressure Dry Chemical Powder Extinguisher
Capacity	4.5 Kg
IS Standard	IS 15683
Fire Rating	Minimum 21B
Extinguishing Agent	MAP based DCP
Propellant	Nitrogen
Body Material	Mild steel powder coated
Working Pressure	As per IS standard
Discharge Time	Minimum 13 sec
Discharge Range	Minimum 3 metres
Hose & Nozzle	Flexible hose with squeeze grip

<b>Parameter</b>	<b>Specification</b>
Pressure Gauge	Provided
Mounting	Wall mounting bracket
Certification	BIS certified
Application	Class A, B & C fires

---

## **General Requirements Applicable to All Fire Extinguishers**

- All extinguishers shall be:
    - Brand new and unused
    - BIS marked
    - Supplied with mounting brackets
    - Properly painted and labeled
    - Provided with operation instructions
    - Hydrostatically tested
    - Suitable for tropical humid conditions
  - Manufacturer shall provide:
    - Test certificate
    - BIS certificate
    - Warranty certificate
    - Operating manual
- 

## **Preferred Approved Makes (or equivalent)**

- Ceasefire
- Kanex
- Minimax
- Safex
- Newage