

## **DRAFT TECHNICAL SPECIFICATIONS DRY POWDER TYPE FIRE EXTINGUISHER 6KG, 9KG etc,**

1. Dry Chemical Powder fire Extinguishers (Cartridge type) with fire rating ABC manufactured as per IS: 15683 of 2006 with IS mark and also comply with DGMS (Approval) Circular No: 2 DT: 8<sup>th</sup> July 2013.
2. The body and handle should be made of stainless steel.
3. The neck ring, cap, plunger, cartridge holder, piercer, siphon tube should be of brass or stainless steel.
4. It should be filled with ABC dry chemical powder, manufactured per IS: 14609 of 1999.
5. The CO2 Cartridge shall confirm to IS: 4947 of 2006 with IS mark.
6. The outlet connection, seating device and other parts in the CO2 cartridge should be non-ferrous or stainless steel as per IS: 3224.
7. Guarantee: The items should be guaranteed for a period of 24 month from the date of receipt and acceptance at SCCI stores.

### **Technical Specifications for 4.5kg Capacity CO2 type fire Extinguishers.**

1. CO2 type fire Extinguisher manufactured as per IS: 15683 of 2006 with IS mark and also comply with DGMS (Approval) Circular No: 2 DT: 8<sup>th</sup> July 2013.
2. The CO2 Extinguisher should be suitable for class B&C fire and also for fire involving electrical equipments.
3. The Cylinder used for fire Extinguishers shall be approved by petroleum and Explosive Safety Organization (PESO) Nagpur as per Gas Cylinder Rules 2004 and as per IS: 7285 of 2004.
4. The supplier shall furnish cylinder manufacturer test certificate & Hydraulic test certificate by BIS certificate from Petroleum and Explosive Safety Organization (PESO), Nagpur along with supplies.
5. The body should be made of seamless steel (manganese) confirming to IS 7285 with IS mark.
6. The Extinguisher should be provided with squeeze grip nozzle.
7. The Extinguisher should be filled with CO2 confirming to IS: 15222 of 2002 with certificate.
8. Guarantee: - The item should be guaranteed for a period of 24 months from the date of receipt and acceptance at SCCL stores.

### **Technical Specifications for 25 KG DCP fire Extinguisher.**

1. Dry chemical powder fire extinguisher (cartridge type) with fire rating ABC manufactured as per IC: 16018 of 2012 with latest amendments with IS mark and also comply with DGMS (approval) Circular No: 2 DT: 8<sup>th</sup> July 2013.
2. It should be filled with ABC dry chemical powder, manufactured as per IS: 14609 of 1999
3. The CO2 gas cylinder shall be fixed externally conforming to IS: 7285:2004 with latest amendments with IS mark and shall be filled with carbon dioxide conforming to IS: 15222 of 2002 with latest amendments.
4. The body should be stainless steel. The neck ring, cap, plunger, cartridge holder, piercer, nozzle, drain-plug siphon tube should be of brass or stainless steel.
5. Guarantee: - The item should be guaranteed for a period of 24 months from the date of receipt and acceptance at SCCL stores.