

COMPOSITE FIRE EXTINGUISHER



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Engineering Department

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

পশ্চিমবঙ্গ রাজ্য বিদ্যুৎ সংবহন কোম্পানি লিমিটেড
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SPECIFICATION of 2KG ABC POWDER TYPE COMPOSITE FIRE EXTINGUISHER

1. It should have 10 year guarantee against corrosion.
2. It should have 20 years shelf life, which should reduce the maintenance cost.
3. Should have UV protection of outer casing and Carbon Neutral.
4. It should be non-conductive ABC Type Powder for Class A, Class B and Class C and should have no lump formation for reduced inventory.
5. It should be built with Kevlar-Aramid type super strength yarn to make it stronger.
6. The Ext. should have higher fire rating of 13A, 55B in Powder based.
7. The extinguisher should have EN3 approval
8. Should be 100 % recyclable as there is no corrosion of parts.
9. No service visits should be required due to no corrosion, no welding, no split linings, no degreasing, no shot blasting, no painting, no waste disposal, and no danger of personal injury due to corrosion.
10. Should be Lightweight, less than 3 Kg for ease of operation and should be easily transported to any location in any form of transportation.
11. Should have Nickel-plated Brass Operation valve
12. Should have control discharge
13. The extinguisher should have operation pressure of 10-14 Bar.
14. Should have Test Pressure of 20 – 24 Bar.
15. The Composite Extinguisher should have burst pressure of 55 Bar.
16. Should have discharge range of min. 2 meters.
17. Should have the dimensions of min. 420mm (H) and 130mm (Dia).
18. The Extinguisher should have 2 pressure gauges for calibration at any time.