

Co2 22.5KG WHEELED TYPE FIRE EXTINGUISHER PRODUCT DATA SHEET

1. PRODUCT OVERVIEW

1	Brand Name	AUREX
2	Model Number	AIC-22001
3	Extinguisher Type	Co2 Wheeled type
4	Capacity	22.5 KG
5	Fire Classification	Class B / C
6	Fire Rating	89B
7	Coverage Area	4 Meters for 35 sec. Minimum
8	Compliance Standard	IS 16018:2012

2. STANDARD MATERIAL OF CONSTRUCTION

1	Cylinder thickness	4 MM low carbon M.S. sheet
2	Discharge valve	Wheel type , ISI Marked
3	Syphon tube	Aluminium
4	Discharge horn	None-conductive HDPE
5	Hose	Rubber reinforced hose pipe
6	External coating	Ultracoat EP poly

3. PERFORMANCE & ROUTINE TEST

1	Minimum Discharge Duration	95% minimum within 35 sec.
2	Effective Discharge Reach	4 Meter
3	Hydraulic Pressure Test	105 BAR
4	Bursting Pressure Test	225 BAR
5	Working Pressure	60 BAR
6	Operating Temperature Range	-30°C to +55°C
7	Type Test Standard	IS 16018 : 2012

4. TESTING & QUALITY ASSURANCE

1	Hydrostatic pressure evaluation	Passed
2	Leakage integrity assessment	Passed
3	Bursting Pressure endurance Test	Passed
4	Corrosion resistance & durability check	Passed

5. CERTIFICATIONS & COMPLIANCE

1	BIS Regulatory endorsement	Approved
2	IS 16018 : 2012 Certificate	Certified
3	ISO 9001 : 2015 Accreditation	Available

6. PHYSICAL DIMENSIONS & WEIGHT

1	Height	1155 +- 10 mm
2	Cylinder diameter	232 +- 5 mm
3	Empty weight	Approx 62.5 kg
4	Filled weight	Approx 85 kg

7. Maintenance & Serviceability

1	Inspection & testing frequency	As per IS standard 2190
2	Scheduled maintenance	Annual services recommended
3	Refilling Interval	Every 5 years
4	Operational lifespan	15 Years (under optimal storage condition)