



# ECO FIRE INDUSTRIES

[www.ecofireindustries.com](http://www.ecofireindustries.com)



**NSIC**



## **COMPANY PROFILE**

We, **ECO FIRE INDUSTRIES** is a leading manufacturer and supplier of all types of fire extinguisher and fire safety items and also we offering Services and maintenance in all over the India. **ECOFIRE** has been one of the leading brands in fire and safety sector from last **15 Years**. Our company has been founded in the year 2015 by **Mr. Pradeep Rawat**. He is the Founder and Managing Director of the company, Although we are based in Delhi, our head office and manufacturing Plants both in Delhi. We have more than **15 years** of experience in the area of fire fighting and equipment's. Fire has a place of special significance in our life and is considered a purifier but also a destroyer. We in our day to day life only look at **FIRE** from a positive point of view and completely ignore the negative aspect. Life is very precious and gods forbid, if accidents take place they catch us unexpectedly. We keep on hearing about fire calamities every day, but are casual about the consequences with regard to ourselves. We at **Eco Fire Industries** take this opportunity to introduce ourselves as a hardcore professional outfit with an insight into a customer's requirement. We are passionate about customer care & satisfaction and have successfully been providing our services with the right blend of quality and economy. There is an old proverb that if we are doing something without any objective it is worst. So, We at **Eco Fire Industries** have a very strong objective of bringing our country in ultimate fire safe environment. Providing latest technology equipment to our customers at rock bottom prices & best customer satisfaction is our motto. A strong service and support is consistent throughout the commitment period.

### **Manufacturing Range of Products:-**

#### **Fire Extinguisher**

(IS: 15683-2006)

POWDER, Co2

FOAM,

WATER

CLEAN AGENT

#### **Thermo Plastic Hose Pipe**

(IS: 12585 & 444)

#### **Fire Fighting Equipments**

Single Landing Valve 'Type' A (IS: 5290)

Double Landing Valve 'Type' B (IS: 5290)

Fire Hose Coupling (IS: 903)

Branch Pipe with Nozzle (IS: 903)

First Aid Hose Reel Drum (IS: 884)

### **Core Team:-**

Our sales & marketing team is a group of highly self motivated professionals who always retrieve to bring forward the best in terms of excellent services and quality of products to our clients. We in fact provide customized services based on the requirements of client and are engaged in the executions of all kinds of fire safety systems from concept to the commissioning stage of a project. There are hundreds of reasons why we never failed to wow our clients and customer and that can be seen by the reviews and feedbacks we're getting on daily basis. We're committed to keep our standards high and providing the services in perfection.



# Powder Base Fire Extinguishers



## TECHNICAL SPECIFICATION

Approval	ISI Marked as per IS 15683						
Body	Mild Steel						
Type	Constant Pressure / Cartridge Type						
Extinguishing Media	As per IS: 14609 / IS: 4308						
Propellant	Nitrogen / Co <sub>2</sub>						
Hydraulic Test Pressure	35 kgf/cm <sup>2</sup>						
Service Pressure	15 kgf/cm <sup>2</sup>						
Operating Temperature	-0°C to +55°C / -10°C to +55°C						
Min. Effective Discharge	85%						
Capacity	1 kg	2 kg	4 kg	6 kg	9 kg	4 kg	9 kg
Fire Rating	1A & 8B	1A & 8B	2A & 21B	3A & 21B	4A & 34B	21B	34B
Discharge Time	Min. 8 S	Min. 8 S	Min. 13 S	Min. 13 S	Min. 13 S	Min. 13 S	Min. 13 S
Discharge Range	1 Mtr.	1 Mtr.	2 Mtr.	3 Mtr.	3 Mtr.	2 Mtr.	3 Mtr.



# Carbon Di-Oxide Base Fire Extinguishers



## Carbon Di-Oxide Portable & Trolley Mounted Fire Extinguishers

Co<sub>2</sub> Type Extinguisher actually works on Flammable liquids, Gases & Electrical started Fire.



### TECHNICAL SPECIFICATION

IS Code	IS 15683			IS:16018		
Type	Stored Pressure.			Stored Pressure.		
Filling Ratio	0.667			0.667		
Test Pressure	250 kgf/cm <sup>2</sup>			250 kgf/cm <sup>2</sup>		
Operating Temperature	-20° C to +55° C			-30° C to +55° C		
Min. Effective Discharge	95%			95%		
Type of Extinguisher Media	CO <sub>2</sub> Gas			CO <sub>2</sub> Gas		
Capacity	2 kg	3 kg	4.5 kg	6.5 Kg	9 kg	22.5 kg
Fire Rating	8B	13B	21B	55B	89B	
Discharge Time	Min. 8 S	Min. 11 S	Min. 13 S	15 S to 25 S		
Discharge Range (Min.)	1 Mtr.	2 Mtr.	2 Mtr.	2 Mtr.		
Operating Valve (IS: 3224)	Wheel / Squeeze Grip Type					





# Foam & Water Type Fire Extinguisher



## TECHNICAL SPECIFICATION

Capacity	9 Litre	45 Litre
Indian Standard	ISI Marked as per IS 15683	
Body	Mild Steel	
Type	Constant Pressure/Cartridge type	Co <sub>2</sub> / Cartridge Type
Extinguishing Media	Water	
Propellant	Nitrogen/Co <sub>2</sub>	Co <sub>2</sub>
Hydraulic Test Pressure	35 kgf/cm <sup>2</sup>	
Operating Temperature	+5° C to +55° C	+5° C to +55° C
Min. Effective Discharge	More Than 90%	
Fire Rating	3A	20A
Discharge Time	Min. 13 S	Min. 120 S
Discharge Range	Min. 2 Mtr.	Min. 8 Mtr.

## Application Areas

All A Class Fires Which Involve Materials Like:  
Wood, Paper, Cloth, Fibers, Plastics, Rubber etc.



## Foam Base Fire Extinguishers



## TECHNICAL SPECIFICATION

Capacity	9 Litre	45 Litre
Indian Standard	ISI Marked as per IS 15683	
Body	Mild Steel	
Type	Constant Pressure/Cartridge type	Co <sub>2</sub> / Cartridge Type
Extinguishing Media	Aqueous Film Forming Foam (AFFF) As Per IS: 4989	
Propellant	Nitrogen/Co <sub>2</sub>	Co <sub>2</sub>
Hydraulic Test Pressure	35 kgf/cm <sup>2</sup>	
Operating Temperature	+5° C to +55° C	+5° C to +55° C
Min. Effective Discharge	More Than 90%	
Fire Rating	3A & 34B	20A, 233B
Discharge Time	Min. 13 S	Min. 120 S
Discharge Range	Min. 2 Mtr.	Min. 8 Mtr.

## Application Areas

All A & B Class Fires Which Involve Materials Like:  
Wood, Paper, Cloth, Petrol, Diesel, Plastics, Resins & Other Petrochemicals Products etc.



# Clean Agent Base Fire Extinguishers



## Clean Agent Fire Extinguisher

TECHNICAL SPECIFICATION			
IS CODE	IS 15683		
Body	Mild Steel		
Type	Constant Pressure		
Extinguishing Media	Clean Agent gas		
Propellant	Nitrogen		
Hydraulic Test Pressure	35 kgf/cm <sup>2</sup>		
Service Pressure	15 kgf/cm <sup>2</sup>		
Operating Temperature	-10° C to +55° C		
Min. Effective Discharge	85%		
Capacity	2 kg	4 kg	6 kg
Fire Rating	1A & 8B	2A & 21B	3A & 21B
Discharge Time	Min. 8 S	Min. 13 S	Min. 13 S
Discharge Range	1 Mtr.	2 Mtr.	3 Mtr.



## Trolley Mounted Fire Extinguisher

TECHNICAL SPECIFICATION			
Capacity	25 Kg.	50 Kg.	75 Kg.
Indian Standard	As per IS :16018		
Body	Mild Steel		
Type	Co <sub>2</sub> / Cartridge Type		
Extinguishing Media	Powder (As Per IS:4308 & IS:14609)		
Propellant	Co <sub>2</sub>		
Hydraulic Test Pressure	35 kgf/cm <sup>2</sup>		
Operating Temperature	-30° C to +55° C		
Min. Effective Discharge	More Than 90%		
Fire Rating	As per IS		
Discharge Time	Min. 120 S		
Discharge Range	Min. 8 Mtr.		





## First Aid Hose Reel Drum

### Technical Specification

BIS Specification	IS: 884
Type	A, Swinging Type, Wall Mounted
Size	INLE 20 MM



## Material of Construction

SIDWS, Hub, Wall Bracket	MS Sheet Conforming to IS 513
Swivel Joint	Grade LTB2 OF IS 318
Pipe With Fittings	IS 1239 (PART 1)
Hose	Rubber as per Is 444 or Thermoplastic as per IS 12585
Dishut of Nozzel	IS 8090

## Performance

Hydrostatic Pressures Test	No Leakage at 21 Kg/cm <sup>2</sup>
Range of Throw At 7 Kg/cm <sup>2</sup>	Minimum 6 Meters
Discharge At 7 Kg/cm <sup>2</sup>	Minimum 24 LPM



CM/L : 8100071296

## THERMO PLASTIC HOSE PIPE

- Size 20mm Dia
- Length 30 Mtr. & 36 Mtr.
- Type I & II
- Non-corrosive, light weight, Recyclable Thermoplastic material
- Flame resistant, Abrasion & kink resistant
- Better pressure sustainability & appealing looks



CM/L : 2642252



## Single Landing Valve (Type A) ISI Marked IS:5290

**Gun Metal / Stainless Steel**

### Technical Specifications

**Size:** Inlet 75mm size with one No. 63mm size female

outlet instantaneous coupling with pull out type lugs & chain

**Material:** LTB-2 Gun Metal - IS:318, Stainless Steel (SS)-

IS: 3444 & Aluminium -IS: 617

**Conforming Specification: IS 5290**

### Performance Test

- Hydrostatic (Body): Tested at 21 Kgf/cm<sup>2</sup>
- Water Tightness (Seat): Tested at 14 Kgf/cm<sup>2</sup>
- Flow Test: 900 LPM discharge at 7 Kgf/cm<sup>2</sup>



## Double Outlet Type Landing Valve (Type B) ISI Marked IS:5290

**Gun Metal / Stainless Steel**

Body, Bonnet Assembly: LTB2-IS:318 / IS: 3444

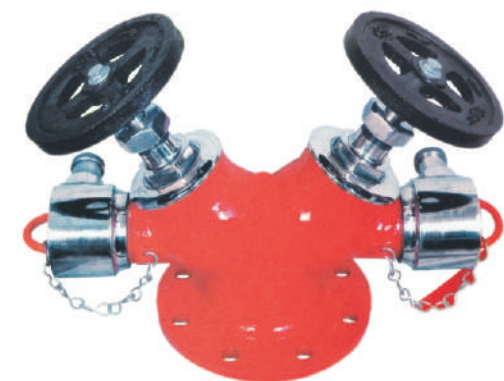
Valve Spindle: Brass Rod - IS: 319/320 / IS: 6603

Cast Iron Wheel: IS: 210

Rubber Washer: IS: 937 TYPE- (A)

Spring: Phosphoreus Wire: IS: 7608 / IS: 6528

Gland Packing: Asbestos Thread: IS: 4687





## Hose Delivery Coupling ISI Marked IS: 903

### Technical Specifications

Size: 63mm

Material: LTB-2 Gun Metal - IS:318, Stainless Steel (SS)-

IS:3444 & Aluminium IS:617

Conforming Specification: IS:903

### Performance Test

• Hydrostatic (Body): Tested at 21 Kgf/cm<sup>2</sup>



Gun Metal (LTB-2)



Stainless Steel



CM/L : 8100071397

## Branch Pipe & Nozzle ISI Marked IS: 903

### Technical Specifications

Size of Branch Pipe: 63mm

Size of Nozzles: 6mm, 12mm, 20mm and 25mm

Material: LTB-2 Gun Metal- IS:318, Stainless Steel (SS)-

IS:3444 & Aluminium- IS:617

Conforming Specification: IS 903

### Performance Test

• Hydrostatic Test (Body): Tested at 21 Kgf/cm<sup>2</sup>

Stainless Steel



Gun Metal (LTB-2)



## Fire Fighting Hose

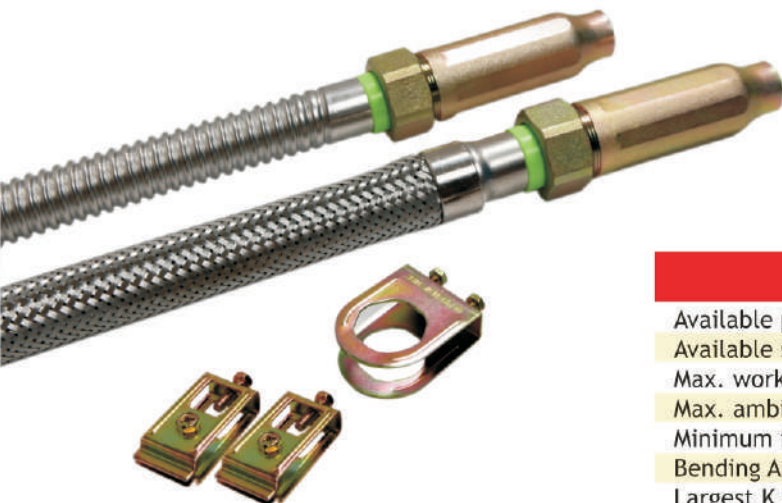
### CP HOSE / R.R.L. HOSE

Diameter	Bursting Pressure	Proof Pressure	Approx Coil Dia (30M. Length)
M.M.	Kgf/Cm <sup>2</sup>	Kgf/Cm <sup>2</sup>	CM
38	35.7	21.4	44-45
50	35.7	21.4	44-45
63	35.7	21.4	44-45
70	35.7	21.4	44-45



## SPRINKLER (Pendent/Sidewall/Upright)

Temperature Rating : 68°C  
 Glass Bulb Colour : Red  
 Thread Size : NPT1/2" or R1/2"  
 Max Service Pressure : 175psi  
 Glass Bulb Diameter (mm) : 05



## Flexible Sprinkler Hose

### TECHNICAL DATA

Available product length and type	700mm to 1800 (28" to 70")
Available square bar length	700mm to 1500 (28" to 59")
Max. working pressure	14 kgf/cm <sup>2</sup> (200psi)
Max. ambient temperature	107°C (225°F)
Minimum installation Bending Radius	75mm (3")
Bending Angles (Flow Direction)	up to 180 Degree
Largest K factor for 1/2 inch outlet	5.6 [gpm/(psi) <sup>1/2</sup> ]
Largest K factor for 3/4 inch outlet	14.0 [gpm/(psi) <sup>1/2</sup> ]
Intended use	Wet system and dry system



# FIRE FIGHTING EQUIPMENT



## Modular Fire Extinguisher

### TECHNICAL SPECIFICATION

Capacity	2 kg.	4 kg/5 kg.	9 kg./10 kg.
Media	Powder/Clean Agent		
Area Coverage	2-3m <sup>2</sup> Approx.	3-4m <sup>2</sup> Approx.	3-4m <sup>2</sup> Approx.
Test Pressure	35 kgf/cm <sup>2</sup>		
Anti Corrosive Treatments	Powder Coated		
Charged Weight	3.5 kg approx.	6.5kg to 7.5kg approx.	12.5kg to 13.5kg approx.
Charged Pressure	15 kgf/cm <sup>2</sup>		
Discharge time (S.)	5-7	8-10	10-15
Mounting	Ceiling Mounting Type		



## FIRE BRIGADE CONNECTION

### Two way/Three way/Four way

Size : 63mm dia  
 Material : Gun Metal/S.S. & Cast Iron Body  
 Performance Hydraulic Test: 21 Kg/cm<sup>2</sup>



## Water / Foam Monitors

Standpost Mounted  
 LTB2 Swivel Joint  
 Locking system for change in directions.  
 LTB2 Jet Nozzle  
 Bearings with S. S. ball in survival joint  
 Performance Test: 23 kgs f/cm<sup>2</sup>



Fire Bucket



Fireman's axe



Fire blanket



Fire Man Suit



Siren Electric



Triple Purpose Nozzle



G. M. Air Release Valve



Revolving Nozzle



# ECO FIRE INDUSTRIES

ISO 9001-2008 CERTIFIED COMPANY

Corporate Office: Wz-24, Manohar Park, East Punjabi Bagh,  
Near Ashok Park Main Metro Station, New Delhi-110026

Phone: 011-28313212 Mobile: 9911272612

Email: [ecofireindustries@gmail.com](mailto:ecofireindustries@gmail.com)

[www.ecofireindustries.com](http://www.ecofireindustries.com)