

MAHARANI FIRE SOLUTIONS

**ALL TYPES OF FIRE SAFETY
SOLUTIONS**

PLOT NO.67, STREET NO.6, SAROORPUR
INDUSTRIAL AREA, BALLABGARH,
FARIDABAD.

HARYANA (INDIA)

EMAIL – MAHARANIFIRE@GMAIL.COM

CONTACT NO. – 9354040795, 9354305625



PROFILE

- ▶ Maharani Fire Solution is a leading manufacturer of fire fighting chemicals and provides complete solution of the Fire industry. Maharani Fire Solution since its inception has always been committed to manufacture and supply of Fire Protection products, which includes firefighting foam, Dry Chemicals Powder, ABC Powder, K Type Fire Chemical of National and International standard to its customers in India and international customers.

List of Manufacturing Products

- . Sodium Bi Carbonate Dry Chemical Powder with ISI Mark
- . Potassium Bi Carbonate Dry Chemicals Powder with ISI Mark
- . Mono Ammonium Phosphate Base Dry Chemical Powder with ISI Mark
- . AFFF Foam Concentrates 3% and 6% with ISI Mark

Our Other Products

- ▶ D Class Powder (Suitable for Metal Fire)
- ▶ Olfex
- ▶ Flame Retardent Chemicals
- ▶ Fluor Protein Foam
- ▶ Alcohol Resistant Foam
- ▶ High Expansion Foam
- ▶ Concrete Foam
- ▶ ISI Mark Fire Extinguisher
- ▶ ISI Mark Co2 Gas Cartridges
- ▶ ISI Mark First Aid Hose Reel Drum
- ▶ ISI Mark Landing Valves
- ▶ ISI Mark Male Female Couplings
- ▶ ISI Mark Short Branch Pipe
- ▶ ISI Mark Nozzles
- ▶ Fire Fighting Equipments
- ▶ Fire Sprinkler
- ▶ Fire Extinguisher Ball

Fire Extinguisher Ball

Our New & Revolutionary Product is **FIRE EXTINGUISHER BALL**

That is Simplest and Fastest Way to Extinguisher the fire.

Fire Extinguisher Ball is a kind of shaped ball extinguisher, when simply thrown into the fire, it would activate within 3 seconds and effectively disperse extinguishing chemicals. When a fire occurs and no one is present, fire extinguisher ball will self activate when it comes into contact with fire and give loud noise to warn the people nearby. Due to this feature, it can be placed in many fire prone areas, such as electrical circuit breakers, or kitchen, cars, hotels etc. There is no special train or skill required to operate the ball and no need to face any dangers. No inspection and maintenance are required for the product life span for 5 years.

No toxic to the environment, Fire Extinguishing Ball is made from human and environmental friendly materials. The outward driving force from activation of the all does not harm to human and environment. It doesn't need any special maintenance. For a period of 5 years without maintenance required, always on guard for you with its unique capability to emit loud noise of less than 140dB as a fire alarm upon activation.



What type of material is used in your business?

Cross reference the chart. For example, if your business uses a lot of paper, you will see that water, foam spray, ABC powder and wet chemical extinguishers can all be used.

Extinguisher Classifications:

Class A- Ordinary flammable materials (paper, fabric, cardboard, lumber, etc.)

Class B- Liquid combustibles (grease, paint, gasoline, etc.)





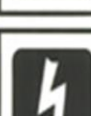
Class C- Electrically energized materials

Class D- Flammable metals

Class K- Kitchen combustibles (fats, grease, and oils)



Know your fire extinguishers

	WATER	FOAM SPRAY	CO2	ABC POWDER	WET CHEMICAL
 Wood, paper and textiles	✓	✓	⊗	✓	✓
 Flammable liquids.	⊗	✓	✓	✓	⊗
 Gaseous fires.	⊗	⊗	⊗	✓	⊗
 Cooking oils and deep fat fires.	⊗	⊗	⊗	⊗	✓
 Live electrical equipment.	⊗	⊗	✓	✓	⊗



▶ **Where do you need a fire extinguisher?**

- ▶ When deciding on placement of extinguishers, it is important to first protect the building, by placing extinguishers on normal paths of travel and no further than 75 feet apart*. Once the building is protected, it is important to protect special hazards. For example, if your business has a server room, you should consider placing a halon extinguisher in that room. Halon extinguishers leave little mess behind, so having one protect your server room is a great safety measure to protect it. **Distance varies by hazard level*

▶ **What size?**

- ▶ The size of extinguishers varies depending on the hazard level and the size of the location. For example, two locations may be the same size and layout, but they may require a different amount of extinguishers because one building contains a large amount of gas and one if an office. It is also important that you can properly operate the extinguisher using the P.A.S.S. method.
- ▶ If you still find yourself unsure, no problem! Give us a call, and one of our fire protection consultants will help assist you in selecting the right extinguishers for your business.

ABC Type Dry Chemical Powder

- ▶ IS 4308
- ▶ Apparent Density $1 \pm 10\%$
- ▶ Chemical Content 50% to 90% (Mono Ammonium Phosphate)
- ▶ Moisture Content Max 0.25%
- ▶ Water Repellency Excellent
- ▶ Heat Resistance Resistance to Heat
- ▶ Free Flowing Characteristic Min 50g / Sec
- ▶ Hygroscopicity 0.25%
- ▶ Appearance Free Flowing
- ▶ Colour Pale Yellow
- ▶ Application ABC Class of Fire

BC Type Dry Chemical Powder

▶ IS	4308
▶ APPARENT Density	1 ± 0.15
▶ Chemical Content	Sodium Bi-Carbonate
▶ Moisture Content	Max 0.25%
▶ Water Repellency	Excellent
▶ Heat Resistance	Resistant to Heat
▶ Free Flowing Characteristic	Min 50 g / Sec
▶ Foam Compatibility	Compatible
▶ Appearance	Free Flowing
▶ Color	White
▶ Application	For B & C Class of Fire

AFFF Type Dry Chemical Powder

▶ IS	4989 : 2008
▶ pH	6.5 – 8.5
▶ Sp. Gravity	1 – 1.12
▶ Viscosity Max	10 cSt
▶ Pour Point	Flows at Zero ⁰ C
▶ Spreading Coefficient	+ 3 Min
▶ Fire Control Time	Max 60 Sec
▶ Expansion at 27 + 5 ⁰ C	6 – 12
▶ Application	For A & B Class of Fire

Type of Fire Extinguisher

- ▶ Multipurpose ABC Dry Powder Stored Pressure Type
- ▶ Carbon Dioxide Gas Type Portable & Trolley Mounted
- ▶ Multipurpose Clean Agent Stored Pressure Type
- ▶ Mechanical Foam Type Fire Extinguisher
- ▶ Water Co2 Type Fire Extinguisher
- ▶ Dry Powder Type BC Fire Extinguisher
- ▶ K Type Fire Extinguisher for Kitchen

Type of Fire Fighting Equipments

- ▶ Fire Suit, Fire Blanket
- ▶ Water Monitor
- ▶ First Aid Hose Reel
- ▶ Landing Valve (Type A, B)
- ▶ Branch Pipe & Nozzle
- ▶ Fire Hose Delivery Coupling
- ▶ Spinklers
- ▶ RRL Hose Pipe & Hose Box
- ▶ Hose Reel with Drum

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THANK YOU

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HOPE TO SERVE YOU SOON