

YOUR FUTURE  
NOT IN ASH  
ITS IN  
AASHIRWAD



**AASHIRWAD GROUP is one of the leading group for delivering of best in class personal protective equipments.**



**Mr. Gaurav Oza  
(Founder Aashirwad Group)**

**Founder Of AASHIRWAD GROUP Mr. Gaurav Oza believes in ensuring to serve our customers effectively health and safety systems in place to protect all our customers, employees getting confidence of customers and enhance business reputation.**

**Our Founder Mr. Gaurav Oza is certified high preassure boiler operator and have experience of about 2 decades in Thermal Power Station and also specialized in maintainance, overauling, operation of water tube and fire tube boilers. Mr Gaurav oza have a long work experience of boiler erection statutory and as built line work of steam and water lines.**

**We are not only a company or a brand who sells safety products but also we are having best team for consulting and to help our customers by their good experience and best services.**

**Mr. Upendrakumar Erda (Tech. Ele) is having 26 years of experiance in electical works. and also having experiance of 24 years of work for Hotels, Hospitals, Malls, Highrise Buildings, Industries and many more. also he is Operator of 11KV Power Dstribution Pannel.**

**We have wide range of latest technology equipments and products comprising of Personal Protective Equipments, Fire Safety Systems, Road Safety, Industrial Safety, Marine Safety, Lifting Materials, Lock Out-Tag Out and Signages. We have a dedicated team looking after Safety Training and Audit. We are single window providing solution to all your safety issues. We have mastered ourselves at innovation in business and delivering exceptional quality at reasonable price giving highest level of satisfaction to our respected customers.**

**Our team of Engineers are constantly innovating and bringing new ideas to our business. Our Executive Technical Manager is having wide experience and teams works under their guidance also dedicated themselves for ensuring safety first all over. Our R&D team continously works to ensure safety of our customers. Our team is dedicated to serve best quality work and product on specified time.**

**We also work in CO2 flooding system or central bank CO2 system wich is one of the common fixedfire fighting system installed on most of the Heavy Chemical Industries, Petro Chemical Industries, Cement Industries, Power Plants, Digital Libraries, Ships, Paper Mills, AirCRAFT Carrier and many more.**



**Our fire safety products are one stop solution for our customers**

- 1. Fire Fighting Equipment**
- 2. Safety Equipment and Personal PPE**
- 3. Fire Sprinkler System**
- 4. Wet and Dry riser System**
- 5. Fire EXtinguishers**
- 6. Fire Detection and Alaram System**
- 7. Supply, Installation, Testinh Commissioning Equipments.**
- 8. Flooding System**
- 9. Foam Fire Suppression System**

**Our Wide Range Of Products Are:**

**Hydrant Valves**

**Delivery Hose Pipe and Couplings**

**Nozzles and Sprinklers**

**Water and Foam Monirots**

**Trailer/ Trolly Mounted Monitors**

**Hose Cabinets and Hose Reels**

**Dry Riser Gitting and Acessories**

**Hand Line Nozzles, Siren and Hose Building Machine**

**Hydrant Stand Posts**

**Monitor Nozzles and Water Ejector Pump**

**Fixed and Portable Foam Ewuipments**

**Vehecal Accesories**

**Custom Engineered Skids**

**To achieve highest peak of business through expecting values, unsurpassed professional approach, best service to customers, friendly work culture and innovative ideas.**

**Mission**

- 1. Provide quality products to our customers**
- 2. Development effective safety systems**
- 3. Identify, manage and reduce risk**
- 4. Comply with needs of the customers**
- 5. Building trust and long lasting relationships**





# HYDRANT VALVES

IS : 5290 TYPE 'A'

IS : 5290 TYPE 'B'



Single Headed (GM)



Screwed Inlet



Double Headed (GM)



Single Headed (SS)



Pressure Reducing Valves



Double Headed (SS)

- ◆ Eliminates Theft Problem Being Low Resale Value.
- ◆ No Corrosion As Highly Corrosion Resistant.
- ◆ Excellent Finish Due To Investment Casting
- ◆ Proven Design With Less Friction Loss
- ◆ Robust Construction For Safety
- ◆ Excellent Durability & Low Maintenance
- ◆ Pull Out Type/ Quick Release Lug For Easy Operation

## Specifications :

- ◆ Size : 63mm
- ◆ Material : Gun Metal / Stainless Steel / Aluminum
- ◆ Inlet : 75mm NB Flanged as per IS:1538 / As per ANSI B 16.5 150 Class
- ◆ Outlet : Standard 63mm Female Instantaneous



Under Ground Hydrant Valve



# HOSE PIPES



 Hose Pipe As per IS:636 Type-A



 Hose Pipe As per IS:636 Type-A With Elastomer Coating



 Hose Pipe As per IS:636 Type-B



 CP Hose Pipe as per IS:8423

- ◆ Size : 63mm
- ◆ Length : 30 mtrs / 15 mtrs / 7.5 mtrs length
- ◆ RRL IS 636 Type-A : Premium Quality Reinforced Rubber Line Fire Hose, Circular Woven Jacket made from **100% Synthetic Yarn**, Heat and Abrasion Resistance
- ◆ RRL IS 636 Type-B : Internally Rubber lining combined with closely woven Polyester Fiber, Wrap made of multiply high tenacity fibers, Good Chemical resistance and protection against ageing, Smooth inner lining surface and very low friction loss
- ◆ Controlled Percolated IS: 8423 : Controlled Percolating hoses made from synthetic yarn for more strength.

# COUPLINGS



GM Coupling



SS Coupling



Alu. Coupling

- ◆ Size : 63mm
- ◆ Material : Gun Metal / Stainless Steel / Aluminum
- ◆ Approval : ISI
- ◆ Hydro Test Pressure : 21 kgf/cm<sup>2</sup>



# HANDLINE NOZZLES



Short Branch Pipe  
With Nozzle



Multi Purpose Nozzle



Tripple Purpose Nozzle



Jumbo Curtain Nozzle



Water Curtain Nozzle



Nozzle Spanner



Fog Nozzle



Revolving Nozzle



Pinchering Nozzle

- ◆ Size : Generally 63mm Male Instantaneous / Screwed
- ◆ Material : Gun Metal / Stainless Steel / Aluminum Alloy
- ◆ Working Pressure : 7 kgf/cm<sup>2</sup>



Shut off Nozzle



Jet &  
Spray

# SPRAY NOZZLES



Medium Velocity  
Spray Nozzle



High Velocity  
Spray Nozzle



Water Curtain  
Spray Nozzle



Sprinkler  
Q.B. Detector

- ◆ Material : Brass / Stainless Steel
- ◆ Inlet : 1/2" & 3/4" BSPT / NPT
- ◆ Flow : As per requirement
- ◆ K-Factor : As per requirement
- ◆ Angle : As per requirement
- ◆ Finish : Natural Finish / Chrome Plated



# MONITORS



- ◆ Body : Carbon Steel Water Ways (Hot Dip Gavanized)
- ◆ Swivel Joint : Bronze (Manual Lever Lock) / SS 304
- ◆ Inlet : Flanged to IS:1538 / ANSI B 16.5 150 LBS
- ◆ Outlet : Male BSP Threaded / Nozzle made of Alu. Alloy / Gunmetal
- ◆ Test Pressure : 23 kg/cm<sup>2</sup>

Model	Operating Pressure Range kg/cm <sup>2</sup>	Flow Range lpm	Inlet Flange NB	Barrel Size / Nozzle Bore Dia NB	Performance	
					Flow lpm	Range Mtrs.
PFS 63	6-12	1500 – 2500	75 / 100	63 / 32	1750	55
PFS 75	6-12	1800 – 3500	100	75 / 38	2580	60
PFS 100	7-12	2500 – 5500	100/150	100 / 45	3750	65

\* when used with matching jet nozzles at 7 kg/cm<sup>2</sup> pressure at nozzle, at an approximate angle 30 degrees, in still wind conditions

**WATER MONITOR**



**PORTABLE GROUND MONITOR**



**VEHICLE MONITOR**



**TROLLEY MOUNTED MONITOR**

## CONSTRUCTION :-

- ◆ Chassis : M.S.
- ◆ Deck : Non - Slip Aluminum Chequered Plate
- ◆ Wheels : (Pneumatic / Solid) as per requirement
- ◆ Stabilizing Jacks : M.S.
- ◆ Foam Tank : SS 304
- ◆ Nozzle : as per requirement
- ◆ Inlet : 63mm Male Instantaneous with Ball Valve



**TRAILER MOUNTED WATER AND FOAM MONITOR**



# HOSE CABINET



- ◆ M.S. DOUBLE DOOR FIRE HOSE CABINET
- ◆ M.S. SINGLE DOOR FIRE HOSE CABINET
- ◆ F.R.P. DOUBLE DOOR FIRE HOSE CABINET
- ◆ F.R.P. SINGLE DOOR FIRE HOSE CABINET

- Application** : Hose Boxes fabricated from M.S./S.S./FRP for storage of Fire Hoses and nozzles. Single and Double Hose Boxes available.
- Material of construction** : M.S. Sheet 16 to 18 SWG / SS 304 sheet 18 SWG/FRP
- Brief Description** : Single Hose Box: for accommodating 1 No. 15 Mtr Hose / 1 No. 7.5 Mtr Hose and one nozzle. Approximate size: 450mm x 600mm x 250mm (for IS; 636, Type B hose, the recommended size is 600mm x 600mm x 250 mm)  
 Double Hose Box: for accommodating 2 No. 15 Mtr Hoses and one nozzle. Approximate size: 750mm x 600mm x 250mm (for IS; 636, Type B hose, the recommended size is 900mm x 600mm x 250 mm)

# HOSE REELS



**SWINGING TYPE REEL**  
Export Design



**SWINGING TYPE WALL MOUNTED**  
IS Design



**HORIZONTAL TYPE HOSE REEL**  
Ahmedabad Design



**HOSE REEL WITH FOAM TANK**

**WALL MOUNTED TYPE AND HORIZONTAL MOUNTING :-**

- ◆ Inlet : 1" Threaded Inlet Connection
- ◆ Outlet : ¾" / 1" / 1½" outlet connection for Hose to accommodate 30 mtrs. / 36 mtrs. / 40 mtrs. Hoses
- ◆ Hose : Rubber Braided / Thermoplastic
- ◆ Test Pressure : 7 kgf/cm<sup>2</sup>



# DRY RISER FITTING



Flange to NRV Adaptor



2 Way Inlet Breeching



3 Way Inlet Breeching



4 Way Inlet Breeching

- ◆ Body : Cast Iron / M.S. / Gun Metal / Aluminum Alloy
- ◆ NRV : Gun Metal / Stainless Steel
- ◆ Inlet : Flanged 3" / 4" / 6" NB
- ◆ Working Pressure : 10 kgf/cm<sup>2</sup>

# FITTINGS



International Shore Connection



Flange to Round Thread Adaptor



Flange to Male Inst. Adaptor



Air Release Valve



Non Return Valve



Suction Wrench

- ◆ Material : Gun Metal / Aluminum Alloy
- ◆ NRV : Gun Metal / Stainless Steel
- ◆ Inlet : As per requirement
- ◆ Working Pressure : 7 kgf/cm<sup>2</sup>



# HANDLINE NOZZLES



Dual Pressure Nozzle



Constant Flow Nozzle



Mid Jet Nozzle



Select O Flow Nozzle

### **SPECIALITY NOZZLES :-**

- ◆ Light Weight / Easy Handling
- ◆ Long Range Jet and Fog Pattern
- ◆ Option of Fixed / Spinning Teeth
- ◆ Select Flow Facility
- ◆ Very Low Maintenance
- ◆ Sturdy Nozzle
- ◆ Low and Medium Expansion Foam Attachment Available
- ◆ Made of Alu. Alloy Hard Anodised

# MISC



Electric Siren



Hand Operated Siren



Manual Hose Binding Machine

### **HOSE BINDING MACHINE :-**

- ◆ Material : M.S. and G.I. graded material as per IS:3744
- ◆ Accessories : Male / Female adaptors for binding of different sizes, available on request



# STAND POST HYDRANTS



Single Headed Stand Post



Double Headed Stand Post

- ◆ Material : M.S. Heavy Grade
- ◆ Flange : M.S. IS:2062 /ASA 105
- ◆ Inlet : 4" NB Flanged  
(As per ANSI B 16.5 150 LBS)
- ◆ Outlet : 2 Nos. 80mm NB Flanged  
(As per ANSI B 16.5 150 LBS)
- ◆ Test Pressure : 23 kgf/cm<sup>2</sup>



Double Headed Stand Post with Pumper Connection



2 - Way Stand Post with Monitor



4 - Way Stand Post



# MONITOR NOZZLES



Jet Nozzle

- ◆ Size : Suitable for 63 mm, 75mm, 100mm size Monitors
- ◆ Material : Gun Metal / Stainless Steel / Aluminum (Hard Anodized)
- ◆ Inlet : Threaded BSP / Flanged for 150mm size Monitor
- ◆ Flow : Designed for optimum flow and range of each size



Jet and Spray Nozzle



Water Foam Nozzle



Foam Barrel

# PUMPS



Ejector Pump

### **WATER EJECTOR :-**

The Water Ejector is simple jet pump, for pumping out water, slurry, etc.

- ◆ Material : Aluminum Alloy body, Aluminum / Gun Metal Nozzle
- ◆ Connection : 63mm Instantaneous Male Inlet, 4" RT Male Suction, 4" RT Male
- ◆ Discharge Capacity : Approx 400 GPM at 5 kgf/cm<sup>2</sup> Inlet Pressure size

### **TURBO PUMP :-** Water Turbine Driven Centrifugal Pump

- ◆ Inlet : 63mm Male Instantaneous Inlet
- ◆ Outlet : 63mm Male / Female Instantaneous Outlet
- ◆ Material : a) Body : Gun Metal / Aluminum Alloy Hard Anodized  
b) Impeller : Gun Metal  
c) Strainer : Stainless Steel
- ◆ Working Pressure : 3 kgf/cm<sup>2</sup> min.



Turbo Pump



# FOAM EQUIPMENT



## Technical / Performance Data

Inlet Connection	Outlet Connection	Flow at 3.5 kgf/cm <sup>2</sup> Lpm
50 NB	80 NB	75 – 225
65 NB	100 NB	225 – 450
80 NB	150 NB	450 – 900
100 NB	200 NB	900 – 1800
150 NB	250 NB	1800 – 2700



- ◆ Applicable for Fixed Roof Tank
- ◆ Available in different flow range
- ◆ Suitable for all types of Foam Concentrate
- ◆ 3 to 4 % Foam Expansion
- ◆ Flange Connection as per ANSI B 16.5 150 LBS
- ◆ Vapour Seal Rapture Pressure 0.7 to 1.75 kgf/cm<sup>2</sup>
- ◆ Material : Mild Steel

**Foam Maker without Vapour Seal**

- ◆ Applicable for Floating Roof Tank
- ◆ Available in different flow range
- ◆ Suitable for all types of Foam Concentrate
- ◆ 3 to 4 % Foam Expansion
- ◆ Flange Connection as per ANSI B 16.5 150 LBS
- ◆ Material : Mild Steel

- ◆ Tank : Corrosion resistant FRP
- ◆ Chassis Frame : M.S. / SS 304
- ◆ Handle : SS 304
- ◆ Hose Basket : SS 304
- ◆ Tyres : Solid Polymer Tyres.

Inline Inductor provided with ON / Off valve and having induction rate of 3% or 6%mm Variable options available on request.

Inductor provided with PVC braided hose and SS 304 Dip Tube. 2 Nos. of 63mm dia. 15 Mtrs. Long Hoses provided with the Trolley (choice of RRL or Synthetic Hose)



**Mobile Foam Trolley Unit**

- ◆ Material : a) Shell : SS 304
- b) Pipe Assly : SS 304
- c) Pelton Wheel : SS 304
- d) Fan Assly : SS 304 / Aluminum
- e) Spray Nozzles : Gun Metal
- f) P. Wheel Nozzles : Gun Metal / Brass
- ◆ Inlet : Standard 63mm Instantaneous Male (GM / SS 304)
- ◆ Finish : Natural Finish

Data / Model		HI EX
Output (M3/min)	at 3.5	48
Expansion	bars*	1:270
Output (M3/min)	at 5.5	68
Expansion	bars*	1:310
Height (mm)		610
Approx Wt.		< 18

\*pressure at Generator inlet



**High Expansion Foam Generator**



# FOAM EQUIPMENT



Foam Making Branch  
FB-5X

Foam Making Branch  
FB-10

Foam Making Branch  
FB-10X

- ◆ Material : a) Barrel : Aluminum / SS 304
- : b) Nozzle Assly : Aluminum / Gun Metal
- : c) Handle Wheel : Aluminum / SS 304
- : d) Fan Assly : SS 304 / Aluminum
- : e) Holding Ring : Aluminum
- ◆ Inlet : 63mm Instantaneous Male (GM / SS / Aluminum)
- ◆ Finish : Single Red Paint / Natural Finish for SS

#### Technical / Performance Data

Data / Model	FB 5X	FB 10X
Nominal Flow (lpm)*	225	450
Range (Mtrs.)*	20	25
Expansion**	1:10	1:10
Length (mm)	770	915
Approx Wt. (Alu.)	3.5	5.2
(S.S.)	5.0	6.0

\* - at 7 kg/cm2 pressure at branch inlet  
\*\* - using standard AFFF compound



Portable Inline Inductor

- ◆ Material : a) Tube : Aluminum / Brass
- : b) Body : Aluminum / Gun Metal
- : c) Nozzle : Gun Metal
- : d) Improver : Aluminum / SS 304
- ◆ Inlet / Outlet : 63mm Instantaneous Male / Female (GM / SS / Aluminum)
- ◆ Finish : Single Red Paint / Natural Finish for SS

#### Technical / Performance Data

Data / Model	IN 225	IN 450
Nominal Flow (lpm)*	225	450
Recommended operating pressure (bars)	5-10	5-10
Length (mm)	435	435
Approx Wt. (Alu.)	5.4	5.4
(Brass)	---	9.0

\* - at 7 kg/cm2 pressure at inductor inlet



Fixed Inline Inductor



Medium Expansion Foam Branch

#### Technical / Performance Data

Data / Model	MEFG 225	MEFG 450
Nominal Flow (lpm)*	225	450
Range (Mtrs.)*	06	08
Expansion**	1:40	1:40
Length (mm)	530	615
Approx Wt.	5.0	6.2

\* - at 4 kg/cm2 pressure at branch inlet  
\*\* - using standard AFFF compound



Medium Expansion Foam Generator

#### Technical / Performance Data

Data / Model	MEFG 600	MEFG 1100	MEFG 1600
Nominal Flow (lpm)*	600	1100	1600
Range (Mtrs.)*	3	3	3
Expansion**	1:40	1:40	1:40
Length (mm)	635	920	950
Approx Wt.	9.3	18.0	22.0

\* - at 3.5 kg/cm2 pressure at branch inlet  
\*\* - using standard AFFF compound



## FIRE VEHICLE ACCESSORIES



Fire Hook  
IS : 927



Fireman AXE  
IS : 926



Pouch and  
Belt for AXE



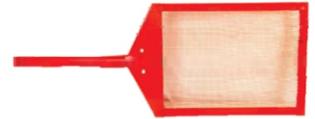
Multi Edge Rescue  
AXE IS : 5505



Canvas Bucket



Basket Strainer  
IS : 3582



Fire Beater  
IS : 8096

## DELIVERY HOSE ACCESSORIES



Hose Clamp  
IS:5612 PT.-I



Hose Strap



Hose Bandage  
IS:5612 PT.-II



Hose  
Slinge

### Hose Clamp :-

◆ Material : M.S. Sheet Galvanized

### Hose Bandage :-

◆ Material : Water Proof Canvas as per IS:5612 Part-II

### Hose Strap :-

◆ Material : Canvas & Self Locking Clamp

◆ Size : 860mm x 40mm

## BREECHES



Collecting Breech



Dividing Breech



Controlled Dividing Breech

◆ Material : Gun Metal / Aluminum  
◆ Sizes : 63mm  
◆ Test Pressure : 21 kgf/cm<sup>2</sup>

## MISC ACCESSORIES



Fire Bucket  
With Stand



ABC Fire Extinguisher - 4 KG



ABC Fire Extinguisher - 6 KG



Co2 Fire Extinguisher



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