



SINCE 2010



ARMORFIRE®
Shield of Quality



Approval By BMC



INDIA'S LARGEST INHOUSE MANUFACTURING COMPANY

Our Product Family



Introduction

As a world-class manufacturer and supplier of premium fire-fighting equipment, We M/s. Armor Steel Industries Private limited (Formerly Mahadev Casting), in association with the esteemed brand ARMORFIRE, has established itself as a leader in both domestic and international markets. Our state-of-the-art, in-house manufacturing unit facilitates casting, machining, assembly, and testing processes, enabling us to capitalize on every opportunity to minimize fire risks in living spaces and industrial areas. We are committed to delivering exceptional goods and services that meet our customers' needs, while ensuring compliance with ISO 9001:2015 requirements. Our relentless pursuit of quality excellence drives us to continually seek improvements and maintain the highest standards. With a team of technically expert employees dedicated to benchmarking quality standards, we are confident that our presentation will be of interest to you. We assure you of our competence and desire to fulfill your contract in a manner that is totally satisfactory to you.

Vision

Vision To be recognised as one of the world's most trusted and innovative manufacturer of fire-fighting products by providing our customers highest quality products that combine performance and advanced technology with value pricing while achieving 100 % customer satisfaction.

Our Philosophy

"Committed to protecting" are simple words, but these have a very deep meaning when put into practice. These important words represent our prime principles to which we will always be dedicated.

Foundry Unit

Production Capacity :

Steel Foundry :

After Second World war birth of **No Back Alfa Set Casting** process came into existence. which provides finest Quality aspect. We have the capacity of 1500 Tones/Year.

Quality assurance is ensured by a written assurance program that include the following testing and inspection procedure

Materials :

Stainless Steel

(High and Low temp, service)

CF8, CF8M, CF3, CF3M, CF8C,
COPPER ALLOY, GUN METAL, ALUMINUM



ISI PRODUCT

IS : 5290

 CML :7600124609



S.S. HYDRANT VALVE TYPE-A TECHNICAL SPECIFICATION

Size Of Landing Valve	: 63mm
Inlet (Type-a)	: 3" Nb Flanged For Single Outlet.
Outlet	: Female Instantaneous.
Material	: Stainless Steel /Gun Metal
Conforming Specification	: Is.5290.

PERFORMANCE TEST

Hydrostatic test (Body Test)	: Tested at 23 kgf/cm ² for 2 ½ minute.
Water Tightness (Seat Text)	: Tested at 14 kgf/cm ²
Flow Test	: (TYPE-A) 900 LPM discharge at 7 kgf/cm ²
Documentation	: Test & Guarantee Certificate
Lug	: Twist Release Type & Pull Out Type

HAND WHEEL

Grey Cast Iron.

WARRANTY

12 Months from the date of supply.

Weight 8.5kg Approx



IS : 5290

 CML :7600124609



S.S. HYDRANT VALVE TYPE-B

TECHNICAL SPECIFICATION

Size Of Landing Valve	: 63mm
Inlet (Type-b)	: 4" Nb Flanged For Double Outlet
Outlet	: Female Instantaneous.
Material	: Stainless Steel /Gun Metal
Conforming Specification	: Is.5290.

PERFORMANCE TEST

Hydrostatic test (Body Test)	: Tested at 23 kgf/cm ² for 2 ½ minute.
Water Tightness (Seat Text)	: Tested at 14 kgf/cm ²
Flow Test	: (TYPE-B) 1800 LPM discharge at 7 kgf/cm ²
Documentation	: Test & Guarantee Certificate
Lug	: Twist Release Type & Pull Out Type

HAND WHEEL

Grey Cast Iron.

WARRANTY

12 Months from the date of supply.

Weight 17.1kg Approx

Two Way Hydrant Standpost



- Body: Carbon Steel
- Inlet: 4" Flanged
- Working Pressure: 150 PSI
- Outlet: 2 Nos. of 3" Flanged.
Optional, 1 Nos. of 4" Flanged Outlet for Monitor
- Test Pressure: 325 PSI

IS : 636



CM/L : 8700021816
CM/L : 8800146314

ISI PRODUCT



TYPE-A



TYPE-B

ARMOR FIRE RRL HOSE

Hose	: Armor Fire RRL Hose(Reinforced Rubber Lined Hose) Conforming to IS : 636/2018 TYPE-A, ISI Marked 63mm.
Application	: This RRL Hose is used for water delivery Purpose in Fire-Fighting & Civil Engineering Applications Etc.
Construction:	
Jacket	: Circular woven jacket made from a special blend of Cotton & Synthetic Yarn with high abrasion and heat resistance. Jacket is also treated with suitable rot proofing agent
Reinforcement	: A thin fabric reinforcement bonded by a special adhesive.
Standard Length	: 7.5 Mtrs / 15 Mtrs / 22.5 Mtrs / 30 Mtrs
Documentation	: Test & Guarantee Certificate
	Test : Hydrostatic Proof & Burst Pressure Test as per IS : 443-1975

Rubber Lining	: A rubber inner lining with suitable rubber compound which gives flexibility, durability & Better resistance 636/2018 TYPE-B, ISI Marked 63mm.
Standard Length	: 7.5 Mtrs / 15 Mtrs / 22.5 Mtrs / 30 Mtrs
Documentation	: Test & Guarantee Certificate
End Connection	: Male Female Coupling Stainless Steel /G.M.
Features	: Compact Flexible & Light Weight, And Easy To Maintain, Ability To Withstand High Operation, & Back Pressure, High Abrasion Resistance, Excellent Heat Resistance Fabric, Strong And Durable
Test	: Hydrostatic Proof & Burst Pressure Test as per IS : 443-1975

ISI PRODUCT



S.S. MALE-FEMALE COUPLING

TECHNICAL SPECIFICATION

Size	: 63mm
Material	: Stainless Steel/Gun Metal/Aluminium
Conforming Specification	: IS.903

PERFORMANCE TEST

Hydraulic test (Body Test)	: Tested at 21 kgf/cm ² for 2 ½ minute.
Documentation	: Test & Guarantee Certificate

WARRANTY

12 Months from the date of supply.

Weight 2.6kg Approx



S.S. BRANCH PIPE & NOZZLE

TECHNICAL SPECIFICATION

Size Of Branch Pipe	: 63mm
Size Of Nozzles	: 20mm
Material	: Stainless Steel/Gun Metal/Aluminium
Conforming Specification	: IS.903

PERFORMANCE TEST

Hydraulic test (Body Test)	: Tested at 21 kgf/cm ² for 2 ½ minute.
Working Pressure	: 7 kgf/cm ²
Documentation	: Test & Guarantee Certificate

WARRANTY

12 Months from the date of supply.

Weight 2.2kg Approx

TRIPLE PURPOSE NOZZLE

SPECIFICATION

Type :	Jet/Spray/Shut Off
Material :	Stainless Steel IS: 3444
Inlet :	63mm / 2.5 Inch Male Inlet
Outlet :	Jet/Spray/Shut Off / 20mm Nozzle Tip
Flow:	900 LPM At 7Bar Intel Pressure
Hydrostatic	
Pressure Test :	Tested At 21 kgf/cm ²

FEATURES

Triple Purpose/Universal Manufactured In
According With IS:2871 Standard
Nozzle Comes With hollow Jet, Protective Spray And Complete Shut Off
Discharge Pattern
Nozzles Are Manufactured With 63mm Male Inlet
Available In Both Gun Metal And Stainless Steel
Polish Or Chrome Finish As Required.

AS PER : IS 2871



AS PER : IS 906



REVOLVING NOZZLE

SPECIFICATION

Type :	Create 3-Dimensional Spray
Material :	Gun Metal IS:318 LTB -2 Chrome Plated
Inlet :	63mm/2.5 inch Male Instantaneous
Outlet :	Revolving Head
Flow :	500 LPM at 7 Bar Inlet Pressure
Hydrostatic	Hydrostatic
Pressure Test :	Tested at 22 Kgf/cm ²

FEATURES

Revolving Nozzle manufactured in
accordance with IS:906 Standard
Nozzle create a 3-dimensional spray,
resulting in excellent cooling mainly
used for roof storage tanks
Nozzle comes with Solid jet or fog or
complete shut of discharge pattern
Nozzle is supplied in Gun Metal
Chrome finish

CONSTANT FLOW NOZZLE



SELECT O FLOW NOZZLE



FEATURES

- Light Alloy Hard Anodized Construction
- Long Range Jet And Fog Pattern
- Special Design For Low Back Thrust
- Light Alloy Hard Anodized Construction
- Stainless Steel Ball Shut off Handel To Work
- Smoothly At Extreme Pressure Range
- Anti-Slip Finger Lock Pistol Grip

SPECIFICATION

Body And Parts:	Aluminum Alloy, Extruded, Hard Anodized.	Discharge Pattern:	Adjustable From Full Fog to Straight Strem (in Clockwise)
PistolGripHandle:	Rubber Moulded	Discharge Range:	35 Mtrs
Bumper:	Rubber	Flow Rate (Constant Flow):	150 to 600 LMP @ 7 Bar Calibrated Flow Rate As Per Requirement
Inlet:	63mm Malse Instantaneous	Flow Rate (Select O Flow):	200-250-350-475-600 LPM @ 7Bar Variable Flow Selecton
Test Pressure:	21 Bar Working Pressure: 7 Bar		

MAYURA/JUMBO CURTAIN NOZZLE



SPECIFICATION

Type:	Curtain Nozzle
Inlet:	2 1/2" Male Instantaneous
Outlet:	Mayur Curtain Spray(Horizontal 18 Mtrs, Vertical 8.5 Mtrs.)
Operating Pressure:	145 PSI Max.
Finish:	Post Office Red Color Plat And Polished Male Adaptor
Flow:	750 LMP @ 100 PSI

DIVIDING AND COLLECTING

DIVIDING BREECHING



SPECIFICATION

Type :	Dividing Breeching Confirming To IS:905
Body :	Gun Matel LTB - 2
Inlet :	1x 2.5 Inch Male Instantaneous To IS : 903
Outlet :	2x2 2.5 Inch Female
Hydrostatic	Instantaneous To IS: 903
Work Pressure :	10.5 Kg/cm....
Test Pressure :	Tested At 22.5 Kgf/cm...

COLLECTING BREECHING



SPECIFICATION

Type :	Dividing Breeching Confirming To IS:905
Body :	Gun Matel LTB - 2
Inlet :	1x 2.5 Inch Female Instantaneous To IS : 903
Outlet :	2x2 2.5 Inch Female
Hydrostatic	Instantaneous To IS: 903
Work Pressure :	10.5 Kg/cm....
Test Pressure :	Tested At 22.5 Kgf/cm...



Single Door Fire Hose Box

Capacity:	Suitable for Storing one nos 7.5 mtr or 15 mtr hose and one Nozzle
Features:	Light Weight & Weather Proof Wall Mounted/ Self Standing
Coating:	Finished with Post Office Red Color
Thickness:	18 SWG
Lock:	Mechanical Key Lock
Key Box & Handle	Provided
Wall Mounting	
Bracket:	Provided
Glass:	Acrylic Fitted with rubber beading for transparency on single door.



Double Door Fire Hose Box

Capacity:	Suitable for Storing two nos 7.5 mtr or 15 mtr hose and one Nozzle
Features:	Light Weight & Weather Proof Wall Mounted/Self Standing
Coating:	Finished with Post Office Red Color /Luminous Yellow Color
Thickness:	18 SWG
Lock:	Mechanical Key Lock
Key Box & Handle:	Provided
Wall Mounting Bracket:	Provided
Glass:	Acrylic Fitted with rubber beading for transparency on both door



Regular Type Hose Reel Drum



Regular Type Hose Reel Drum

FEATURES :

Strong and Durable, Premium,
Corrosion resistance, Leakage resistance,
Reduces Hose wear.

GENERAL DATA :

Make : ARMOR FIRE
Size/Model : HOSE REEL (Swinging Type)
Inlet : 3/4" MBSP Threaded connection.
Outlet : Hose fitted with Stainless Steel & Brass
shut-off nozzle. (Jet/Spray type optional)

WARRANTY :

12 Months from the date of supply.

MATERIAL OF CONSTRUCTION :

Side Plates : Mild Steel IS : 513
Hub : Mild Steel IS : 513
Side Rim : Mild Steel IS : 513
Swivel Joint : Mild Steel IS : 513
Hose Reel Tubing : Thermoplastic IS: 12585
Rubber Pipe IS : 444
Size 20mm. : 30Mtr., 36Mtr., 40Mtr.,

DIMENSIONS :

Plate Thickness : 0.8 mm Plate
Diameter : 490 mm HUB
Distance : 165 mm

PERFORMANCE TEST :

Range : 6 Mtr. (Min)
Flow : 24 L.P.M @ 7 Bar

PERFORMANCE TEST :

Range : 6 Mtr. (Min)
Flow : 24 L.P.M @ 7 Bar

FINISH :

Plates perfectly shaped
Powder coated fire Red color as per IS:5,
Shade No:536

Malaysian Type Hose Reel Drum



Malaysian Type Hose Reel Drum

FEATURES :

Strong and Durable, Leakage resistance,
Premium Quality, Corrosion resistance,
Reduces Hose wear.

GENERAL DATA :

Make : ARMOR FIRE
Size/Model : HOSE REEL (Swinging Type)
Inlet : 3/4" MBSP Threaded connection.
Outlet : Hose fitted with Stainless Steel & Brass
shut-off nozzle. (Jet/Spray type optional)

WARRANTY :

12 Months from the date of supply.

MATERIAL OF CONSTRUCTION :

Hub : Mild Steel IS : 513
Side Rim : Mild Steel IS : 513
Swivel Joint : Aluminium
Hose Reel Tubing : Thermoplastic IS: 12585
Rubber Pipe IS : 444
Size 20mm. : 30Mtr., 36Mtr., 40Mtr.,

DIMENSIONS :

Plate Thickness : 18 and 20 Gauge
Diameter : 540 mm
Distance : 150 mm

PERFORMANCE TEST :

Range : 6 Mtr. (Min.)
Flow : 24 L.P.M @ 7 Bar

PERFORMANCE TEST :

Flow : Min. 24 L.P.M @ 7 Bar
Range : 6 Mtr. (Min.)
Documentation : Test Certificate

FINISH :

Plates perfectly shaped
Powder coated fire Red color as per IS:5, Shade No:536

TWO WAY INLET



Two way Inlet

- (1) Non return valve : Stainless steel /Gun Metal
- (2) Flange size : # P.C.D-180 mm, O.D-220 mm, I.D--100 mm.
- (3) No. of hole : # 08 Nos. Dia of hole: # 19 mm.

Weight 10.4kg Approx

THREE WAY INLET

Three Way Inlet

- (1) Non return valve : Stainless steel/Gun Metal
- (2) Flange size : # P.C.D-180 mm, O.D-220 mm, I.D-100 mm.
- (3) No. of hole : # 08 Nos. Dia. of hole : # 19mm.

Weight 14.9kg Approx



FOUR WAY INLET



Four Way Inlet

- (1) Non return valve : Stainless steel/Gun Metal
- (2) Flange size : # P.C.D-242 mm, O.D-280 mm, I.D-150 mm.
- (3) No. of hole : #08 Nos. Dia. of hole : # 19mm.

Weight 23kg Approx



ABC POWDER PORTABLE FIRE EXTINGUISHERS

IS : 15683



ABC POWDER PORTABLE
AUTOMATIC 5KG & 10KG



TECHNICAL SPECIFICATIONS

Model	AS- 1	AS- 2	AS- 4	AS- 6	AS- 9	ASSP - 25
Capacity (in kg)	1	2	4	6	9	25
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Type Of Extinguishing Media	DryPowder IS 14308	DryPowder IS 14308	DryPowder IS 14308	DryPowder IS 14308	DryPowder IS 14308	DryPowder IS 14308
Expellant						
Minimum Effective Discharge (%)	85	85	85	85	85	85
Minimum Jet Length (in metres)	More than 2	More than 2	More than 2	More than 2	More than 2	More than 6
Discharge Time (in Seconds)	More than 8	More than 8	More than 13	More than 13	More than 13	More than 30
Hydraulic Test Pressure (in kg/sq.cm)	35	35	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright
Operation Temperature Range (in celsius)	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)60	(-)30 to (+)55
Operating Valve	Squeeze Grip With Nozzle	Squeeze Grip With Nozzle	Squeeze Grip With Discharge Hose	Squeeze Grip With Discharge Hose	Squeeze Grip With Discharge Hose	Controllable Discharge Valve Mechanism
Fire Rating	1A & 21B	1A & 21B	2A & 55B	3A & 89B	4A & 144B	20A & 233B

Applicable on fires involving





Carbon Dioxide Portable Fire Extinguishers

Applicable on fires involving



TECHNICAL SPECIFICATIONS

Model	AS Co2- 4.5	AS Co2 - 2
Capacity (in kg)	4.5	2
Filling Ratio	0.667	0.667
Type of Extinguishing Media	Co2 Gas Conforming to IS:15222	Co2 Gas Conforming to IS:15222
Expellant	Self	Self
Minimum Eective Discharge (%)	95	95
Minimum Throw (in metres)	More Than 2	More Than 1
Minimum Discharge Time (in secouds)	More than 8	More than 8
Operating Position	Upright	Upright
Operating Temperature Range (in Celsius)	(-)30 to (+)60	(-)30 to (+)60
Operating Valve (IS 3224)	Squeeze Grip I Wheel Type	Squeeze Grip I Wheel Type
Fire Rating	55B	21B

AUTOMATIC SPRINKLERS

STANDARD SPRAY SPRINKLER

AS PER : IS 9972



UPRIGHT



PENDENT



HORIZONTAL SIDEWALL



Physical Characteristics

Frame	Bronze
Button	Brass/Copper
Bulb	Glass
Compression	Bronze
Screw	Bronze
Deflector	Copper
Sealing	Nickel Alloy w/Teflon or
Assembly	NBR O-ring

Maximum Working Pressure
175 psi (12,1 bar)

K FACTOR	k=5.6 (80,6) k=8.0 (115,2)
THREAD SIZE	1/2 R 3/4" R
	1/2" NPT 3/4" NPT
TEMPERATURE	135°F/57°C, 155°F/68°C 175°F/79°C, 200°F/93°C, 286°F/141°C, 360°F/182°C
SPRINKLER FINISH	Natural Brass, Chrome plated Pure White, Signal White
BULB	UL & Non UL BULB 3mm, 5mm

MEDIUM VELOCITY NOZZLE

SPECIFICATION

- Directional Spray Nozzle With Cone Shaped Spray Pattern
- Suitable For Minimum Working Pressure Of 7 PSI (0.5 Bar) and Maximum Working Pressure Of 175 PSI (12 Bar).
- Wide Range Of K-Factor And Spray Angle Are Available.
- Available In Brass Forged Polished Or Chrome Plated.
Intet 1/2 inch BSPT



WATER CURTAIN NOZZLE



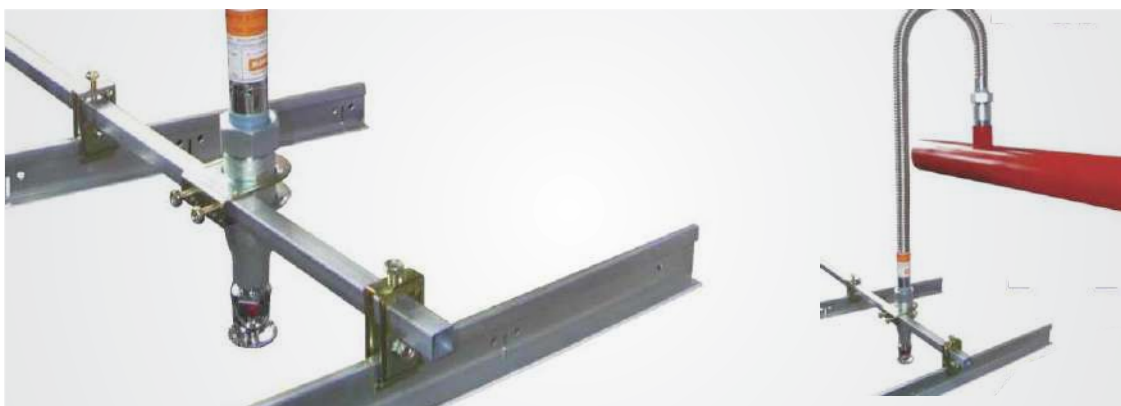
Braided Flexible Sprinkler Hose



BRAIDED FLEXIBLE HOSE

LENGTH (in MM)	700	1000	1200	1500	1800
Max.Working Pressure	200 PSI	200 PSI	200 PSI	200 PSI	200 PSI
Inlet Nipple	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
Outlet Reducer	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT
Material of Construction	SS 304	SS 304	SS 304	SS 304	SS 304
SUITABLE K-FACTOR	5.6 & 8	5.6 & 8	5.6 & 8	5.6 & 8	5.6 & 8

Unbraided Flexible Sprinkler Hose



UNBRAIDED FLEXIBLE HOSE

LENGTH (in MM)	700	1000	1200	1500	1800
Max.Working Pressure	200 PSI	200 PSI	200 PSI	200 PSI	200 PSI
Inlet Nipple	1" BSPT	1" BSPT	1" BSPT	1" BSPT	1" BSPT
Outlet Reducer	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT	1/2"NPT OR 3/4"NPT
Material of Construction	SS 304	SS 304	SS 304	SS 304	SS 304
SUITABLE K-FACTOR	5.6 & 8	5.6 & 8	5.6 & 8	5.6 & 8	5.6 & 8

Wafer Type Butterfly Valve



Component	Material
Body	Cast/Ductile Iron, SS 304
Disc	SGI/SS 304
Shaft	SS 410
Seat	Nitrilite/EPDM



Sizes: 1 ½", 2", 3", 4", 5", 6", 8", 10" and 12".
Specifications:

- Max Working Pressure – 16 Kg/cm²
- Body Test Pressure – 24 Kg/cm²
- Seat Test Pressure – 17.5 Kg/cm²
- End connection – Wafer end suitable for Flange ANSI B 16.5 Class 150#
- Operation – Lever Operated
Gear Operated



FIREMAN AXE

SPECIFICATION

Material:	Axe Made From Forged Carbon Steel.
Performance:	Withstands 20000 Volts
Weight:	Approx 1.2 Kg

FEATURES

Fire Man Axe Insulated with rubber grip as per IS:926
Tested for 11 KV
Used in emergency to cut live cables and to break open doors and glass panels etc.



ORIFICE PLATE

SPECIFICATION

Application:	To Reduce Pressure In Landing Valve
Material:	SS-304
OD Size:	139 mm , 157mm
ID Size:	50 mm , 60 mm
Thickness:	6mm



ALARM CHECK VALVE

- Size: 100 NB, 150 NB (4" & 6")
- Cast Iron Construction
- Maximum Service Pressure 12.5 kg/cm.sq (175 psi)
- End Connection: Flanged X Flanged
- Variable Pressure Trim With Retard Chamber And Motor Gong



RESILIENT SEATED SLUICE/GATE VALVE

Sr. No.	PART	MATERIAL
1	BODY	DUCTILE IRON GR 500-7
2	WEDGE	DUCTILE IRON GR 500-7+ EPDM
3	BONNET	DUCTILE IRON GR 500-7
4	STEM	SS 410
5	STEM NUT	BRASS
6	GASKET	EPDM
7	LOADING RING	BRASS
8	O RING	EPDM
9	BOLTS	STAINLESS STEEL A2-70
10	HAND WHEEL	DUCTILE IRON GR 500-7
11	GLAND	DUCTILE IRON GR 500-7
12	NUTS	STAINLESS STEEL A2-70
13	WASHER	NYLON

Sr. No.	DESCRIPTION	SPECIFICATION
1	NOMINAL DIA	DN50-DN300
2	NOMINAL PRESSURE	PN16
3	VALVE DESIGN STANDARD	BS5163
4	FACE TO FACE STANDARD	EN558 & ISO5752 SERIES-3
5	SHELL TEST	PN24
6	SEALING TEST	PN 17.6
7	WORKING TEMP. (MAX.)	120°C



STAINER Y – TYPE #150

Parameter	Technical Specification
Valve Type	Y- Type Strainer Flanged End
Other Type	Bolted Cover type
Valve Rating	# 150
Valve Design	Manufacturing Standard
Flange Thickness & Drilling	As per ASME B 16.15
End To End Dimensions	As per ASME B 16.10
Testing Standard	As per API 598
Test Pressure Body	Hydrostatic 24 Kg/cm2
End Connection	Flanged, Drilled to B 16.5 # 150
Screen	100 Mesh
Size range : 25,40,50,65,80,100,125,150,200 (All Dim. In mm)	
COMPONENTS	MOC
Body	Cast Iron
Cover	Cast Iron
Mesh	SS 304
Gasket	CAF
Fastners	MS





WATER MONITOR IS:8442

AS PER IS : 8442



TECHNICAL SPECIFICATION

- SIZE OF MONITOR : 63mm
- SIZE OF INLET FLANGE : 90mm
- OUTER DIA. : 190.5mm
- BOLT CIRCLE DIA. : 152.4mm
- BOLT HOLE DIA. : 19mm
- NO. OF HOLES : 04
- THICKNESS : 23.8mm
- FLANGE DIA./HEIGHT : 127/1.6mm
- MATERIAL OF HANDLE : MILD STEEL IS:1732
- MATERIAL OF BRANCH PIPE : ALLUMINIUM/ STAINLESS STEEL
- MATERIAL OF NUT : GUN METAL IS:778
- MATERIAL OF BEARING : STAINLESS STEEL
- MATERIAL OF AIRPOK : GUN METAL IS:778
- MATERIAL OF NOZZLE : STAINLESS STEEL
- CONFIRMING SPECIFICATION : IS: 8442

PERFORMANCE TEST

- Operative Test : Tested at 0.7 N/mm² at an angle of 30°
- Discharge Capacity : 1750 l/min
- Horizontal Throw : 53m
- Working Pressure : 0.7 N/mm²
- Documentation : Test Certificate

WARRANTY

- 12 Months from the date of supply.

Long Range Monitors

- Ideal for Fixed Installation
- Flanged Inlet – Dimensions as per Requirement
- Design that ensures ease of operation and maintenance
- Made out of Carbon Steel heavy duty seamless pipe, hot dip galvanized for Corrosion Resistance



Low Expansion foam Branch



- Designed to perform well with all types of foam
- Control Valve optionally available
- Available in Straight / Dome pattern

Non Return Valve (NRV)



Aqua Form Nozzle with Teeth



- Self Inducting, Non aspirating type
- Spray angle upto 160 degrees
- Induction 3% preset
- Maximum working pressure 10 bar

Air Release Valve



- Body : Copper Alloy
- Inlet Connection : Threaded Male Connection
- Description : Inlet Connection With 1" BSP

Socket Weld Fittings



Full Coupling Socket Weld

Size : 1"
Material : A105



Socket Weld x Threaded Coupling

Size : 1" X 0.5" BSP THREAD
Material : A105



Tee Socket Weld X Threaded

Size : 1" x 0.5" BSP Thread
Material : A105



90° Elbow Socket Weld

Size : 2" inch, 1-1/2" inch
1-1/4" inch, 1" inch
Material : A105



90° Elbow Socket Weld x Threaded

Size: 1" x 0.5" BSP THREAD
Material: A105



Reducing Coupling Socket Weld

Size: 1-1/4" X 1" inch, 1-1/2" X 1" inch, 1-1/2" X 1-1/4" inch,
2" X 1-1/2" inch, 2" X 1-1/4" inch, 2" X 1" inch

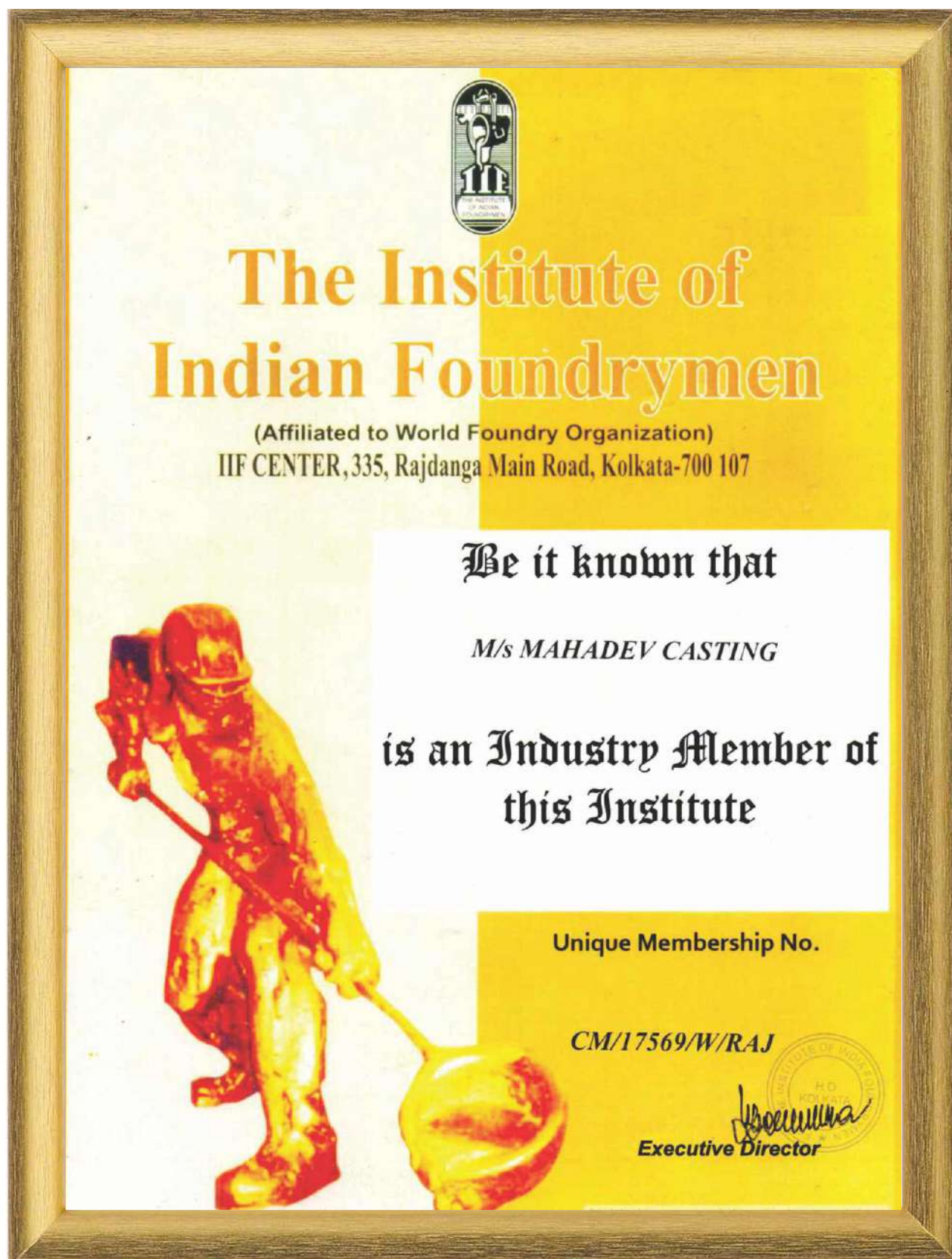
Material: A105



Tee Socket Weld

Size: 2" inch, 2" x 1-1/4" inch, 2" x 1" inch, 1-1/4" inch, 1-1/4" x 1" inch,
1-1/2" inch, 1-1/2" x 1-1/4" inch, 1-1/2" x 1" inch, 1" inch

Material: A105







Certificate of Compliance

This is to certify that the technical documentation for the product:

Landing Valve, Hose Coupling, Hose Pipe and Fire Fighting Equipments.

Manufactured by:

Mahadev Casting

Survey No. 123/P2, Plot No. 43 to 45/3, J. K. Diamond Industrial Area, B/H Madhuvan Restaurant,
AT: Lothda, District Rajkot - 360002 (Gujarat), India.

Complies with the requirements (technical documentation including inspection & test results) of **Pressure Equipment Directive 97/23/EC**. Hence manufacturer's declaration of conformity according to above regulation is accepted. **Mahadev Casting** can place the CE marking as per laid down regulations on the products mentioned above.

Certificaat Nummer / Certificate No. : RSBV-2307-6443

Datum Van Publicatie / Date of Issue : 18/07/2023
Vervaldatum / Date of Expiry : 17/07/2026
Previous Certificate No.: CE-BV-2007-2926

Royal Stancert B.V.

Factuel Assessments - Global Certifications

Regd. Office - Joop Geesinkweg 701, 1114 AB Amsterdam, The Netherlands.
(KvK-Nummer 71431802 / RSIN 858713159 - Rechtsvorm - Besloten Vennootschap).

This certificate remains the property of **Royal Stancert B.V.** and must be returned whenever demanded. The validity of this certificate can be verified at <http://www.royalstancert.org>. **Royal Stancert B.V.** is an independent system, product and personal assessment body accredited by Global Euro Accreditation Centre, Georgia. (GCIN - 654). Email: info@royalstancert.org



Director (Certification)

CE
236443



PAC-GEAC-1506-299



भारतीय मानक ब्यूरो
Bureau of Indian Standards
 The National Standards Body of India

**For any other
communication**

Address:

Rajkot Branch Office-I-F P
 No. 364/P, Ward no.
 13, Opposite Crystal Mall,
 Next to Bharat Petrol
 Pump, Kalawad Road,
 Rajkot,
 RAJKOT, GUJARAT, 360005

Phone:

0281-2563981, 2563982,
 2563984, 2563978

Fax:

0

E-Mail:

rjbo@bis.gov.in

Web:

www.bis.org.in,
 www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7600124609

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
7600124609	MAHADEV CASTING -survey no.123/P2, plot no.43 to 45/2, , J.K.Diamond Industrial area,B/h Madhuvan Restaurant , rajkot : 360002	Specification for landing valves	IS 5290 : 1993

Endorsement No. 4 Dated 09-Dec-2023

Whereas, the licence was valid upto Sixteenth December Two Thousand Twenty Three.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 15-DEC-2023 has been extended from Sixteenth December Two Thousand Twenty Three to Fifteenth December Two Thousand Twenty Four

Other terms and conditions of licence remain same.

Branch Head (Rajkot Branch Office-I)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg, ,DELHI,110002

Contact No: +91 11 23230131, 23233375,
 23239402

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BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7600124710

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
7600124710	MAHADEV CASTING -survey no.123/P2, plot no.43 to 45/2, , J.K.Diamond Industrial area,B/h Madhuvan Restaurant , rajkot : 360002	Specification for Fire Hose Delivery Couplings, Branch Pipe, Nozzles And Nozzle Spanner - Specificaion	IS 903 : 1993

Endorsement No. 4 Dated 09-Dec-2023

Whereas, the licence was valid upto Sixteenth December Two Thousand Twenty Three.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 15-DEC-2023 has been extended from Sixteenth December Two Thousand Twenty Three to Fifteenth December Two Thousand Twenty Four

Other terms and conditions of licence remain same.

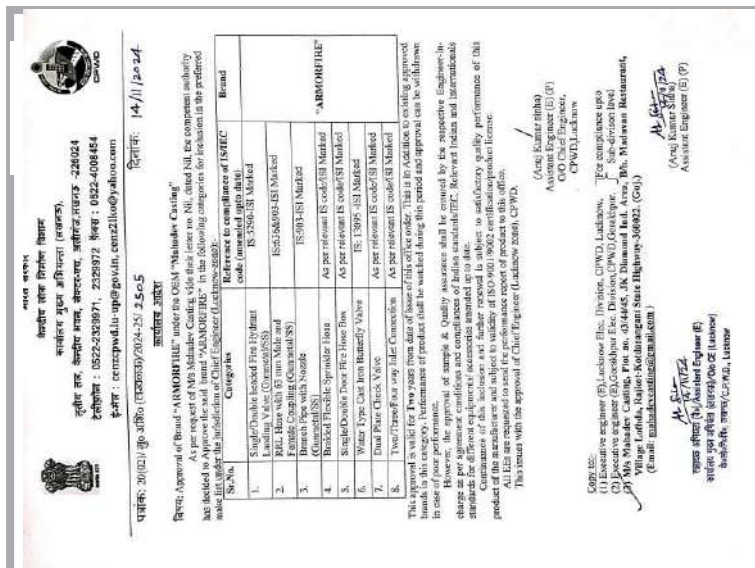
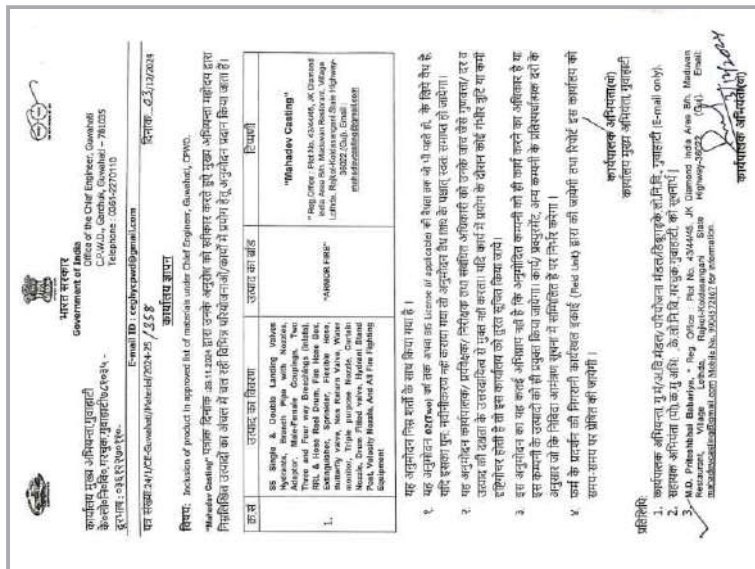
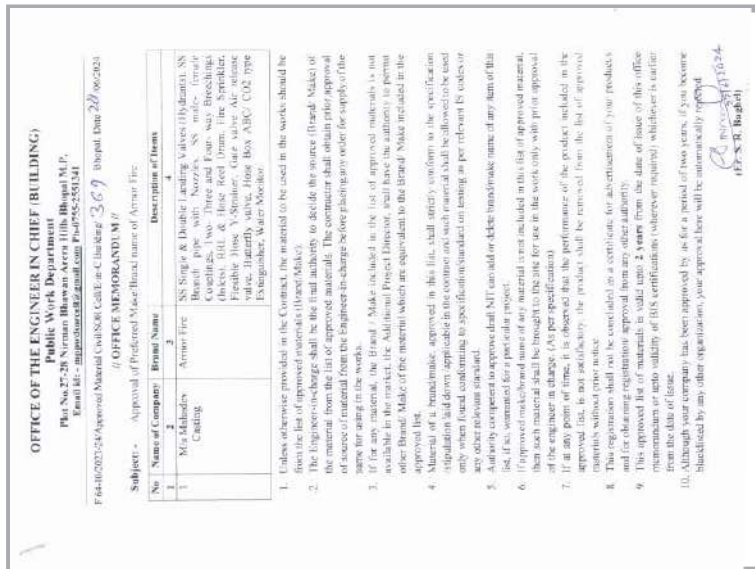
Branch Head (Rajkot Branch Office-I)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg, ,DELHI,110002

Contact No: +91 11 23230131, 23233375,
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List of Machinery & Testing Facilities



Most advanced Manufacturing & Quality Control Systems

List of Machinery Installed

Sr. No	DESCRIPTION	SIZE Centre x Bed Width x Length	Qty Nos.
1	CNC Machine - 200/300	Medium Duty	10 Nos.
2	CNC Machine - 300/500	Heavy Duty	5 Nos.
3	Lathe Machine	Heavy Duty	20 Nos.
	Lathe Machine	Medium Duty	6 Nos.
4	Pillar Drill Machine	25 mm (Drilling Capacity)	3 Nos.
5	Bench Grinder	300 mm	10 Nos.
6	Mitutoyo Caliper	300 mm	5 Nos.
7	Mitutoyo Insize	-	4 Nos.
8	Hand Grinder	8"	6 Nos.
9	HYD. Testing Pump	100 Kg Pressure	2 Nos.
10	Welding / Argon Machine	600 Amp.	3 Nos.
11	Hydraulic Trolley	1 TONE,	1 Set
12	Hand Operated Trolley	500 Kg	4 Set
13	Foundry	350 Kg & 100 Kg	2 Nos.
14	Plazma Cutter	Heavy	1 Set
15	Spectro Machine Hitachi	-	1 Set
16	Permeability Tester	-	1 Set
17	Sand Washer	-	1 Set
18	Sand Siever	-	1 Set
19	Muffle Furnace	-	1 Set
20	Core Hardness Tester	-	1 Set
21	Polishing Machine	Heavy Duty	12 Set
22	Sand Core Shooter	Heavy Duty	4 Set
23	Shot Blasting Machine	Heavy Duty	1 Set
24	Powder Coating Plant	-	1 Set
25	Pin Dot Marking	-	2 Set
26	Laser Marking	-	1 Set
27	Air Screw Compressor	-	3 Set

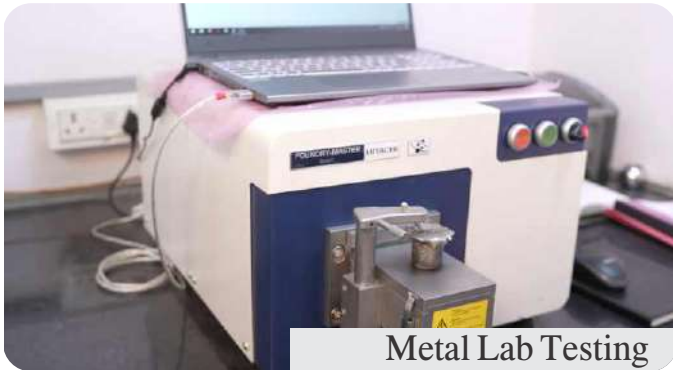
Company visit at a Glance



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Moulding Department



Metal Lab Testing



Foundry Department



Fettling Department



Semi-Finishing Department



Hydro Testing Department



Quality Control Room



Dispatch Area



Dot Marking



Finishing Department



Final Finishing Department



Powder Coating Department



Assembly & Dispatch Department



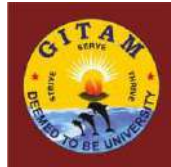
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R.R.L. Binding



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