



SINCE 2010



ARMORFIRE®

Shield of Quality



Approval By BMC



INDIA'S LARGEST INHOUSE MANUFACTURING COMPANY

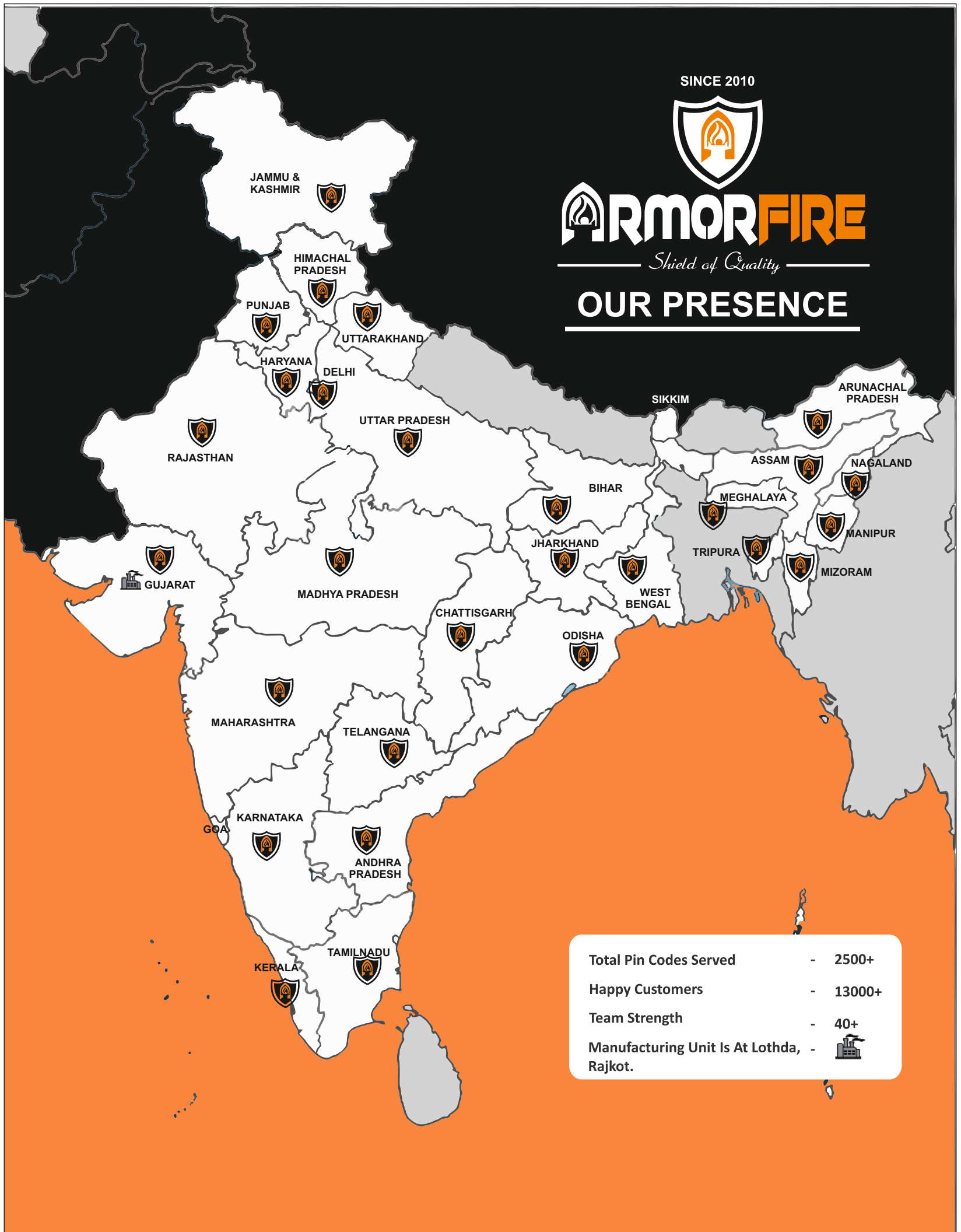
SINCE 2010



ARMORFIRE

Shield of Quality

OUR PRESENCE



Total Pin Codes Served	-	2500+
Happy Customers	-	13000+
Team Strength	-	40+
Manufacturing Unit Is At Lothda, Rajkot.	-	



Ankur Babariya

FOUNDER - CMD



Pritesh Babariya

MANAGING DIRECTOR

INTRODUCTION :-

As a world-class manufacturer and supplier of premium fire-fighting equipments, 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.

Armor Fire Core Ideology

: CORE PURPOSE :

" To Grow & Secure Lives With Shield of Quality "

This ideology reflects **Armor Fire's** unwavering commitment to protecting lives and assets through innovation and service, while fostering continuous growth-for our customers, employees, partners, vendors and society at large.

: CORE VALUES :



Morality & Responsibility :

Given By **Armor Fire**

We are guided by integrity, honesty, and fairness—doing what's right, even when no one is watching. We take full ownership of our commitments, ensuring safety, quality and reliability in every product and service we deliver.



Customer First, Customer is God :

At **Armor Fire**, we treat every customer with the same care and commitment as we put into every product we build. To us the customer is not just important – the customer is everything.

Our promise is built on :

- Premium Quality
- Timely Delivery
- Customer respect

Just like our name, **Armor Fire**, we stand Strong – Protecting what matters, and serving our customers with dedication and honor.



Never-Ending Growth with "Armor Fire" :

We believe in evolving every day—personally, professionally, and technologically. We invest in our team's learning and leadership to unlock their full potential. Our ambition is to expand our impact-locally and globally-without ever compromising our core values.



R&D and Hard Work :

Here at **Armor Fire**,

We lead with research and development to stay at the forefront of fire safety technology.

We believe in consistent, disciplined hard work—no shortcuts. We undertake challenges with data, creativity, and relentless determination.



Transparency with Armor Fire :

We uphold honesty and clarity in all internal and external communications. We share information openly to build trust with customers, partners, employees and vendors. Our operations are built on truth, not maneuver—what you see is what you get with **Armor Fire**.

BIG HAIRY AUDACIOUS GOAL (BHAG)

"To Become a World Pioneer Brand with **INR 5,000 Crore** Market Capitalization by **31st March 2045**"

- **At Armor Fire**, we don't just aim high—we aim beyond. Our BHAG is a bold declaration of our long-term ambition:

- To establish **Armor Fire** as a globally recognized pioneer in fire safety innovation and service excellence.

Vivid Description

The Future of Armor Fire: Vision 2045

By the year 2045, Armor Fire will rise as the world's most trusted all-in-one fire fighting solutions provider a name that reflects innovation, reliability and global leadership in fire safety.

A Headquarters That Embodies Our Vision

- Our **100-acre** state-of-the-art campus will be a beacon of excellence, featuring :
 - Advanced manufacturing units
 - World-class training academies
 - Cutting-edge R&D laboratories
 - Green energy infrastructure
- This campus will reflect our unwavering commitment to sustainability, safety, and scalable growth.

Global Presence, Local Strength

- Regional headquarters and warehouses in Dubai and key African nations will serve as strategic hubs for international operations.
- In India, four zonal mega-warehouses (North, South, East, West) will ensure rapid delivery and seamless service.
- Our products will be exported to over 60 countries, establishing **Armor Fire** as a globally respected brand.

Comprehensive Product Ecosystem

- We will offer the full spectrum of **Grooved, Plain, Rubber, & Gasketed Fitting Fire Fighting Systems**, including:
 - Basic extinguishers
 - AI-powered suppression systems
 - Smart alarms
- Industrial-scale fire protection solutions
- Our R&D division will lead the charge in developing next-generation fire safety technologies, setting new industry benchmarks.

A Thriving Workforce of 2,000+

- Our team will include 2,000+ passionate professionals—engineers, innovators, safety experts, and visionary leaders and Advisors.
- We will recruit top talent from India's premier institutions like the IIMs and IITs. as well as leading institutions worldwide.
- Our in-house leadership development programs will nurture future-ready professionals.
- Employee achievements will be celebrated with international trips and recognition programs.

Market Leadership & Recognition

- Armor Fire will proudly be listed on the Main Board of the Stock Market (IPO), marking a major milestone in our journey in the world.
- Our success story will be featured in global media, showcasing our innovation and impact.
- We will build a robust network of 500+ distributors across India and Abroad, ensuring unmatched reach and service.
- Certified Excellence With
 - ISO
 - BIS
 - CE
- We will Grow up with
 - UL
 - LPCB
 - FM,etc

Social Responsibility

- We will establish and run our own NGO, dedicated to fire safety awareness, disaster relief, and community development.
- Our commitment to social impact will be as strong as our commitment to innovation.



Our Product Family



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HYDRANT
VALVE TYPE - A



02

HYDRANT
VALVE TYPE - B



03

HYDRANT VALVE
THREADED TYPE



04

HYDRANT VALVE
PRESSURE REDUCING



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RRL HOSE
TYPE A & B



06

BRANCH PIPE
WITH NOZZLE

FIRE
HOSE
COUPLING



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SINGLE DOOR
FIRE HOSE BOX



08

DOUBLE DOOR
FIRE HOSE BOX



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ISI HOSE
REEL DRUM



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REGULAR
HOSE REEL DRUM



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MALESIYAN HOSE
REEL DRUM



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BS-EN-671-HOSE-
REEL-DRUM



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ISI-HOSE-REEL-
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EXTINGUISHER



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EXTINGUISHER



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Our Product Family



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UNBRAIDED FLEXIBLE DROP**

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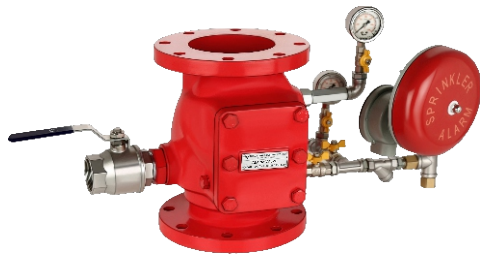
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ISI PRODUCT



S.S. HYDRANT VALVE TYPE-A TECHNICAL SPECIFICATION

Size of Landing Valve	: 63 mm
Inlet	: 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 kg/cm ² for 2 1/2 minute.
Water Tightness (Seat Text)	: Tested at 14 kg/cm ²
Flow Test	: (Type-A) 900 LPM discharge at 7 kg/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



S.S. HYDRANT VALVE TYPE - B TECHNICAL SPECIFICATION

Size of Landing Valve	: 63 mm
Inlet	: 4" NB Flanged For Double Outlet.
Outlet	: Female Instantaneous
Material	: Stainless Steel/Gun Metal

PERFORMANCE TEST

Hydrostatic Test (Body Test)	: Tested at 23 kg/cm ² for 2 1/2 minute.
Water Tightness (Seat Text)	: Tested at 14 kg/cm ²
Flow Test	: (Type-A) 1800 LPM discharge at 7 kg/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.

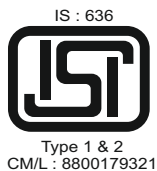
Weight 17.1kg Approx

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

ISI PRODUCT



TYPE-1

ARMOR FIRE RRL HOSE

- Hose** : Armor Fire RRL Hose(Reinforced Rubber Lined Hose) Conforming to IS : 636/2018 TYPE-1, 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 : 443-2023



TYPE-3

- Rubber Lining** : A rubber inner lining with suitable rubber compound which gives flexibility, durability & Better resistance 636/2018 TYPE-3, 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 : 443-2023

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	: 6 mm, 12 mm, 16 mm, 20 mm, 25 mm
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



Single Door Fire Hose Box

Capacity:	Suitable for Storing one nos 7.5 mtr or 15 mtr/30mtr 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/30 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

BS-EN-671-HOSE-REEL-DRUM



Regular Type Hose Reel Drum

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.,



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.

PERFORMANCE TEST :

Range	: 6 Mtr. (Min)
Flow	: Maximum Working Pressure : 12 Bar

FINISH :

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

Malaysian Type Hose Reel Drum ISI Hose Reel Drum



ISI-HOSE-REEL-DRUM-TYPE-A

ISI-HOSE-REEL-DRUM-TYPE-B

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	: 1" BSP Threaded connection.
Outlet	: Hose fitted with Stainless Steel & Brass shut-off nozzle. (Jet/Spray type optional)

WARRANTY :

12 Months from the date of supply.

PERFORMANCE TEST :

Flow	: Maximum Working Pressure : 12 Bar
Range	: 6 Mtr. (Min.)
Documentation	: Test Certificate

FINISH :

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



Malaysian Type Hose Reel Drum



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 Effective Discharge (%)	95	95
Minimum Throw (in metres)	More Than 2	More Than 1
Minimum Discharge Time (in seconds)	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 / Wheel Type	Squeeze Grip I/Wheel Type
Fire Rating	55B	21B



ABC POWDER PORTABLE FIRE EXTINGUISHERS



**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



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

Wafer Type Butterfly Valve



Component

Body	Cast/Ductile Iron, SS 304
Disc	SGI/SS 304
Shaft	SS 410
Seat	Nitrilite/EPDM
Sizes	2", 2.1/2", 3", 4", 5", 6", 8", 12"
Pressure Nominal	PN 10, PN 1.6, PN 2.5



- End connection – Wafer end suitable for Flange ANSI B 16.5 Class 150#
- Operation – Lever Operated
Gear Operated

Non Return Valve (NRV)



Component

Body	Cast Iron, SS 210
Disc	Cf8
Shaft	SS 304
Seat	EPDM RUBBER LINING
Sizes	80mm, 100mm, 150mm
Pressure Nominal	PN 20, PN 60

DUAL PLATE (NRV)



Component

Body	Cast Iron, SS 210
Disc	Cf8
Shaft	SS 304
Seat	EPDM RUBBER LINING
Sizes	50mm, 65mm, 80mm, 100mm, 150mm, 200mm
Pressure Nominal	PN 20, PN 60

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

AUTOMATIC SPRINKLERS

STANDARD SPRAY SPRINKLER



EX27834

UPRIGHT



PENDENT



HORIZONTAL SIDEWALL



Physical Characteristics

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

CONCEALED SPRINKLER



ESFR SPRINKLER



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



Air Release Valve



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

Sprinklers Accessories

**TEST & DRAIN
VALVE**



**ALARM
GONG BELL**



**WATER CURTAIN
NOZZLE**



SPRINKLER ROSETTE PLATE



**HIGH VELOCITY
SPRAY NOZZLE**

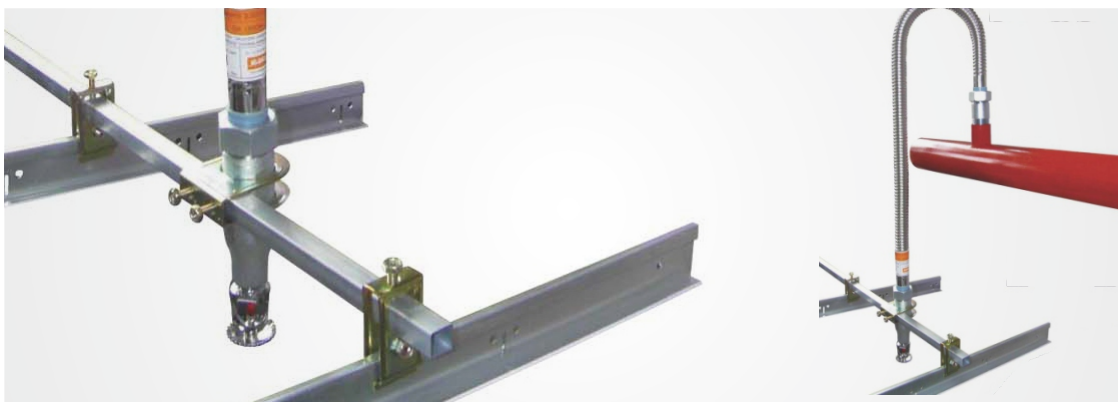
Braided Flexible Sprinkler Hose



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

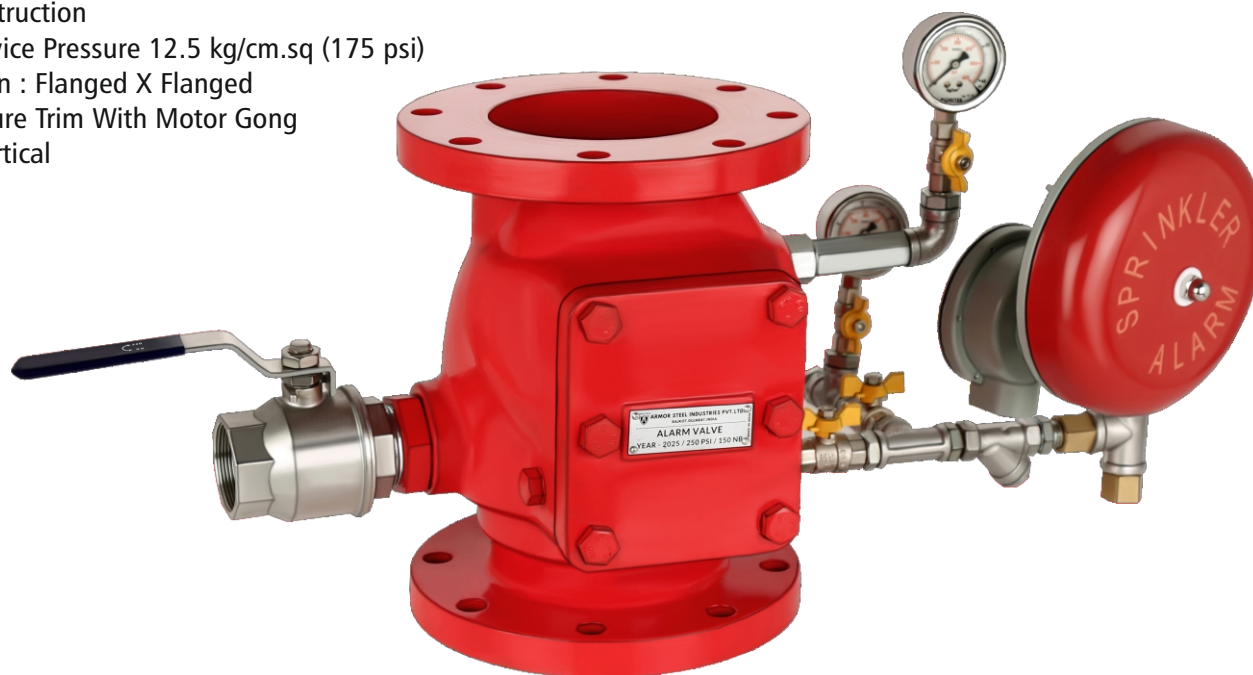


UNBRAIDED FLEXIBLE HOSE

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

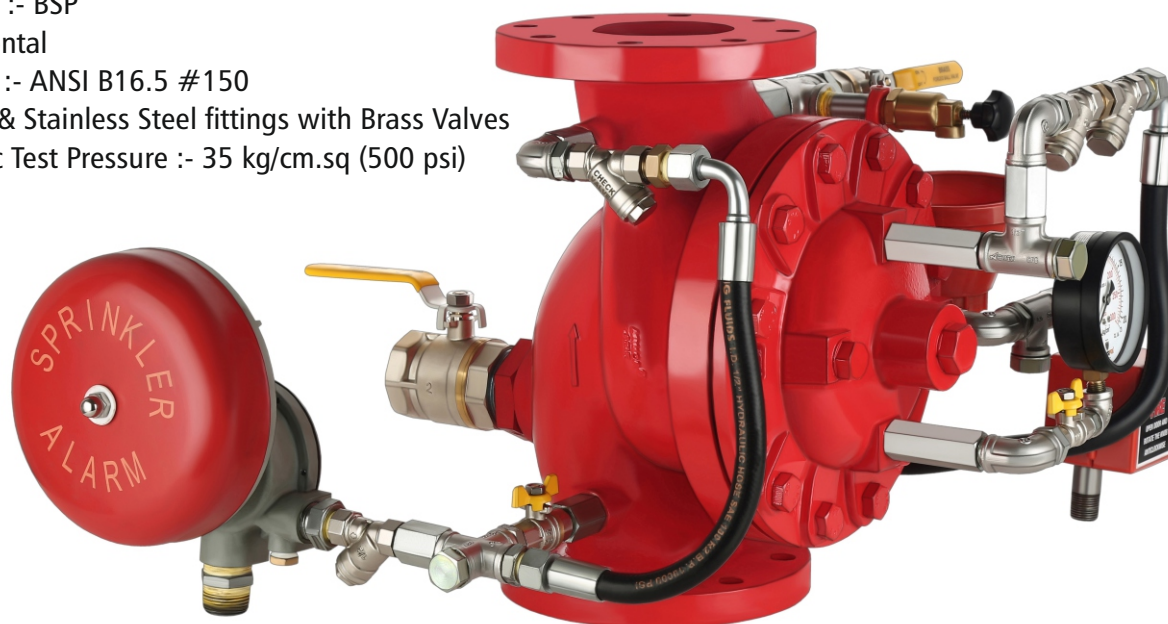
ALARM CHECK VALVE

- Nominal Size :- 80, 100, 150 NB
- Cast Iron Construction
- Maximum Service Pressure 12.5 kg/cm.sq (175 psi)
- End Connection : Flanged X Flanged
- Variable Pressure Trim With Motor Gong
- Mounitng : Vertical



DELUGE VALVE

- Nominal Size :- 80, 100, 150NB
- Maximum Service Pressure :- 17.6 kg/cm.sq
- End Connection :- Flange X Flange
- Thread Connection :- BSP
- Mounting :- Horizontal
- Flange Connection :- ANSI B16.5 #150
- Trim :- Galvanized & Stainless Steel fittings with Brass Valves
- Factory Hydrostatic Test Pressure :- 35 kg/cm.sq (500 psi)
- Finish :- Fire Red



WATER MONITOR IS:8442

WATER MONITOR IS:8442

TECHNICAL SPECIFICATION

- SIZE OF MONITOR : 63mm
- SIZE OF INLET FLANGE : 80mm
- OUTER DIA. : 200 mm
- BOLT CIRCLE DIA. : 160 mm
- BOLT HOLE DIA. : 19mm
- NO. OF HOLES : 04
- MATERIAL OF HANDLE : MILD STEEL
- MATERIAL OF BRANCH PIPE : ALUMINIUM/ STAINLESS STEEL
- MATERIAL OF NUT : GUN METAL / STAINLESS STEEL
- MATERIAL OF BEARING : STAINLESS STEEL
- MATERIAL OF AIRPOK : GUN METAL / STAINLESS STEEL
- MATERIAL OF NOZZLE : STAINLESS STEEL
- CONFIRMING SPECIFICATION : IS: 8442



PERFORMANCE TEST

- Operative Test : Tested at 7 kg/cm² at an angle of 30
- Discharge Capacity : 1750 l/min
- Horizontal Throw : 53m
- Documentation : Test Certificate

WARRANTY

- 12 Months from the date of supply.

AQUA FOAM 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

Aqua Foam Nozzle with Teeth



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

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



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 Inlet 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.



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 Handle 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 Stream (in Clockwise)
Pistol Grip Handle :	Rubber Moulded	Discharge Range :	35 mtrs
Bumper :	Rubber	Flow Rate (Constant Flow) :	150 to 600 LPM @ 7 Bar Calibrated Flow Rate As Per Requirement
Inlet :	63mm Male Instantaneous	Flow Rate (Select O Flow) :	200-250-350-475-600 LPM @ 7Bar Variable Flow Selection
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 Instantaneous To IS: 903
Hydrostatic	
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 Instantaneous To IS: 903
Hydrostatic	
Work Pressure :	10.5 Kg/cm....
Test Pressure :	Tested At 22.5 Kgf/cm...

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



GOVERNMENT SECTOR APPROVAL

Sr. No	APPROVAL BODY	CITY	STATE
1	PWD BHUBANESWAR	BHUBANESWAR	ODISHA
2	CPWD BHUBANESWAR	BHUBANESWAR	ODISHA
3	CPWD GUWAHATI	GUWAHATI	ASSAM
4	CPWD MUMBAI	MUMBAI	MAHARASHTRA
5	CPWD LUCKNOW	LUCKNOW	UTTAR PRADESH
6	CPWD HYDERABAD	HYDERABAD	TELANGANA
7	CPWD CHANDIGARH	CHANDIGARH	CPWD CHANDIGARH
8	CPWD DEHRADUN	DEHRADUN	UTTARAKHAND
9	CPWD MADHYA PRADESH	BHOPAL	MADHYA PRADESH
10	CPWD GUJARAT	GANDHINAGAR	GUJARAT
11	CPWD TAMIL NADU	CHENNAI	TAMIL NADU
12	MADHYA PRADESH PWD	BHOPAL	MADHYA PRADESH
13	KERALA PWD	TRIVANDRUM	KERALA
14	UTTAR PRADESH PWD	LUCKNOW	UTTAR PRADESH
15	BRIHANMUMBAI MUNICIPAL CORPORATION	MUMBAI	MAHARASHTRA
16	MAHARASHTRA HOUSING AND AREA DEVELOPMENT AUTHORITY (MHADA)	MUMBAI	MAHARASHTRA
17	KITCO LIMITED (FORMERLY KERALA INDUSTRIAL & TECHNICAL CONSULTANCY ORGANIZATION) LTD	KOCHI	KERALA
18	UTTAR PRADESH RAJKIYA NIRMAN NIGAM LIMITED (UPRNNL)	LUCKNOW	UTTAR PRADESH
19	CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED (CIDCO)	MUMBAI	MAHARASHTRA
20	ROADS AND BUILDING DEPARTMENT (GOVT. OF ANDHRA PRADESH)	VIJAYAWADA	ANDHRA PRADESH
21	INDIAN RAILWAYS EPS	MUMBAI	MAHARASHTRA
22	BULLET HIGHSPEED TRAIN (MUMBAI TO AHMEDABAD) GUJCOST	GUJARAT/MAHARASHTRA	GUJARAT/MAHARASHTRA



Bureau Veritas Certification

ARMOR STEEL INDUSTRIES PRIVATE LIMITED



PLOT NO. 43/44/45, JK DIAMOND IND. AREA, B/H MADUVAN RESTAURANT,
VILLAGE LOTHDA, RAJKOT-KOTDASANGANI STATE HIGHWAY (GUJ),
GUJARAT – 360 022, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System
of the above organisation has been audited and found to be in accordance with the
requirements of the Management System Standard detailed below.

Standard

ISO 9001:2015

Scope of certification

**MANUFACTURING AND DISPATCH OF HYDRANT VALVES, NOZZLES &
COUPLING FOR FIRE FIGHTING SYSTEMS**

Original cycle start date: **26 September 2023**

Expiry date of previous cycle: **Not Applicable**

Certification Audit date: **28 August 2023**

Certification cycle start date: **26 September 2023**

Subject to the continued satisfactory operation of the organisation's Management System,
this certificate is valid until: **25 September 2026**

Certificate No. **IND.23.5277/QM/U** Version: **2** Issue date: **18 September 2024**

Jagdeesh N. Manian

Signed on behalf of BVCH SAS UK Branch
Jagdeesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

For certificate authenticity, click here
<https://certcheck.ukas.com/>

ISO 9001 IN048162



0008

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements
may be obtained by consulting the organisation.
To check this certificate validity please call + 91 22 6274 2000.





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:

ARMOR STEEL INDUSTRIES PRIVATE LIMITED

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. **ARMOR STEEL INDUSTRIES PRIVATE LIMITED** 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.

Feitelijke Beoordelingen - Wereldwijde Beoordelingen

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)

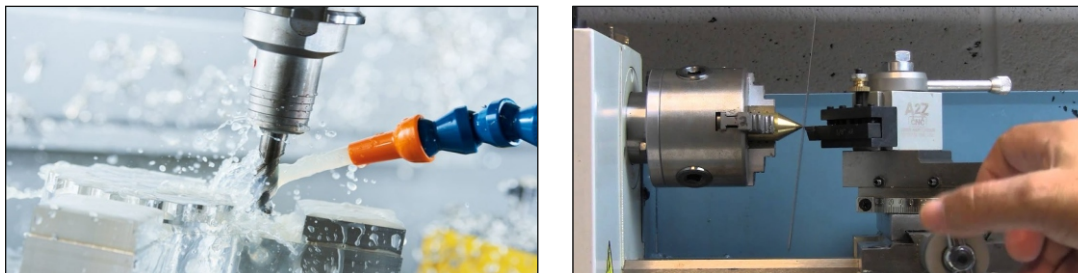


236443



PAC-GEAC-1506-299

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	15 Nos.
2	CNC Machine - 300/500	Heavy Duty	10 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 TON,	1 Set
12	Hand Operated Trolley	500 Kg	4 Sets
13	Foundry	350 Kg & 100 Kg	2 Nos.
14	Plasma 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 Sets
23	Shot Blasting Machine	Heavy Duty	1 Set
24	Powder Coating Plant	-	1 Set
25	Pin Dot Marking	-	2 Sets
26	Laser Marking	-	1 Set
27	Air Screw Compressor	-	3 Sets

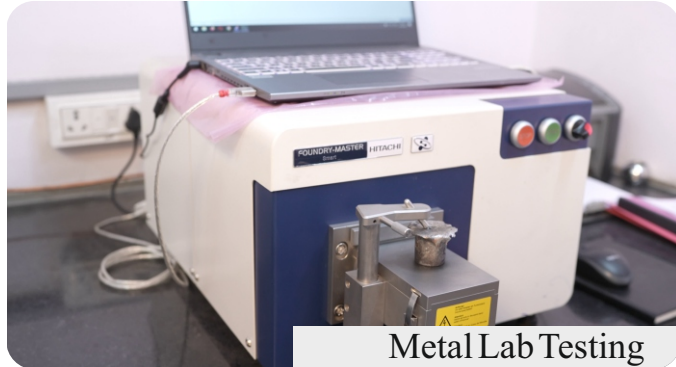
Company visit at a Glance



Core Department



Moulding Department



Metal Lab Testing



Foundry Department



Fettling Department



Semi-Finishing Department



Hydro Testing Department



Quality Control Room



Flexible Pipe Testing



Dot Marking



Finishing Department



Final Finishing Department



Powder Coating Department



Assembly & Dispatch Department



Dispatch Department



R.R.L. Binding

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



Major Clientele



GOVERNMENT SECTOR APPROVAL & SUPPLY



www.armorfire.in



SINCE 2010



ARMORFIRE®
Shield of Quality



GeM
Government
e Marketplace



ARMOR STEEL INDUSTRIES PRIVATE LIMITED

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