SINCE 2010



INDUSTRIES PRIVATE LIMITED

Shield of Quality











GeM















INDIA'S LARGEST INHOUSE MANUFACTURING COMPANY

Product Family



We don't take chance...





Introduction

Mahadev Casting With The Premium Brand **ARMOR FIRE** Is Not Only A Leading World Class Manufacturer But Also Supplies Its Fire Fighting Equipments To Domestic As Well As Overseas Markets, As We Are Having Highly Facilitated In-house Manufacturing Unit Of Casting, Machining, Assembly And Testing Processes, We Are Trying To Grab Every Opportunity In Our Field To Reduce The Fire Risk To Minimum In Living Spaces And Industrial Areas. All The Goods And Services We Offer To Our Clients Are Certified By Internationally Recognized Certification Bodies. We Are Committed To Deliver High Quality Goods And Services Which Fully Meets Our Customer's Needs For Quality Assurance Together With Iso 9001:2015 Requirements And We Constantly Seek Ways To Improve Our Quality Continuously And Ensure Its Continuation, As We Have Technically Expert Employees Determine To Benchmark Quality Standard, We Are Confident That You Will Find Our Presentation Of Interest And Assure You Of Our Competence And Desire To Realize Your Contract In A Way Totally Satisfactory To You.

Vision

VisionTo 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 satisfacton.

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.

Materials:

Stainless Steel

(High and Low temp, service) CF8,CF8M,CF3,CF3M,CF8C

Quality assurance is ensured by a written assurance program that include the following testing and inspection procedure: Stainless Steel Material Such as CF8, CF8M





ISI PRODUCT

01







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

Conforming Specification : Is.5290.

PERFORMANCE TEST

Hydrostatic test (Body Test) : Tested at 23 kgf/cm² for 2 ½ minute.

Water Tightness (Seat Text) : Tested at 14 kgf/cm²

Flow Test : (TYPE-A) 900 LPM discharge at 7 kgf/cm²

Documentation : Test & Guarantee Certificate

HAND WHEEL WARRANTY

Grey Cast Iron. 12 Months from the date of supply.

Weight 8.5kg Approx



ISI PRODUCT

02





IS: 5290

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
Conforming Specification : Is.5290.

PERFORMANCE TEST

Hydrostatic test (Body Test) : Tested at 23 kgf/cm² for 2 ½ minute.

Water Tightness (Seat Text) : Tested at 14 kgf/cm 2

Flow Test : (TYPE-B) 1800 LPM discharge at 7 kgf/cm²

Documentation : Test & Guarantee Certificate

HAND WHEEL WARRANTY

Grey Cast Iron. 12 Months from the date of supply.

(Weight) 17.1kg Approx



ISI PRODUCT







S.S. MALE-FEMALE COUPLING

TECHNICAL SPECIFICATION

Size : 63mm

Material : Stainless Steel

Conforming Specification : IS.903

PERFORMANCE TEST

Hydraulic test (Body Test) : Tested at 21 kgf/cm²

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

Conforming Specification : IS.903

PERFORMANCE TEST

Hydraulic test (Body Test) : Tested at 21 kgf/cm²

for 2 ½ minute.

Working Pressure : 7 kgf/cm²

Documentation : Test & Guarantee Certificate

WARRANTY

12 Months from the date of supply.

Weight

2.2kg Approx





ARMOR FIRE RRL HOSE

Hose : Armore Fire RRL Hose(Reinforced

Rubber Lined Hose) Conforming to IS: 636/1988Type-A, ISI Marked

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.

Rubber Lining : A rubber inner lining with suitable rubber

compound which gives flexibility, durability

& better resistance.

Standard Length : 15 Mtrs & 30 Mtrs.

Documentation : Test & Guarantee Certificate

End Connection : Male Female Coupling Stainless Steel

Features : Compact Flexible & Light Weight,

And Easy To Maintain,

Ability To Withstand High Operating, & Back Pressure, High Abrasion Resistance,

Excellent Heat Resistance Fabric,

Strong And Durable

Size/Weight 15Mtrs. ISI 7.400kg.

Size/Weight 15Mtrs. ISI 6.600kg.

Size/Weight 30Mtrs. ISI 12kg.
Size/Weight 30Mtrs. ISI 11.200kg.



Regular Type Hose Reel Drum

06





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)

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

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

WARRANTY:

12 Months from the date of supply.

Size/Weight 20mm 14kg Approx



Malaysian Type Hose Reel Drum

07





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)

MATERIAL OF CONSTRUCTION:

Hub : Mild Steel IS : 513
Side Rim : Mild Steel IS : 513
Swivel Joint : Aluminium

Hose Reel Tubing : Thermoplastic IS: 12585

DIMENSIONS:

Distance

Plate Thickness : 18 and 20 Gauge Diameter : 540 mm

PERFORMANCE TEST:

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

PERFORMANCE TEST:

Flow : Min. 24 L.P.M @ 7 Bar

: 150 mm

Range : 6 Mtr. (Min.)
Documentation : Test Certificate

FINISH:

Plates perfectly shaped

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

WARRANTY:

12 Months from the date of supply.

Size/Weight 20mm 16.3kg Approx



TWO WAY INLET

08





Two way Inlet

(1) Non return valve: Stainless steel

(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 9.8kg Approx



THREE WAY INLET





Three Way Inlet

(1) Non return valve: Stainless steel

(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

10





(1) Non return valve: Stainless steel

(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



WATER MONITER IS:8442



WATER MONITER IS:8442

TECHNICAL SPECIFICATION

SIZE OF MONITER : 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 GRADE 4450

MATERIAL OF NUT : GUN METAL IS:778
MATERIAL OF BEARING : GUN METAL IS:778
MATERIAL OF AIRPOK : GUN METAL IS:778
MATERIAL OF NOZZLE : GUN METAL IS:778

CONFIRMING SPECIFICATION: IS: 8442

PERFORMANCE TEST

• Operative Test : Tested at 0.7 N/mm² at an angle of 30°

Discharge Capacity : 1750 I/min

Horizontal Throw : 53m

Working Pressure : 0.7 N/mm²
 Documentation : Test Certificate

WARRANTY

• 12 Months from the date of supply.







Carbon Dioxide Portable Fire Extinguishers

Applicable on fires involving







TECHNICAL SPECIFICATIONS

TECHNICALE OF ECHNICATION						
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				





TECHNICAL SPECIFICATIONS

TECHNICAL OF ECH TOATIONS						
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











AUTOMATIC SPRINKLERS STANDARD SPRAY SPRINKLER



UPRIGHT

Physical Characteristics

Frame Bronze
Button Brass/Copper
Bulb Glass
Compression
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	Natural Brass, Chrome plated
FINISH	Pure White, Signal White
BULB	3mm,5mm



PENDENT

Physical Characteristics

Frame Bronze
Button Brass/Copper
Bulb Glass
Compression
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	Natural Brass, Chrome plated
FINISH	Pure White, Signal White
BULB	3mm.5mm



HORIZONTAL SIDEWALL

Physical Characteristics

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

Maximum Working Pressure 175 psi (12,1 bar)

K EACTOR	L F C (00 C) L 0 0 (11F 3)
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	Natural Brass, Chrome plated
FINISH	Pure White, Signal White
BULB	3mm,5mm







C.I. Non Return Valve



S.S. Non Return Valve



Medium Velocity Spray Nozzle



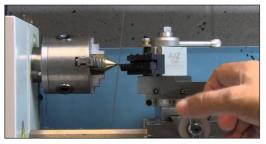
Felxible Hoses (Braided & Unbraided)



Water Curtain Nozzle

List of Machinery & Testing Facilities



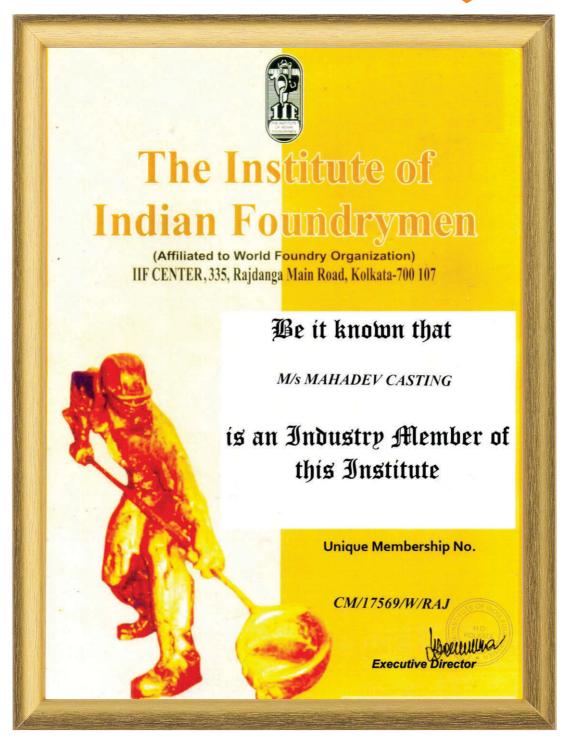


Most advanced Manufacturing & Quality Control Systems

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









Bureau Veritas Certification

MAHADEV CASTING



PLOT NO. 43/44/45, JK DIAMOND IND. AREA, B/H MADUVAN RESORANT, 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: Certification cycle start date: 28 August 2023 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: 1

Issue date: 26 September 2023

Signed on behalf of BVCH SAS UK Branch

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

ISO 9001 IN044702

Jagdheesh N. MANIAN Director – CERTIFICATION, South Asia Commodities, Industry & Facilities Division

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

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.







Compliance 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.

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.noyalstancert.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







For any other communication

> 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

0281-2563981, 2563982, 2563984, 2563978

Fax:

Phone:

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 Restauran , rajkot : 360002	Specification for landing valves	IS 5290 : 1993

Endorsement No. 3 Dated 15-Nov-2022

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

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 15-DEC-2022 has been extended from Sixteenth December Two Thousand Twenty Two to Fifteenth December Two Thousand Twenty Three

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, **Fax:** +91 11 23234062, 232

23239402

Email: info@bis.gov.in





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

0281-2563981, 2563982, Phone: 2563984, 2563978

Fax: 0

E-Mail: rjbo@bis.gov.in

www.bis.org.in, Web: www.manakonline.in

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 Restauran , rajkot : 360002	Specification for Fire Hose Delivery Couplings, Branch Pipe, Nozzles And Nozzle Spanner - Specificaion	IS 903 : 1993

Endorsement No. 3 Dated 15-Nov-2022

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

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 15-DEC-2022 has been extended from Sixteenth December Two Thousand Twenty Two to Fifteenth December Two Thousand Twenty Three

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, **Fax:** +91 11 23234062, 232

23239402

Email: info@bis.gov.in







Company visit at a Glance



































Few of Our Illustrious Projects









































Shield of Quality























ARMORFIRE INDUSTRIES PRIVATE LIMITED



Mfg.: All Types of Fire Fighting Equipment's

Plot No. 43/44/45, JK Diamond Ind. Area, B/h. Madhuvan Restaurant, Village Lothda, Rajkot-Kotdasangani State Highway-360022. (Guj.) e-mail: ho@armorfire.co.in / mahadevcasting@gmail.com

Mo.: +91 99245 77421 / +91 99045 72167 Sales Manager Contact: +91 9978007672

www.armorfire.in