























Self Beliant



SAFE PRO®

FIRE SERVICES PYT. LTD.



Aleem Khan CHAIRMAN



MISSION STATEMENT

We at Safe Pro Fire Services Pvt. Ltd. as the name suggests are the safety professionals committed to raise the bar of excellence in the area of service, products & quality. We believe in continuously delivering the exact solution to meet client requirements in terms of price, quality, performance and complexity. It is our holistic endeavor to uphold the highest ethical standard, commitment & integrity, in servicing our customers world wide. We are committed to Corporate Environmental Responsibility (CER), also known as "Green CSR", by reducing the carbon footprints that have a negative impact on the environment, and work towards a green ecology, by shaping a better & safe future, professionally, technologically and ecologically.



INTRODUCTION

Established in 2000, SAFE PRO FIRE SERVICES PVT. LTD. an ISO 9001:2015 Company has grown to become one of the trusted & most innovative manufacturer of portable, trolley/trailer mounted fire extinguishers & gas cartridge, for commercial & industrial application. SAFE PRO brand is renowned for the quality of its product & reliability of services. SAFE PRO has earned a reputation for excellence in the fire protection industry. Our policy of continual investment in the state-of-art technology & innovative products development, allows us to offer our unique brand of high quality product at great value.

Our company has acquired all the necessary infrastructure, licences & established full fledged manufacturing plant in Bhiwandi with the capacity of producing more than 10000 units of fire extinguisher per day. In product development we seek to be at the forefront of best practice, always anticipating changes within our industry.

To ensure that our dealers and customers get the highest quality fire protection equipments, all our products undergo rigorous in house testing at all stages of production. On demand, third party testing is also available.

SAFE PRO brand is managed by a highly qualified management team with excellent engineering skills. Our quality control & project team are well equipped with a modern laboratory. Our reputation and brand value is very important to us & is supported by many years of proven performance in serving our esteemed customers. We continue the strive to achieve excellent quality in fire protection solution that are so special & valuable for our customers satisfaction.

Our state of the art manufacturing facility makes us the most preferred company in the country for contract manufacturing

SAFE PRO

♦ VISION ♦

SAFE PRO FIRE SERVICES PVT. LTD. aspires to be recognized as a forefront global leader and synonymous for saving lives and protecting properties in the fire and safety sector.

♦ MISSION **♦**

SAFE PRO FIRE SERVICES PVT. LTD. is committed to raise the bar of excellence in the area of product, services and quality. We believe in endeavouring our commitment by upholding the highest ethical standard, commitment & integrity.

◆ VALUES ◆

- Safety for Anything and Everything.
- Flexibility.
- Consistency.
- Reliability.
- Integrity and Ethics
- Customer Focus
- Zero Complaints

♦ AREA OF APPLICATION ♦

- Pharmaceuticals Sector
- Government Sector
- Industrial Sector
- Banks
- Commercial Malls
- Oil & Gas Refineries
- Aviation

- Defence
- Residential Apartments
- Transportation
- Warehouses
- High-Rise Buildings
- Power Sector
- Ports

& Many Others

ESTEEMED CLIENT LIST

























































































































































भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

Ministry of Consumer Affairs, Food & Public D Government of India

Our Ref :MUBO-II/CM/L 7800091517

Dated: 13 Dec 2021

ect: Grant of BIS Certification Marks Licence No 7800091517 as per IS 14543:2016.

MA. SAFEPRO FIRE SERVICES PYTLTD.
G-Type Building (Ground plus One).
Gala nos. Gl., 62, G3, G4, G7, G8, G9, G10, G11 and G12,
Plot bearing CTS' survey no. 19, 20, 21, 22, 23,
81/2, 81/8, 82/3, 83/1, 103 and 107,
Village Pogaon, Taluka Bhiwandi,
THANE, MAHARASHTRA,
421302

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Product: PACKAGED DRINKING WATER (OTHER THAN PACKAGED NATURAL MINERAL WATER).

IS NO : IS 14543 : 2016

Type/Size/Grade/Variety covered under licence :

i) PET jars of 20 litres capacity.

- The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.
- The number assigned to this licence is CM/L- 7800091517 which has been made operative from 07/12/2021 and is valid upto 06/12/2022. The licence number should invariably be referred to in your future correspondence.
- 4. According to sub-regulation (1) & (3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 10002- and the marking fee for use of standard mark as per Annauxrel of Scheme I of BIS (Conformity assessment) Regulation 2018 is payable by you with effect from 07/12/2021 for the period of validity of the licence in advance.
- 5. Minimum marking fee stipulated in Annexure -1 of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable by you regardless of the whether you actually mark your product or not with the Standard Mark. Our Receipt No. AA78PC2021000624 dated 097102021. for ablicance fee and the minimum marking fee for the first operative parties is stress; the standard Mark. Our Receipt No. AA78PC2021000624 dated 097102021. for ablicance fee and the minimum marking fee for the first operative parties is stress; the standard of the stress of the standard of the s





Mumbai Branch Office-II-Manakalaya, E9 MIDC, Andheri East,Mumbai,400093, Mumbai, MUMBAI CITY,MAHARASHTRA,400093

Phone: 022-28329295, 28327892 Fax: E-Mail: 02228264352 mubo2@bis.gov.in www.bis.org.in, www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7800092216

Name of the Licensee with the Factory Address Name of the Product CM/L-No SAFEPRO FIRE SERVICES
PVI_LID. -G -15pe Building
(Ground plus Dos), Gala
nos. Gl, 102, G3,G4, G7,G8,
G9, G10, G11 and G12, plot Specification for First-Aid HoseIS 884: 1985
bacning CTS / survey no.19, Reel For Fire Fighting
827,8371, 103 and 107
Village Pognon, Taluka
Bhiwandi: 421302 7800092216

Endorsement No. 1 Dated 11-Nov-2022

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

Now, consequent upon renewal, the validity of the licence given in schedule of has been extended from Thirty December Two Thousand Twenty Two to Twenty Ninth December Two Thousand Twenty Four

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

Contact No: +91 11 23230131, 23233375, 23239402

Fax: +91 11 23234062, 232 Email: info@bis.gov.in



Govt. of Maharashtra Directorate of Maharashtra Fire Service
Vidyanagri, Hans Bhugra Marg, Santacruz (East),
Mumbai – 400 098, Tel 022-2687755, 84-202-26877666
www.mahafireservice.gov.in

FORM N

[(See section 9 (3) and rule 14]

License to act as a License Agency for the purpose of

Fire Prevention and Life Safety Measure

License No. MFS / LA / /RF-108 / RD-99

Date: 21.02.2023

License is hereby renewed under the provisions of sub-section (3) of section 9 of the Maharashtra Fire Prevention and Life Safety Measure Act, 2006 (Mah. III of 2007) to Mys. Safepro Fire Services Ptv Ltd., having their registration office at 16-B, Kurla Industrial Estate, Ghatkopar (W), Mumbai 400 .086 and their contact details are Office Number: 93:0772444 and Email ID: safeprofire2014@pmail.com with TAN registration No. AAUCS8413N and GST No. 27AAUCS8413N12G to act as a License Agency for the purpose of the said Act for execution of the fire prevention and life safety measures in

Fire Fighting and Sprinkler System: Class D
Detection and Fire Suppression System: Class D

Mis. Safepro Fire Services Pvt Ltd., shall not issue Form A or Form B under sub-section (3) of section 3 regarding the compliance of the fire prevention and life safety measures or maintenance thereof in good repair and efficient condition, without there being actual such compliance or maintenance failing which license granted / renewed shall be suspended or cancelled as per sub section (4) of section 9 and shall be liable for penalty under section 36 of the Act.

Subject to the provision of sub section (4) of section 9 of the said Act and rule 14 of e Maharashtra Fire Prevention and Life Safety Measures Rules, 2009, the license will be lid for a period from 21.02.2023 to 20.02.2024

Hatyal Digitally signed by Hatyal Kiran Date: 2023.03.19 20.29:19 +05'30' Asst Director

WARISHALI
BADRUDDI
N KHAN

KHAN

WARISHALI
BADRUDDI
N KHAN

MARISHALI
MARISH

Digital Signature of Authorized Person to sign Form A or Form B

Note:
* in absence of digital sign of license holder (responsible to issue Form A or Form B) the license will be treated as invalid.

Issa1

Form C Government of Maharashtra Food And Drug Administration Food Safety and Standards Authority of India License under FSS Act, 2006



License Number: 11522018000013

1. Name & Registered Office address of

M/s. Safepro Fire Services Private Limited / Mr. Waris Ali Badruddin Khan & Mr. Zubair Badruddin Khan (Directors) Gala No. G-1 to G-4, G-7 to G-12, S. No. 19, 20, 21, 22, 33, 182, 215, 28, 28, 215, 103 & 107, Vall. Pogaon, Tal. Bhawandi, Dist. Thane, Bhiwandi Municipal Coproration (Thane Zone-5) , Maharashtra-421302

2. Address of Authorized Premises:

Gala No. G-1 to G-12, S. No. 19, 20, 21, 22, 23, 81/2, 81/8, 82/3, 83/1, 103 & 107, Vill. Pogaon, Tal. Bhawandl, Dist. Thane, Bhiwandi Tahashii (Except Blwandi Municipal Corporation & Kasheli, Kalher, Rehanal, Purna revenue villeges), Bhiwandi Municipal Corporation (Except Blwandi Municipal Corporation (Timane Zone-5), Maharashtra-421302

3. Kind of Business: 4. Dairy Business Details:

5. Category of License:

This license is granted under and is subject to the provisions of FSS Act, 2006 all of which must be compiled with by the

Bhiwandi Municipal Corporation (Thane Zone-5)

Designated Officer Issued On: 07-01-2022 (New License)

Valid Upto: 06-01-2027 (For details, refer Annexure)

1. Product Annexure

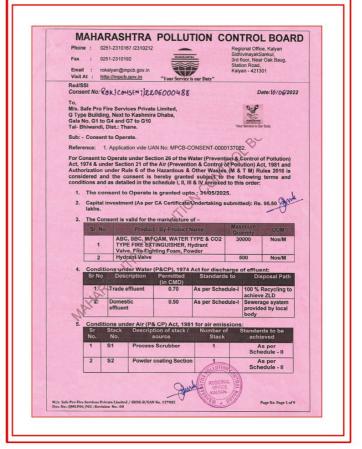
















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BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7800087821

Name of the Licensee with the Factory Address Name of the Product CM/L-No Indian Standard No. ASAFEPRO FIRE SERVICES
PVT.LIT. G. -Type Building
(Ground plus Dee, Glan nos.
G1, Q2, G3,G4, G7,G8, G9,
G10, G11 and G12 on plot
bearing CTS / , survey no 19,
20, 21, 22, 38, 178, 28, 15/,
823,831, 103 and 107,
Village Pogono, Taluka
-Bhiwandi : 421302

Endorsement No. 2 Dated 10-Jun-2022

Whereas, the licence was valid upto Twenty Sixth July Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 25-JUL-2022 has been extended from Twenty Sixth July Two Thousand Twenty Two to Twenty Fifth July Two Thousand Twenty Four

Other terms and conditions of licence remain same

Branch Head (Mumbai Branch Office-II)

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

For any other



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BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7800087720

Name of the Licensee with the Factory Address Name of the Product CM/L-No Indian Standard No. SAFEPRO FIRE SERVICES
PVT.LID. G-Type Building
(Ground plus Dee, Glain nos.
G1, G2, G3,G4, G7,G8, G9.
G10, G11 and G12 ne plot
bearing CTS / survey no.19
20, 21, 22, 23, E1, 28, 18/
82/3.831, 103 and 107,
Village Pogano. Tablaba
Bhiwandi: 421302

Endorsement No. 2 Dated 10-Jun-2022

Whereas, the licence was valid upto Twenty Sixth July Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 25-JUL-2022 has been extended from Twenty Sixth July Two Thousand Twenty Two to Twenty Fifth July Two Thousand Twenty Four

Other terms and conditions of licence remain same

Branch Head (Mumbai Branch Office-II)

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

Contact No: +91 11 23230131, 23233375, 232339402 Fax: +91 11 23234062, 232 Email: info@bis.gov.in

CERTIFICATE OF COMPLIANCE

Certificate Number	EX28777
Report Reference	EX28777 -20220428
Issue Date	2022-APRIL-28

Issued to: SAFE PRO FIRE SERVICES PRIVATE LIMITED.

16-B,Kurla Industrial, Estate,Narayan Nagar, ghatkopar (w)

Mumbai Maharashtra, 400086,

CLEAN AGENTS FOR FIRE EXTINGUISHERS AND EXTINGUISHING SYSTEM UNITS - COMPONENT SAFE PRO 1230 , FK-5-1-12

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: ANSI/UL 2166, Halocarbon Clean Agent Extinguishing System Units.

Additional Information:

See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product



Any information and documentation involving U. Mark sundons are provided on behalf of U. LLC (U.) or any authorized a center's a local U. Customer Service Representative of http://d.com/abouts/brailmank



भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

Address: Manakalaya, E9 MIDC, Andhen East Mumbai 400093

Phones: 022-28329295, 28327892

MUBO-I

022-28364820

ATTACHMENT TO LICENCE NO. CM/L- 7700134215

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
7700134215	Mrs SAFEPRO FIRE SERVICES PVT LTD 16/B & C, KURLA INDUSTRIAL ESTATE N S S ROAD. GHATKOPAR WEST 400 084 DIST. MUMBAI SUBURBAN MAHARASHTRA	WHEELED FIRE EXTINGUISHERS - PERFORMANCE AND CONSTRUCTION	IS 16018: 2012

Dated 10 08 2020 ENDORSEMENT NO. 03

hereas, the licence was valid upto Twenty-second July Two Thousand and Twenty-

Now, consequent upon renewal, the validity of the licence given in first schedule of the original licence/endorsement no. 02 has been extended from Twenty-third July Two Thousand and Twenty to Twenty-second July Two Thousand and Twentythree.

P. 4. 4 2 10 06 20 20 (PAWAN KUMAR KANDOI Sc. F & Head(MUBO-I)





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BUREAU OF INDIAN STANDARDS

Web:

Attachment to Licence No. CM/L- 7700150811

Name of the Licensee with the Factory Address Name of the Product Indian Standard No. CM/L-No SAFEPRO FIRE SERVICES
PYT LTD -SURVEY NO
BI/6 GALA NO 14 TO 18
BLDG NO KM-1,
RAILAXMI TEXTILE
PARK POGAON
BHIWANDI, THANE:
421302 7700150811 IS 15683: 2018

Endorsement No. 2 Dated 02-Sep-2022

Whereas, the licence was valid upto Twenty Third October Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 22-OCT-2022 has been extended from Twenty Third October Two Thousand Twenty Two to Twenty Second October Two Thousand Twenty Four

Other terms and conditions of licence remain same.

Branch Head (Mumbai Branch Office-II)

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

Contact No: +91 11 23230131, 23233375, 23239402

Fax: +91 11 23234062, 232 Email: info@bis.gov.in



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02228264352 www.bis.org.in,

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7800086819

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
7800086819	SAFEPRO FIRE SERVICES PVT.LTD G-Type Building (Ground Plus One), Gala nos. G1, G2, G3,G4, G7,G8, G9, G10, G11 and G12 on plot bearing CT3 f, survey no.19, 20, 21, 22, 23, 81/2, 81/5, 827,8371, IO3 willy and 107, Village Pozaon, Bhiwardi : 421302	Specification for Fire Hose Delivery Couplings, Branch Pipe, Nozzles And Nozzle Spanner - Specificaion	

Endorsement No. 1 Dated 05-May-2022

Whereas, the licence was valid upto Thirty June Two Thousand Twenty Two

Now, consequent upon renewal, the validity of the licence given in schedule of has been extended from Thirty June Two Thousand Twenty Two to Twenty Ninth June Two Thousand Twenty Four

ons of licence re

Branch Head (Mumbai Branch Office-II)

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

रूपीडा APDA कृषि और प्रसंस्कृत खाद्य उत्पाद निर्यात विकास प्राधिकरण बृश्च आर प्रसारशृत खांध जनाव ानमात आवशन्य आवश्यर AGRICULTURAL AND PROCESSED FOOD PRODUCTS EXPORT DEVELOPMENT AUTHORITY (वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार)

(Ministry of Commerce and Industry, Govt. of India) पंजीकरण-सह-सदस्यता प्रमाण-पत्र REGISTRATION-CUM-MEMBERSHIP CERTIFICATE

Ñ/ SAFE PRO FRE SERVICES PYT.LTD
MS. 16 J. RURCA NOUSTRIAL ESTATE, HARS ESVA SADAN ROAD,MARAYAN NAGAR, CHATKOPAR WEST,
MJMMASUBURRAM, JMAHARASHTRA, 400086.
MJMBAN
MAHARANINA

किया जात है कि यह गिर्चातक निम्नादिखेत निवरणों के साथ कृषि और प्रसंकृत वादा उत्पाद निर्मात किकस प्रांतिकरण में पंजीवृत हैं : entify but the firm is registered with the Agricultural And Processed Food Products Export Development Authority, as per the

ाद जिसकें लिए पंजीकृत है (उत्पादों का विवरण पीछे दिया गया है)/Product for which registered (Products details given overleaf)

රණ 9,042.2 ඉ. ක්.දී. මින් 7,18CODE: 0315009695 29 ක්.දී. මින් 7,18CODE: 0315009695 3) අපැපැති (PG) / රජ්‍යවස්ථාවාංග 8,2002014 12:00:00 AM 4 ලබ්වලත් (1987 1998) අවසුන්ගත්ත No. 220090 3) දැක්ලෙම Public අමතුන්ව (Pelifor) Manufacture Deporter Allenthant Exporter: Marchant 5) දැක්ලෙම Public අවසුන් ම අතු I Namedical Peliforis (Polystosci Peliforis (Polys

यह प्रमाण-पत्र एपीडा अधिनियम 1985 (1986 का अधिनियम संख्यांक 2) में निश्वीरेत ऋतों के अधीन जारी किया गया है। This cartificate is issued subject to the conditions laid down in APEDA ACT 1985 (No. 2 of 1986) of this Auti

प्रमाण-पत्र मान्यसा सिपि / This certificate is valid till : 16/05/2028



यह आर.सी.एम.सी इलेक्ट्रानिक रूप से जेनरेट किया गया है। This RCMC is electronically generated

शर्ते एवं निबंधने अगले पृष्ठ पर Terms & Conditions are mentioned on the next page.





Mumbai Branch Office-II-Manakalaya, E9 MIDC, Andheri East,Mumbai,400093, Mumbai, East,Mumbai,400093, Mumbai, MUMBAI CITY,MAHARASHTRA,400093 022-28329295, 28327892 02228264352

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BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7800086718

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
7800086718	SAFEPRO FIRE SERVICES PVT.LTDGala nos. G1, G2, G3,G4, G7,G8, G9, G10, G11 and G12 on plot bearing CTS / survey no.19, 20, 21, 22, 23, 81/2, 81/5, 82/3,83/1, 103 and 107 Village Pogaon , Bhiwandi : 421302	'Specification for landing valves	IS 5290 : 1993

Whereas, the licence was valid upto Thirty June Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of has been extended from Thirty June Two Thousand Twenty Two to Twenty Ninth June Two Thousand Twenty Four

Other terms and conditions of licence remain same.

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



PESO Approved Filling Certificates for 300 Bar System





E-mail : jtccemumbai@explosives.gov.in Phone/Fax No : 022 - 27575946,27573881

Please refer to the inspection of your works by an office of the office of the Jt. Chief Controller of Explosives West Circle, Mumbai on 25/03/2023.

following conditions:

1. The degassing of the contents shall be done at the place approved by this office. The cylinders shall be fully degassed till they show zero reading for the absence of the farmrable gas when tested with Explosives meter before subjecting the cylinders for tested shall be degassed at a time.

2. Not more than five cylinders shall be degassed at a time.

3. The degassing and testing of cylinders shall be carried out only during daylight hours.

4. The examination and testing of cylinders shall be carried out only under continuous supervision of qualified and experinaced peacenest.

5.The Cylinders, which are approved for filling in writing by CCE office ,shall only be undertaken for periodic examination/Testing.

5. If B Upwares, wiscs are approved on simple in strong y judgments, which are provisions of the relevant Initials standard code of practice for cylinders inclusive visual inspection shall else observed. PCNOS-ONE cylinders shall be subjected to Utrasonic flaw detection test as per Annex D to IS:15490.2004.
8. The cylinders passed in the periodical examination and testing shall be marked with the code mark of the testing station and other relevant intermitation as required under in less of the Gas cylinders thus, 2010. The due that for next sets or the standard other investing the complex of the code of the code

10. The requirements of Provisions of Rule 35 of the said rules shall be followed and records of test and examination of Cylinders shall be maintained for the service life of the Cylinders. The data record maintainanace system shall be fully

13. The other relevant provisions of the said rules are complied with.

The approval may be reviewed ammended or withdrawn at any time. If considered necessary in the intrest of safety or if any of the conditions mentioned above is violated or not complied with.



PESO Approved Testing Certificates Per 450 Bar



· ISI (INDIAN STANDARDS INSTITUTION MARK) -

ISI stands for Indian Standards Institute; it is the certificate scheme under Bureau of Indian Standards which ensures that a product withstands the BIS standards and safety. ISI Mark Certification allows you to use the ISI Mark on your product.



EN ISO 9001:2015

It is the international standard that defines the requirements for a Quality Management System (QMS).



EUROPEAN PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU

CE stands for CONFORMITE EUROPEENNE. The CE marking shows that the manufactures has checked, these products meet EU safety, health or environmental requirements.



UL (UNDERWRITERS LABORATORIES) -

They certify products with the aim to make the world a safer place for both workers and consumers. Besides testing, they set industry standards to follow when innovating new products. The UL certificate is universally accepted for quality.



MAHARASHTRA FIRE SERVICE

This licence is issued by the government of Maharashtra India to those contractor who have a consistent track record for delivering quality products & services.



· DGQA

Directorate General of Quality Assurance (DGQA) is an Inter-Service Organisation functioning under the Department of Defence Production in the Ministry of Defence.

 $The application of these approved products are for \ quality certification in the three (Army, Navy, Air force) armed forces of India.\\$



· IRS

Indian Register of shipping (IRS) is a government appointed body who are entreated for issuing certification for type approval . which ensure quality products at all times. The application of these approved products are for marine use.



· PESO (PETROLEUM AND EXPLOSIVES SAFETY ORGANIZATION) -

PESO's major work is to administer the responsibilities delegated under the Explosives Act 1884 and Petroleum Act 1934 and the Rules made there under related to manufacture, import, export, transport, possession, sale and use of Explosives, Petroleum products and Compressed gases.



FSSAI (THE FOOD SAFETY AND STANDARDS AUTHORITY OF INDIA)

FSSAI has been created for laying down science based standards for articles of food and to regulate their manufacture, storage, distribution, sale and import to ensure availability of safe and wholesome food for human consumption.



· APEDA (AGRICULTURAL AND PROCESSED FOOD PRODUCTS EXPORT **DEVELOPMENT AUTHORITY)**

(APEDA) provides rules, regulations, and guidelines to exporters on various products as per the concerned country for export.



· CIMFR (CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH) -

It is a constituent laboratory of Council of Scientific & Industrial Research, an autonomous government body and India's largest research and development organization.



· SABER



SABER is a platform in Saudi Arabia that allows importers and local manufacturers to electronically obtain the required Certificate of Conformity and Certificate of Shipment Conformity for consumer goods.



· FDA

The Food and Drug Administration is responsible for protecting the public health by ensuring the safety, efficacy, and security of human and veterinary drugs, biological products, and medical devices; and by ensuring the safety of our nation's food supply, cosmetics, and products that emit radiation.

ABC POWDER TYPE

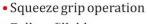


POWDER FIRE EXTINGUISHER

Dry chemical powders are important fire fighting agents. The main advantage is practically immediate success of extinguishing a fire. Furthermore one can use dry powders for extinguishing large scale fires, spillage fires and three dimensional fires.

- ISI Marked
- 1 year warranty

• Safe for use on live electrical equipment



• Fully refillable

Controlled discharge



MODEL	SPF- 1 KG ABC P	SPF- 2 KG ABC P	SPF- 4 KG ABC P	SPF- 6 KG ABC P	SPF-9 KG ABC P
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	1	2	4	6	9
FIRE RATING	1A 21B	1A 34B	3A 89B	4A 144B	6A 233B
EXTINGUISHING MEDIUM	MAP 90%				
TEMPERATURE RANGE	-30°c to + 60° c				
AVERAGE DISCHARGE TIME (Sec.)	8-10 Sec.	10-14 Sec.	15-20 Sec.	16-22 Sec.	20-25 Sec.
AVERAGE DISCHARGE RANGE (Meters)	02 Mtrs.	02 Mtrs.	04 Mtrs.	05 Mtrs.	05 Mtrs.
OPERATING PRESSURE	15 BAR				
TEST PRESSURE	35 BAR				
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN
CO ₂ CARTRIDGE CAPACITY (grams)	_	_	_	_	_











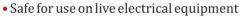
BC POWDER TYPE



POWDER FIRE EXTINGUISHER

BC Powder fire extinguishers are ideal for use on Class, B and C Fire Risks. The SAFE PRO powder fire extinguishers are available in 4kg, 6kg and 9kg standard versions. This model is designed to extinguish 'B' and 'C' type fires involving material like Petro Chemical products, Paints, Resins, Pigment, Varnish, Gases in compressed form like Oxygen, Acetylene, LPG, & CNG.

- ISI Marked
- 1 year warranty

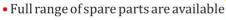


• Squeeze grip operation



Controlled discharge

• Supplied with wall bracket





	SPF- 6 KG BC	SPF- 9 KG BC	SPF- 4 KG BC CT	SPF- 6 KG BC CT	SPF- 9 KG BC CT
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	6	9	4	6	9
FIRE RATING	89B	233B	55B	89B	144B
EXTINGUISHING MEDIUM	As Per IS 4308				
TEMPERATURE RANGE	-30°c to + 60°c				
AVERAGE DISCHARGE TIME (Sec.)	15-20 Sec.	20-25 Sec.	12-18 Sec.	15-20 Sec.	20-25 Sec.
AVERAGE DISCHARGE RANGE (Meters)	04 Mtrs.	05 Mtrs.	04 Mtrs.	4.5 Mtrs.	05 Mtrs.
OPERATING PRESSURE	15 BAR				
TEST PRESSURE	35 BAR				
EXPELLANT	NITROGEN	NITROGEN	CO ₂	CO ₂	CO ₂
Co2 CARTRIDGE CAPACITY (grams)	_	_	120	120	200











CARBON DIOXIDE



FIRE EXTINGUISHER

Carbon Dioxide fire extinguishers are ideal for use on Class B & Class C Fire Risks. The $\frac{\text{SAFE PRO}}{\text{SAFE PRO}}$ carbon dioxide fire extinguishers are available in 2kg, 3kg, and 4.5kg standard Version.

- ISI Marked
- 1 year warranty
- Safe for use on live electrical equipment
- Fully refillable



MODEL	SPF- 2 KG CO2	SPF- 3 KG CO2	SPF- 4.5 KG CO2
CYLINDER BODIES	PESO APPROVED	PESO APPROVED	PESO APPROVED
CAPACITY (KG)	2	3	4.5
FIRE RATING	21B	34B	55B
EXTINGUISHING MEDIUM	CO ₂ Gas IS 15222	CO ₂ Gas IS 15222	CO ₂ Gas IS 15222
TEMPERATURE RANGE	-30°c to + 60° c	-30°c to + 60°c	-30°c to + 60° c
AVERAGE DISCHARGE TIME (Sec.)	09 Sec	09-11 Sec.	10-12 Sec.
AVERAGE DISCHARGE RANGE (Meters)	02 Mtrs.	02 Mtrs.	03 Mtrs.
TEST PRESSURE	250 BAR	250 BAR	250 BAR











WATER TYPE



FIRE EXTINGUISHER

Water Type Fire Extinguishers are ideal for extinguishing Class A Fires. The SAFE PRO Water Fire Extinguishers are perfect for use in a range of applications including offices and warehouses and the extinguishment is just pure water making the fire extinguishers extremely environmentally friendly and quick and simple to discharge test.

- ISI Marked
- 1 year warranty
- High quality corrosion resistant finish
- Easy to read pressure gauge
- Supplied complete with wall mounting bracket
- Full range of spare parts are available



MODEL	SPF- 9 LTR W	SPF-9 LTR W CT
CYLINDER MATERIAL	M.S.	M.S.
CAPACITY (Ltr.)	9	9
FIRE RATING	3A	3A
EXTINGUISHING MEDIUM	WATER	WATER
TEMPERATURE RANGE	+5°c to + 60°c	+5°c to + 60°c
AVERAGE DISCHARGE TIME (Sec.)	20-25 Sec.	20-25 Sec.
AVERAGE DISCHARGE RANGE (Meters)	04 Mtrs.	04 Mtrs.
OPERATING PRESSURE	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR
EXPELLANT	NITROGEN	CO ₂
Co2 CARTRIDGE CAPACITY (grams)	_	60











WATER MIST TYPE



FIRE EXTINGUISHER

Water Type Fire Mist Extinguishers are ideal for extinguishing Class A, Class B & F Type Fires. The Water Mist Extinguishers are perfect for use in a range of applications including offices and warehouses and the extinguishent is just pure water making the fire extinguishers extremely environmentally friendly and quick and simple to discharge test.

The special nozzle being used is capable of generating billions of water droplets from a single liter of water, This results in the creation of an ultra-fine mist that offers superior firefighting abilities. Due to its larger surface area per volume of water, the ultra-fine mist can absorb more heat, making it highly effective in extinguishing fires. Additionally, the small size of the water droplets allows them to penetrate deep into burning materials, thus reaching concealed fires that larger droplets cannot. The use of this special nozzle has the potential to significantly enhance firefighting capabilities, enabling faster fire suppression and reducing water usage compared to conventional firefighting methods, ultimately promoting the safety of firefighters and the public.

- ISI Marked
- 1 year warranty
- High quality corrosion resistant finish
- Easy to read pressure gauge
- Supplied complete with wall mounting bracket
- Full range of spare parts are available



MODEL	SPF-4 LTR W M	SPF- 6 LTR W M	SPF-9 LTR W M	
CYLINDER MATERIAL	M.S.	M.S.	M.S.	
CAPACITY (Ltr.)	4 (Ltr.)	6 (Ltr.)	9 (Ltr.)	
FIRE RATING	2A 89B15F	3A 113B 25F	4A 183B 75F	
EXTINGUISHING MEDIUM	WATER	WATER	WATER	
TEMPERATURE RANGE	+5°c to + 60°c	+5°c to + 60°c	+5°c to + 60°c	
AVERAGE DISCHARGE TIME (Sec.)	15-18 Sec.	18-20 Sec.	20-25 Sec.	
AVERAGE DISCHARGE RANGE (Meters)	04 Mtrs.	04 Mtrs.	04 Mtrs.	
OPERATING PRESSURE	15 BAR	15 BAR	15 BAR	
TEST PRESSURE	35 BAR	35 BAR	35 BAR	
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	











FOAM TYPE



FIRE EXTINGUISHER

Foam Type Fire extinguishers are ideal for use on Class A and Class B Type Fire Risks. The SAFE PRO Foam fire extinguishers are available in 9ltr standard models.

- ISI Marked
- 1 year warranty
- Squeeze grip operation
- Fully refillable
- Supplied with wall bracket
- Full range of spare parts are available



SPF- 9 LTR MF	SPF- 9 LTR MF CT		
M.S.	M.S.		
9	9		
4A 144B	4A 144B		
AFFF FOAM IS 4989	AFFF FOAM IS 4989		
+5°c to + 60°c	+5°c to + 60°c		
18-20 Sec.	18-20 Sec.		
05 Mtrs.	05 Mtrs.		
15 BAR	15 BAR		
35 BAR	35 BAR		
NITROGEN	CO₂		
-	60		
	M.S. 9 4A 144B AFFF FOAM IS 4989 +5°c to + 60°c 18-20 sec. 05 Mtrs. 15 BAR 35 BAR		











CLEAN AGENT TYPE



FIRE EXTINGUISHER

Safe to use on all your sensitive equipment, the Clean Agent Type Fire Extinguisher brings you the added benefit of being the world's most advanced, and by far the most eco-friendly extinguisher Clean Agent Extinguishers leave no residue, packed in mega power and are absolutely safe for use on any sensitive equipment.

- ISI Marked
- 1 year warranty
- Squeeze grip operation
- Fully refillable
- Controlled dischargeSupplied with wall bracket

• Full range of spare parts are available



MODEL	SPF- 2 KG CA	SPF- 4 KG CA	SPF- 6 KG CA
CAPACITY	2KGS	4KGS	6KGS
FIRE RATING	1 A : 21 B	2 A : 34 B	2 A : 55 B
OPERATING TEMPERATURE	-30°c to + 60°c	-30°c to + 60°c	-30°c to + 60°c
AVERAGE JET LENGTH THROW (IN MTRS)	02 Mtr	03 Mtrs.	03 Mtr
AVERAGE DISCHARGE PERCENTAGE	95% 95%		95%
AVERAGE DISCHARGE TIME (Sec.)	8-12 Sec.	15-18 Sec.	15-18 Sec.
CHARGE PRESSURE	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR
OPERATING VALVES	SQUEEZE GRIP TYPE	SQUEEZE GRIP TYPE	SQUEEZE GRIP TYPE
EXTINGUISHER MEDIA	CLEAN AGENT	CLEAN AGENT	CLEAN AGENT











WET CHEMICAL TYPE



FIRE EXTINGUISHER

SAFE PRO Kitchen Type Fire Extinguisher offers a distinctive unique feature by reacting chemically with cooking oil or fats (Saponification) & forms a non-combustible layer on surface, thereby provides a very fast flame knock down & complete securement of grease related fires. High reactivity of chemicals, reduces fire intensity of oil-immediately and also it does not produce any hazardous by-products due to fire or reaction with burning oil. Ease of post fire clean up. Totally non-corrosive product.

AVAILABLE IN VARIOUS CAPACITIES AND VARIANTS: STAINLESS STEEL CYLINDERS AND STANDARD MILD STEEL CYLINDERS

- ISI Marked
- 1 year warranty
- Squeeze grip operation
- Fully refillable
- Controlled discharge
- Supplied with wall bracket
- Full range of spare parts are available



MODEL	SPF- 4 Ltrs.K	SPF- 6Ltrs. K	SPF- 9Ltrs. K	
CYLINDER MATERIAL	S.S	S.S	S.S	
CAPACITY (Ltrs.)	4 Ltrs.	6 Ltrs.	9 Ltrs.	
FIRE RATING	15F	25F	75F	
EXTINGUISHING MEDIUM	WET CHEMICAL	WET CHEMICAL	WET CHEMICAL	
AVERAGE DISCHARGE TIME (Sec.)	12-15 Sec.	15-18 Sec.	18-20 Sec.	
AVERAGE DISCHARGE RANGE (Meters)	03 Mtrs.	03 Mtrs.	04 Mtrs.	
OPERATING PRESSURE	15 BAR	15 BAR	15 BAR	
TEST PRESSURE	35 BAR	35 BAR	35 BAR	
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	











AUTOMATIC CEILING MOUNTED

MODULAR FIRE EXTINGUISHER

Automatic fire extinguishers are ideal for use in unoccupied rooms or areas and can be used to provide fire safety protection in an enclosed space.

- Available with ABC Powder and Clean Agent gas Extinguishers.
- Supplied complete with temperature activation bulb (68°C) which activates the fire extinguisher when the temperature is reached.
- Wide range of uses including unattended areas, storage rooms, server rooms, engine compartments.



MODEL	SPF-M02	SPF-M05	SPF-M10	SPF-M15
CAPACITY	2 KG	5 KG	10 KG	15 KG
DESIGN	Ceilling mounted	Ceilling mounted	Ceilling mounted	Ceilling mounted
AVERAGE DISCHARGE TIME	4-5 sec	6-8 sec	10-15 sec	15-20 sec
HANGING HEIGHT ABOVE RISK	1.5 Mtr	1.5 to 2 Mtr	1.75 to 2.25 Mtr	2 to 3 Mtr
AREA PROTECTION	1 to 1.5 m ²	2 to 2.5 m ²	4 to 5 m ²	5 to 6 m ²
VOLUME PROTECTION	2.5 m ³	6 m³	10 m ³	15 m³
AVERAGE % DISCHARGE	99%	99%	99%	99%
OPERATING TEMPERATURE	68°C	68°C	68°C	68°C
SERVICE / TEST PRESSURE	15 / 35 BAR			
EXPELLING AGENT	Nitrogen / Clean Agent	Nitrogen / Clean Agent	Nitrogen / Clean Agent	Nitrogen / Clean Agent













SAFE PRO FIRE SERVICES PUT. LTD.

CARBON DIOXIDE TYPE (CO2)

WHEELED FIRE EXTINGUISHER

SAFE PRO fire wheeled extinguishers are available in Co2 versions and offer exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO fire wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



CAPACITY	6.5 kg	9 kg	22.5 kg
ТҮРЕ	Wheel type CO ₂	Wheel type CO ₂	Wheel type CO ₂
IS NO.	IS 16018	IS 16018	IS 16018
FIRE RATING	55B	55B	89B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
AVERAGE JET LENGTH THROW (IN MTRS)	04 Mtrs.	04 Mtrs.	04 Mtrs.
AVERAGE DISCHARGE PERCENTAGE	95%	95%	95%
AVERAGE DISCHARGE TIME (SEC)	12-18 Sec.	15-20 Sec.	20-30 Sec.
OPERATING VALVE	Wheel type	Wheel type	Wheel type
TEST PRESSURE	25 Mpa	25 Mpa	25 Mpa
EXTINGUISHER MEDIA	Co2 Gas as per IS 15222	Co2 Gas as per IS 15222	Co2 Gas as per IS 15222
EXPELLANT	CO ₂	CO ₂	CO ₂
LENGTH OF HOSE PIPE	2 Mtrs.	2 Mtrs.	2 Mtrs.













DRY CHEMICAL POWDER ABC TYPE

WHEELED FIRE EXTINGUISHER

SAFE PRO fire wheeled extinguishers are available in ABC Powder and offer exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO fire wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



CAPACITY	25 kg Outside Cartridge type	25 kg Inside Cartridge type	50 kg Outside Cartridge type	75 kg Outside Cartridge type
ТҮРЕ	Wheeled DCP ABC type	Wheeled DCP ABC type	Wheeled DCP ABC type	Wheeled DCP ABC type
IS NO.	IS 16018	IS 16018	IS 16018	IS 16018
FIRE RATING	20A 233B	20A 233B	20A 233B	20A 233B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
AVERAGE JET LENGTH THROW (IN MTRS)	6 Mtrs.	6 Mtrs.	07 Mtrs.	7.5 Mtrs.
AVERAGE DISCHARGE PERCENTAGE	90%	90%	90%	90%
AVERAGE DISCHARGE TIME (SEC)	40 sec.	40 sec.	45-50 Sec.	45-50 Sec.
CHARGE PRESSURE	1.5Mpa	1.5Mpa	1.5Mpa	1.5Mpa
TEST PRESSURE	3.5 Mpa	3.5 Mpa	3.5 Mpa	3.5 Mpa
EXTINGUISHER MEDIA	Dry powder As per IS 4308	Dry powder As per IS 4308	Dry powder As per IS 4308	Dry powder As per IS 4308
EXPELLANT	CO ₂	CO ₂	CO2	CO ₂
LENGTH OF HOSE PIP E	2 mtrs.	2 mtrs.	4 mtrs.	4 mtrs.













DRY CHEMICAL POWDER BC TYPE

WHEELED FIRE EXTINGUISHER

SAFE PRO fire wheeled extinguishers are available in BC Powder and offer exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO fire wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.



CAPACITY	25 kg Outside Cartridge type	25 kg Inside Cartridge type	50 kg Outside Cartridge type	75 kg Outside Cartridge type
TYPE	Wheeled DCP BC type	Wheeled DCP BC type	Wheeled DCP BC type	Wheeled DCP BC type
IS NO.	IS 16018	IS 16018	IS 16018	IS 16018
FIRE RATING	233B	233B	233B	233B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
AVERAGE JET LENGTH THROW (IN MTRS)	6 Mtrs.	6 Mtrs.	07 Mtrs.	7.5 Mtrs.
AVERAGE DISCHARGE PERCENTAGE	90%	90%	90%	90%
AVERAGE DISCHARGE TIME (SEC)	40 sec.	40 sec.	45-50 sec.	45-50 sec.
CHARGE PRESSURE	1.5 Mpa	1.5 Mpa	1.5 Mpa	1.5 Mpa
TEST PRESSURE	3.5Mpa	3.5 Mpa	3.5 Mpa	3. 5 Mpa
EXTINGUISHER MEDIA	Dry powder As per IS 4308	Dry powder As per IS 4308	Dry powder As per IS 4308	Dry powder As per IS 4308
EXPELLANT	CO ₂	CO ₂	CO ₂	CO ₂
LENGTH OF HOSE PIPE	2 mtrs.	2 mtrs.	4 mtrs.	4 mtrs.













FOAM AND WATER TYPE

WHEELED FIRE EXTINGUISHER

SAFE PRO fire wheeled extinguishers are available in Foam/Water based versions offer and exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO fire wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications



CAPACITY	MECHANICAL FOAM	WATER
CAFACITI	45 liter	45 liter
ТҮРЕ	Foam based	Water based
IS NO.	IS 16018	IS 16018
FIRE RATING	20A 233B	20A
OPERATING TEMPERATURE	+5° C TO +55° C	+5° C TO +55° C
AVERAGE JET LENGTH THROW (IN MTRS)	6 Mtrs.	6 Mtrs.
AVERAGE DISCHARGE PERCENTAGE	95%	95%
AVERAGE DISCHARGE TIME (SEC)	40 Sec.	40 Sec.
OPERATING PRESSURE	1. 5 Mpa	1. 5 Mpa
TEST PRESSURE	3. 5 Mpa	3. 5 Mpa
EXTINGUISHER MEDIA	AFFF Foam As per IS 4989	Water
EXPELLANT	CO ₂	CO ₂
EXPELLANT CAPACITY	300 gms	300 gms
LENGTH OF HOSE PIPE	4 mtrs.	4 mtrs.











SAFE PRO



TWIN TROLLEY

The system consists of 2 nos of 6.5 Kg Co2 cylinders and 1 nos of 2 Kg Dry Chemical Powder Fire Extinguisher mounted firmly on a trolley duly interconnected using a manifold for unified discharge mechanism, equipped with high pressure reinforced hose and a special applicator hom nozzle for ease of handling. Ideal for flammable liquids, High Electrical hazard, and difficult to reach type of fire such as Transformer stations, Air force stations and to any other to places where it is normally not possible for firemen to reach in case of any such incidents.

SAFE PRO TWIN TROLLEY Available in 6.5 kg, 9 kg and 22.5 kg Versions.



IS No.	16018
Fire Rating	55B/(89B for 22.5kg)
Operating Temperature	-30 to +55 degree Celsius
Min. Jet Length (in mtrs)	2 Mtrs.
Discharge Percentage Min.	95%
Discharge Time.	more than 15 Seconds
Test Pressure	250 kgf/cm²
Operating Valves	Wheel Type
Extinguisher Media	CO2 Gas IS: 15222
Expellants	Self (Co2)
Cylinder	Seamless IS: 7285
Painting	Enamel Paint IS:5













MECHANICAL FOAM



MOBILE UNIT

Mechanical Foam Making Mobile Unit, consisting of 100/200 litre capacity MS foam tank, one 225 l.p.m, Al. Alloy inline inductor with connection to foam tank, one foam making branch pipe with 63mm male inst. inlet, mounted on a rubber-tyred trolley with a handle & 6" castor wheel & having provision to keep 2 lengths of 63mm x 15 mtr. length.















CO2 CARTRIDGE

WITH BRASS NUT



TECHNICAL DETAILS

IS NO.			4947			
TYPE	60 G	90 G	120 G	200 G	300 G	
OUTSIDE DIAMETER (MM)	38/48	38/48	38/48	38/48	48/52	
VOLUME (ML)	90	135	180	300	450	
CO2 FILLED WEIGHT (G)	60	90	120	200	300	
WORKING PRESSURE (BAR)			174			
TEST PRESSURE (BAR)			250			
MIN WAL THICKNESS (MM)			3			
EXPELLANT			Co2			
ANTI CORROSIVE TREATMENT		PH	IOSPHATING (7 TANKS)			
PAINTING		EF	POXY POLYSTER POWD COATING	ER		













SAFE PRO

SAFE PRO ABC POWDER

MONO AMMONIUM PHOSPHATE (MAP 40%, 50%, 90%)

Dry chemical powders are important fire fighting agents: The main advantage-is- practically immediate success of extinguishing a fire. Furthermore one can use dry powders for extinguishing large scale fires, spillage fires and three dimensional fires.

Mono Ammonium Phosphate is one of the important base in use since very long time. It is very popular as it is user-friendly extinguishing medium for Class A, B, & C fires.

Mono Ammonium Phosphate base material is mixed with other ingredients to improve flow characteristics and expelling properties.

Powder is siliconised to impart excellent resistance to climatic changes.

APPLICATION

SAFE PRO ABC powder is suitable for use in all types of portable fire extinguishers, mobile extinguishers and fixed installations. Dry propelling agents such as N_2 or CO2 can be used.

SAFE PRO ABC is suitable for A Class, B Class and C Class fire risk: Class A fires involving wood, paper, tyres, coal, film, textile etc. Class B fires involving petrol, diesel, kerosene, oil, alcohols etc. Class C fires involving gases as Methane, Propane, Acetylene etc.

TECHNICAL DETAILS

Property	Typical Values
Appearance	Yellow coloured free flowing powder
Apparent Density	0.75 - 1.10 gm/cc
Water Repellence	< 1.5 %
Moisture Content	< 0.25 %
Flowability	> 50 gm/sec
	- 00 giii/000
Particle Size Distribution	
Range	(% Retained)
Range	(% Retained)
Range 40 Mesh/0.425mm	(% Retained)
	_
40 Mesh/0.425mm	0
40 Mesh/0.425mm 100 Mesh/0.150mm	0 2 - 15
40 Mesh/0.425mm 100 Mesh/0.150mm 200 Mesh/0.075mm	0 2 - 15 18 - 28















SAFE PRO BC POWDER



Dry chemical powders are essential fire fighting tools because they are dependable, fluid, and simple to use. Dry chemical powders can be created with one base or several bases and a variety of base materials. One of the significant bases that has been around for a very long time is sodium bicarbonate. Due to the fact that it offers an extinguishing medium that is highly reliable, economical, and user-friendly, it is still very popular.

To enhance the flow characteristics and expelling properties, other ingredients are combined with the sodium bicarbonate base material.

In order to add excellent water repellence, powder is siliconized.

For all B and C class fires involving gases and flammable liquids like petrol, diesel, kerosene, oils and alcohols, SAFEPRO BC is the best option.

TECHNICAL DETAILS

Property	Typical Values
Appearance	White Coloured free flowing powder
Apparent Density	0.55 - 0.7 gm/cc
Water Repellence	< 1.5 %
Moisture Content	< 0.25 %
Flowability	> 50 gm/sec
Particle	Size Distribution
Range	(% Retained)
40 Mesh/0.425mm	0
100 Mesh/0.150mm	0-2
200 Mesh/0.075mm	0-10
325 Mesh/0.45mm	10-35
323 MeSH/0.43HIH	10 00
Bottom pan	35-90















18



AQUEOUS FILM FORMING FOAM (AFFF)

CONCENTRATE

DESCRIPTION:

SAFE PRO AFFF

Aqueous Film Forming Foam concentrate (AFFF), formulated with new generation AFFF fluorinated surfactants which are environmentally safer. SAFEPRO AFFF is formulated with fluorinated surfactant, synthetic surfactant, solvent and blended with preservatives and stabilizers. It produces thin strong film on hydrocarbon fuel surface. The foam spreads rapidly on fuel surface due to positive spreading provided by fluorinated surfactants and the foam blanket excludes oxygen from the fuel surface and provides cooling effect leading to fast flame knockdown and extinguishment. AFFF is intended for use at 1/3/6% solution in fresh, sea/salt or hard water.

APPLICATION:

SAFEPRO AFFF is suitable for class B fires of hydrocarbons like crude oil, gasoline, diesel, kerosene etc in sectors like refineries tank terminals, process areas, power stations, offshore and onshore installation etc. AFFF can also be used as a wetting agent in combating fires in class A materials such as wood, paper, rubber and tyres.

PROPORTIONING AND DISCHARGE DEVICES:

AFFF can be used with all types of foam proportioning and discharge devices such as portable and fixed (in-line) proportioners, branchpipes, balance pressure variable flow proportioners, bladder tanks ratio controllers and around-thepump proportioners, spray fog nozzles, monitors, foam makers, foam chambers, foam pourers, rim seal foam pourers, sprinklers etc.

COMPATIBILITY:

SAFEPRO AFFF is compatible with dry powders and other equivalent foams.

STORAGE AND SHELF LIFE:

When stored in sealed original containers, the product has a long shelf life of 10 years. The shelf life of foam is also dependent on the storage temperatures and conditions. Recommended storage temperature 0°C to 50°C. The product can withstand intermittent short time exposure up to 55°C. Ensure that the containers are not directly exposed to sunlight and heat. It is unaffected by freeze/thaw cycles.

ENVIRONMENTAL INFORMATION:

Being based on fluorinated surfactants, AFFF is environmentally safe, bio-degradable, low toxic to the aquatic organisms. The handling of spills of concentrate or foam solution should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect. Refer MSDS for additional information.

PACKAGING:

The product is available in 3 litre, 20 litre, 200 litre cans.



TECHNICAL DETAILS

Parameters	AFFF 1%	AFFF 3%	AFFF 6%
Appearance	Light Brown	Light Brown	Light Brown
Sp. Gravity	1.03 ± 0.01	1.02 ± 0.01	1.01 ± 0.01
pH Value	7.5 ± 1	7.5 ± 1	7.5 ± 1
Viscosity	< 15 cSt <	< 10 cSt	< 5 cSt
Freezing Point	-1°C	-1°C	-1°C

^{*} Also available in Freeze Protected Type













^{**} Value depends equipment used and system parameters

SAFE PROFIRE HYDRANT PRODUCTS











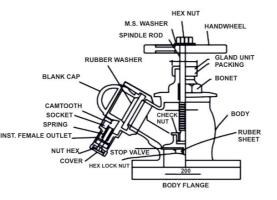


OBLIQUE TYPE LANDING VALVE &



DOUBLE OUTLET LANDING VALVE







OBLIQUE TYPE LANDING VALVE

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINIUM
BODY, ASSEMBLY	STAINLESS STEEL IS: 3444	LTB 2 IS: 318	IS 617
VALVE SPINDLE	STAINLESS STEEL IS: 6603	BRASS ROD IS: 319/320	STAINLESS STEEL IS: 6603
CAST IRON WHEEL	IS: 210	IS: 210	IS: 210
RUBBER WASHER	IS: 937 (TYPE-A)	IS: 937 (TYPE-A)	IS: 937 (TYPE-A)
SPRING	STAINLESS STEEL IS: 6528	PHOSPHORUS WIRE IS: 7608	STAINLESS STEEL IS: 6528
GLAND PACKING- ASBESTOS THREAD	IS: 4687 (TYPE-3)	IS: 4687 (TYPE-3)	IS: 4687 (TYPE-3)

Hand Wheel: Gray Cast Iron Halogram: Sticker Stuck on Landing Valve

(Type"A") ISI Marked

TECHNICAL SPECIFICATION

Size: 63 mm

Inlet: 80 mm NB Flanged
Outlet: Female Instantaneous

Comforming Specification: IS: 5290: 1993

PERFORMANCE TEST

Hydraulic Test : 21 Kgf/cm2 Water Tightness Test : 15 Kgf/cm2 Flow Test : 900 LPM at 7 Kgf/cm2



DOUBLE OUTLET LANDING VALVE

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL
BODY, ASSEMBLY	STAINLESS STEEL IS: 3444	LTB 2 IS: 318
VALVE SPINDLE	STAINLESS STEEL IS: 6603	BRASS ROD IS: 319/320
CAST IRON WHEEL	IS: 210	IS: 210
RUBBER WASHER	IS: 937 (TYPE-A)	IS: 937 (TYPE-A)
SPRING	STAINLESS STEEL IS : 6528	PHOSPHORUS WIRE IS: 7608
GLAND PACKING- ASBESTOS THREAD	IS: 4687 (TYPE-3)	IS: 4687 (TYPE-3)

Hand Wheel: Gray Cast Iron Halogram: Sticker Stuck on Landing Valve



(Type"B") ISI Marked

TECHNICAL SPECIFICATION

Size: 63 mm

Inlet :100 mm NB Flanged Outlet : Female Instantaneous Material : Gun Metal / Stainless Steel Comforming Specification : IS : 5290 : 1993

PERFORMANCE TEST

Hydraulic Test : 21 Kgf/cm2 Water Tightness Test : 14 Kgf/cm2 Flow Test : 1800 LPM at 7 Kgf/cm2















STAND POST SINGLE AND DOUBLE

THREADED LANDING VALVE



THREADED LANDING VALVE

ITEM DESCRIPTION	SIZES	MATERAIL
63 mm Single outlet BSP Screw Threaded	1 1/2"	Gun Metal
Landing Valve, having 75 mm NB inlet &	2"	Brass
63mm Female Instantaneous outlet.	2 1/2"	S.S / C.I

Body Test: 22.5 Bar Pressure and 2 Min. Test Duration
 Seat Test: 16.5 Bar Pressure and 2 Min. Test Duration

DOUBLE STAND POST

Description

- Water Tightness Test for the valve 18 kgf/cm² (for 2.5 Min)
- Hydrostatic Pressure Test
 23 kgf/cm² (for 2.5 Min)
- Flow Test 900 LPM Min 6.7 kgf/cm² (for single outlet)





SIGNLE STAND POST

Description

- Water Tightness Test for the valve 18 kgf/cm² (for 2.5 Min)
- Hydrostatic Pressure Test 23 kgf/cm² (for 2.5 Min)
- Flow Test 900 LPM Min 6.7 kgf/cm² (for single outlet)

















INLET FBC/ BREECHING

2 WAY INLET FBC BREECHING

Model	2 Way Inlet FBC Breeching
Size	63 mm Dia
Material	Gun Metal / S.S & Cast iron Body
Testing	Hydraulic Test : 21Kgf/cm2







4 WAY INLET FBC BREECHING

Model	4 Way Inlet FBC Breeching
Size	63 mm Dia
Material	Gun Metal / S.S & Cast iron Body
Testing	Hydraulic Test : 21Kgf/cm2













STAND POST TYPE



FOAM MONITOR

DESIGN & CONSTRUCTION	AS PER IS: 8442			
MATERIAL	SEAMLESS MILD STEEL TUBES			
SIZE OF MONITOR	63 MM			
SIZE OF INLET FLANGE	80 MM			
DISCHARGE CAPACITY	1750 LPM			
HORIZONTAL THROW	50-55 METERS			
ROTATION	360°			
ELEVATION	58° TO 30°			
JOINT	SWIVEL TYPE (GUN-METAL)			
JET SPRAY NOZZLE	GUN METAL OR ALUMINIUM			
OPERATIVE PRESSURE	7 BAR			
LEAKAGE PRESSURE	TO WITHSTAND PRESSURE OF 23 BAR			



Fb10x

Fb5x



DESCRIPTION Fb10x					
SIZE	DIAMETER 63 mm				
BODY	Welded from MS/SS Seamless pipe Bends				
Range	50 to 60 Meters				
Flow	1750 to 4000 LPM				
Rotation	360°				
Nozzle	FB- 5X, FB- 10X				

The fb5x is made of light Aluminium Alloy, easy to handle foam making branch pipe ideal for fire brigade first line Appliances and General industrial use. it will operate from water supply of 230l/min at 5.5 Bar.

GENERAL DATA

DESCRIPTION Fb5x				
Make	SAFEPRO			
Model	FB5X			
Inlet	1 Nos 63mm Instantaneous Male Inle			
Material of Construction	Al. Body			
MATERIAL OF	CONSTRUCTION			
Body/Flange	Aluminium			
Male Adaptor	Aluminium			
TESTING AND QUALITY CONTROL				
Dimensional check	As (See drawing Above)			
Operating Pressure Test	6.5 Bar			
Through Distance	19mtr.			
OPERATIONAL/	TECHNICAL DATA			
Water Required	230L/min			
Weight (approx.)	2.5 Kgs. (approx)			













BRANCH PIPE



INSTANTANEOUS MALE / FEMALE TYPE COUPLING



TECHNICAL SPECIFICATION

Size of Branch Pipe: 63 mm

Size of Nozzles : 6mm, 12 mm, 15 mm, 20 mm and 25mm Material : Gun metal / Stainless / Aluminium Alloy

Conforming Specification: IS 903:1993

PERFORMANCE TEST

Hydraulic Test : Tested at 21 Kgf / cm2 Working Pressure : 7kgf / cm2 Finish : Natural Polished Halogram : Sticker Stuck on Nozzle

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINIUM
BODY, ASSEMBLY	STAINLESS STEEL IS: 3444	LTB 2 IS: 318	IS 617
RUBBER WASHER	IS: 937 (TYPE-B)	IS: 937 (TYPE-B)	IS: 937 (TYPE-B)



TECHNICAL SPECIFICATION

Size: 63 mm

Material : Stainless Steel / Gun Metal / Aluminium Al Conforming Specification : IS 9003 : 1993

PERFORMANCE TEST

Hydraulic Test : Tested at 21 Kgf / cm2

Finish: Natural Polished

Hologram: Sticker Stuck on Coupling.

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM	
BODY, ASSEMBLY	STAINLESS STEEL	LTB 2	IS	
	IS: 3444	IS: 318	617	
RUBBER WASHER	IS: 937 (TYPE-A)	IS: 937 (TYPE-A)	IS: 937 (TYPE-A)	
SPRING	STAINLESS STEEL	PHOSPHORUS WIRE	STAINLESS STEEL	
	IS: 6528	IS: 7608	IS : 6528	













MEDIUM VELOCITY SPRAY NOZZLE



SS AND BRASS

Medium Velocity Water Spray Nozzles are open type (non-automatic) nozzles, designed for directional spray application in fixed fire protection system. Medium velocity water spray nozzle has an external deflector, which discharges water in a directional cone shaped pattern of small droplet size. The water is uniformly distributed over the surface to be protected.

TECHNICAL DATA

DESCRIPTION					
Туре	K-22 120° triangle				
Size	1/2" BSPT SS Chrome Plating				
Material	SS				
Finishing	Chrome Finished				
Weight	110-115 grams				
Hole Size	6mm				
Thread	1/2 BSPT / NPT.				



The natural finish, chrome plated, and lead coated bronze, as well as stainless steel Type D3 PROTECTOSPRAY Nozzles are UL and C-UL Listed, as well as FM Approved.



TECHNICAL DATA

DESCRIPTION	
Туре	K-22 120º triangle
Size	1/2" BSPT Brass Chrome Plating
Material	Brass
Finishing	Chrome Finished
Weight	110-115 grams
Hole Size	6mm
Thread	1/2 BSPT / NPT.













FLEXIBLE SPRINKLER HOSE





Flexible Sprinkler hose with threaded end fittings are for use in commercial suspended ceilings. The flexible hoses are to be installed according to the manufactures directives.

Model	NPT In.	K- Factor	Minimum Bend Radiusin. (MM)	Number of Bends	Rated Working Pressure psi (kPa)	Hose Assembly length ft (M)	Equivalent Length of 1 in Schedule 40 Pipe,ft (M)
SPF	1/2	5.6	6 (152)	1	175 (1205)	3 (0.9)	26.3 (8.0)
SPF	1/2	5.6	6 (152)	3	175 (1205)	4 (1.2)	31.6 (9.6)
SPF	1/2	5.6	6 (152)	4	175 (1205)	5 (1.5)	35.3 (10.7)
SPF	1/2	5.6	6 (152)	4	175 (1205)	6 (1.8)	39.1 (11.9)















WATER BASED SPRINKLER

UL LISTED AUTOMATIC SPRINKLER

PENDENT TYPE SPRINKLERS

(Quick Response) (Standard Response)







DESCRIPTION

Certified

UL Listed

Made Of Bronze

Quick Response

Maximum, Working Pressure

Maximum Working Pressure 175 Psi (12 Bar)

Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Pendant	NISRP02/ NI052	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish
Quick	Pendant	NIQRP02/ NI062	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL Listed	Chrome Finish

UPRIGHT TYPE SPRINKLERS

(Quick Response) (Standard Response)





DESCRIPTION

UL Listed Made Of Bronze Quick Response

Maximum Working Pressure 175 Psi (12 Bar)

Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Upright	NISRU02/ NI032	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL listed	Chrome finish
Quick	Upright	NIQRU02/ NIO42	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL listed	Chrome finish















WATER BASED SPRINKLER

UL LISTED AUTOMATIC SPRINKLER

SIDE WALL MOUNTED TYPE

(Quick Response) (Standard Response)





DESCRIPTION

Certified

UL Listed Made Of Bronze Quick Response Maximum Working Pressure 175 Psi (12 Bar)

Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Horizontal Sidewall	NI012	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL listed	Chrome finish
Quick	Horizontal Sidewall	NI022	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL listed	Chrome finish

CONCEALED SPRINKLERS

(Quick Response) (Standard Response)



DESCRIPTION

Certified



UL Listed Made Of Bronze Quick Response Maximum Working Pressure 175 Psi (12 Bar)

Response Type	Orientation	SIN No.	K Factor	End Connection	Temperature Rating	Approval	Finish
Standard	Concealed	NI072		½" NPT or ½" PT	68°C/79°C	UL listed	Chrome finish
Quick	Concealed	NI082	5.6(80)	½" NPT or ½" PT	68°C/79°C	UL listed	Chrome finish













SWINGING TYPE WALL MOUNTED

HOSE REEL DRUM

TECHNICAL SPECIFICATION

Conforming to: IS:884/1958

Size: Inlet: 1" Threaded Inlet Connection Type: Swinging 180° Wall Mounting

Outlet: 3/4", 1", 1-1/2" outlet connection for House to

accommodate 30 Mtrs. Hose

PERFORMANCE TEST

Hydraulic Test: Tested at 21 Kgf/cm2 Range & Water Flow rate test at 7Kgf / cm2

(A) Discharge: 24 LPM

(B) Range (Jet Lenght) : 6 Mtr (Min) Halogram: Sticker Stuck On Wheel

HUB SIDES & WALL BRACKET	M.S. SHEET OF IS: 513
SWIVEL JOINT	LBT - 2 OF IS : 318
PIPE WITH FITTING	STEEL OF IS: 1239 PART 1
NOZZLE	IS: 8090
HOSE REEL TUBING	THERMOPLASTIC HOSE CONFIRMING TO IS : 12585



HOSE REEL DRUM AVAILABLE IN MS AND SS BODY

RUBBER HOSE CONFIRMING TO IS: 444



RRL HOSE PIPE

FEATURES

Compact, flexible & light weight, abrasion resistant, ability to withstand high operating & back pressure.

Conforming to IS: 636/1988

Application: This RRL Hose used for water delivery purpose in Fire-Fighting & Civil Engineering Applications etc.

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 rat proofing agent.

Rubber Lining: A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length: 15 Mtrs & 30 Mtrs.



RRL HOSE PIPE TYPE A















HOSE BOX



DOUBLE DOOR

DOUBLE DOOR HOSE BOX MS



Dimension-

750mmX600mmX250mm

Material- Mild Steel (3mm thickness)

Colour- Powder coated in Red PO colour

Door Opening Type -

Central opening glazed door, Necessary Locking Arrangement

Sticker of "Fire Hose Box" on the box.

This hose box consists of double door to keep two hoses of 15meters length and a nozzle.

DOUBLE DOOR HOSE BOX SS

Dimension-

750mm X 600mm X 250mm

Material- Stainless Steel (3mm thickness)

Door Opening Type -

Central opening glazed door, Necessary Locking Arrangement

Sticker of "Fire Hose Box" on the box.















FIRE EXTINGUISHER CABINET



SINGLE DOOR

FIRE EXTINGUISHER CABINET(PLASTIC)

- Features:
- ABS Plastic Injection moulded.
- Dent, Rust & Corrosion resistance.
- Hinged front with clip fastener and weather seal.
- Strong plastic construction with window on front.
- Quick access and securing strap.

Description

Single Door Fire Extinguisher Cabinet Size 9KG (670X300X300) Single Door Fire Extinguisher Cabinet Size 6KG (610X300X260)





• FIRE EXTINGUISHER CABINET (METAL)

• Features :

Long lasting durability
Trouble free operations
Superb finish

- <u>Size</u>: All sizes of Boxes / Frames fabricated as per client's specification.
- <u>Material</u>: Mild Steel sheet, stainless steel sheet, Aluminum Sheet & Fiber Glass Box.
- <u>Type:</u> Single door / double door type with locking arrangement, front glass and key
- Features;
 - 1. Single Door Fire extinguisher cabinet full FRP red colour finish .
 - 2. Hold 1 Extinguisher of 6kg 9kg capacity.
 - 3. Surface mounted cabinet.
 - 4. Red Color FRP box
 - 5. Product Single Door Fire Extinguisher cabinet













FIRE EXIT DOOR



SINGLE DOOR

ITEMS Fire Doors

Door Leaves Constructed from 0.0012m thick skin pass Galvanized Iron sheet

(Conform to IS 277) or from 0.0008m thick skin pass Galvanized

Iron Sheet (Conform to IS 277)

Thickness 0.046m

In-Fill Rockwool/Mineral Wool/Honeycomb Kraft Paper

Door Frames Constructed from 0.0016m thick Skin pass galvanized Iron sheet

(Conform to IS 277) or from 0.0012m thick Skin pass Galvanized Iron sheet

(Conform to IS 277) formed to single or double rebate profile of size

Profile

Dimensions 0.143m X 0.058m (+/-0.03m)

Bending radius 0.0014m

Vision Glass

Material 0.005m thick clear/wired glass Circular or Rectangular





SHAPE

Rectangular Dimensions: 0.2m X 0.3m Coating:

The door frames and door shutters are primed with Zinc-Phosphate stoving primer and finished with Polyurethane Aliphatic grade or epoxy paint as required

Powder Coating Material:

Epoxy Polyester/Pure Polyester/Polyurethane

Powder Coating Thickness:

60-65 Microns (Dry film Thickness)

ACCESSORIES

Hinges

Material: Stainless Steel Ball Bearing Butt Hinges

Dimension: 0.102m X 0.076m

Thickness: 0.003m

Lock : Mortice Sash Lock with Lever Handles, Mortice Dead Bolt, Mortice Latch, Panic

Devices etc. can be provided as required

Flush Bolts

(Double Doors) Concealed extended lever action flush bolts provided on the top of the door

to the leading stile edge

Door Closers: Doors are made suitable to receive a large variety of door closers















WATER CURTAIN

SIREN

TECHNICAL DATA

DESCRIPTION	
Range	2 KM
RPM	6000
Motor HP Rating	1 HP
Winding	Copper Winding
Body Material	Aluminum Casting
Fittment	Horizontal
Mounting	Double Mounting
Power Supply	220/230 Volt AC 50Hz



Water Curtain Nozzles are non-automatic open, outside sprinklers intended for the protection of windows, walls, steel beams, columns, roofs and any other structures against exposure fire and heat penetration. Water Curtain nozzles are generally installed with orifice slot pointing downwards direction.



WATER CURTAIN TECHNICAL DATA

DESCRIPTION	
Maximum Working Pressure	A170:F185sure 12 Bar (175 PSI
Effective Working Pressure	1,4 - 3.5 Bar (50-150 PSI)
End Contraction	1/2" BSPT
Weight	115 grams
Included Water Spray Angle	120°
Finish	Chrome Plated Brass













SAFE PROF

TRIPLE PURPOSE NOZZLE

STAINLESS STEEL / GUNMETAL

DESCRIPTION:

SS/GM 63MM TRIPLE PURPOSE NOZZLE AS PER IS:2871

Reference Standards: IS:2871

Size: 63mm

Inlet
 Outlet
 Male Inlet
 Outlet
 Hollow jet, Spray and Shut Off

MATERIAL OF CONSTRUCTION

 Body
 IS: 3444 Gr. I (SS:202) / SS: 304 / GM

 Nozzle
 IS: 3444 Gr. I (SS:202) / SS: 304 / GM

 Diffuser Valve
 IS: 3444 Gr. I (SS:202) / SS: 304 / GM

 Diffuser Nut
 IS: 3444 Gr. I (SS:202) / SS: 304 / GM

TESTING AND QUALITY CONTROL

Dimensional Check

Documentation

Hydrostatic Pressure Test AS per IS:2871

Performance 21 Kgf/cm2 for 2.5 minutes

Requirements Flow Test: Discharge adjustable from wide angle spray to

narrow angle spray to hollow jet to complete shut off.

Internal inspection report, supplier's certificates, approved

laboratory test certificates.

OPERATIONAL / TECHNICAL DATA

Working Pressure 5 to 12 kg / cm²

Discharge Pattern Changeover from wide spray to hollow jet to shut off

(clockwise direction) and vice - versa

Weight (aaprox.) 2.3 kgs

Finish Nozzle All Parts Chromium plated
Marking Permanently marked

Permanently marked Brand: VARUNEY Size: 63mm















MULTIPURPOSE COMBINATION



FLOW NOZZLE



- Solid jet and fog facilities simultaneously or independently
- Special design gives low back pressure
- Durable, light, hard anodized construction
- Straight stream to dense fog & flush without shut off
- Ball valve for flow control
- Anti-slip rubber moulded pistol grip
- NFPA 1964 compliant
- Compressed air foam (CAFS) capability

Product Code No.	Bore (Dia)	Length	Weight (lbs)/kg	Flow Rate	Solid-Jet
N-MP-16	1 1/2 "	9"	5.1/2.3	91	350
N-MP-19	1 1/2 "	9"	5.1/2.3	131	500
N-MP- 25	1 1/2 "	9"	5.1/2.3	226	860

Flow R	Rate Fog	Flow Ra	ate + Fog	Inlet Available
79	300	170	650	2 1/2 " Male instantaneous
79	300	210	800	NH (F) Threads NST (F) Threads
79	300	305	1160	BSP (F) Threads











NON RETURN VALVE



WAFER TYPE CHECK VALVE



TECHNICAL DATA

DESCRIPTION	STANDARDS
Manufacturing Standard	ANSI B 16.34
Testing & Inspection Standard	API 598
Pressure Class	PN 10
MATERIAL OF CONSTRUCTION	
Body	C.I - IS210 GR.FG200
Disc / Flapper	M.S - ASTM A 36
Seal	Nitrile
Hinge Pin	M.S - ASTM A 36
SUITABLE APPLICATION	
Water	Yes
Oil	Yes

HYD.TEST PRESSURE DETAIL

Body	Seat	
225 PSIG	150 PSIG	

CAST IRON DUAL PLATE WAFER CHECK VALVES

BODY

IS 210 Gr FG 200/220

CLOSURE PLATE (DISC)

SG IRON/SS 304

HINGE PIN

AISI 304 / AISI 316

STOP PIN

AISI 304 / AISI 316

SPRING

STAINLESS STEEL

SEAT EPDM

MFG STD GENERALLY CONFORMING TO

API 6D / API 594

INSP & TEST STD GENERALLY CONFORMING TO

API 6D / API 598

ENDS WAFER TYPE TO SUIT ANSI B 16.1 (125#)

WAFER TYPE TO SUIT DIN 2532 (PN 10)/

DIN 2533 (PN16)

HYD-TEST PRESSURE BODY: 225 Psig (16 Kg/Cm²) FOR 125#

SEAT: 165 Psig (11.5 Kg/cm²) FOR 125# BODY: 213 Psig (15 Kg/Cm²) FOR PN 10 SEAT: 142 Psig (10 Kg/Cm²) FOR PN 10

SIZE RANGE 50 MM TO 600 MM













BUTTERFLY VALVE



GATE VALVE

BUTTERFLY VALVE



TECHNICAL DATA

ITEM DESCRIPTION	MATERAIL
Manufacturing Standard	API 600
Testing & Inspection Standard	API 598
Face to Face	ANSI B 16.10
End Connection	Flanged as per ANSI B16.5
Shell Wall Thickness	ANSI B 16.34
Pressure Class	Class 150

HYD. Test Pressure Details

Body	Seat	
425PSIG	300 PSIG	
Air Test - Seat 80 PSIG +/- 10 PSIG		

SUITABLE APPLICATION

Water	Yes
Oil	Yes

TECHNICAL DATA

ITEM DESCRIPTION	MATERAIL
Manufacturing Standard	API 609 / IS 13905
Testing & Inspection Standard	API 598 / IS 13905
Pressure RATING	PN 10

MATERIAL OF CONSTRUCTION

ITEM DESCRIPTION	MATERAIL
Body	C.I. IS210 GR.FG200
Disc / Flapper	CAST IRON / S.S 304
Seal	Nitrile Rubber
Lever	M.S.

SUITABLE APPLICATION

Water	Yes	
Oil	Yes	

HYD. TEST PRESSURE DETAILS

Body	Seat
10 KG / CM2	10 KG / CM2

GATE VALVE















FIRE ALARM PANEL



FIRE ALARM PANEL

Fire Alarm Panel Model - AS - 203: Micro Controller Based 4 Zone Fire Alarm Panel. Compact design good looking Panel.



FEATURES

Technical Specification:

- Fully Confirm IS 2189.
- Zone Wise Fire Fault LED Indication.
- Zone Isolation Facility.
- Mains on, System On, Charger on, visual indications.
- Auto dialer attachable facility
- External s/w for reset, Silence, Lamp test.
- External s/w to test each zone fire, open, short status manually.
- Inbuilt Buzzer.
- 16x2 Line LCD Display.
- Inbuilt Battery Charger & Battery Space.
- Potential Free Contact Facility.

TECHNICAL SPECIFICATION:

Power I/P	230 V.AC/ 24 V DC
Power Consumption	30 Watt/200 Watt (Normal/Fire)
End Of Line	4 K7
No. Of Zones	2,4
Detection O/P Supply	24 V DC
Hooter O/P Supply	24 V DC
Operating Temperature	0°C to 40°C
Operating Humidity	95% (non-condensing)

MECHANICAL SPECIFICATION:

Cabinet Type	MS
Colour	Off White
Paint	Powder Coating
Knock Out	20 mm
Dimension	350x105x255 mm
Weight	4.7 kg without battery













FIRE ALARM PANEL



FIRE ALARM PANEL

Fire Alarm Panel Model - AS - 202: Micro Controller Based 2 Zones Conventional Fire Alarm Panel



FEATURES:-

- Fully Confirm IS 2189.
- Zone Wise Fire Fault LED Indication.
- Zone Wise Isolation Facility.
- Auto Dialer Attachable Facility.
- Mains on, system on, charger on, visual indications.
- Potential Free Contact Facility.
- External s/w for reset, silence, lamp test
- External s/w to test each zone fire, open, short status manually.
- Inbuilt Buzzer.
- 16x2 line LCD display.
- Inbuilt Battery charger & Battery space.
- Operates on 230 V 50 Hz AC supply.
- Potential free contract facility.

TECHNICAL SPECIFICATION:

Power I/P	230V AC/24 VDC
Power Consumption	30 watt/200 watt (Normal/fire)
End Of Line	4K7
No. Of Zones	2
Detection O/P Supply	24 V DC
Hooter O/P Supply	24 V DC
Operating Temperature	0°C to 40°C
Operating Humidity	95% (non-condensing)

MECHANICAL SPECIFICATION:

Cabinet Type	MS
Colour	Red
Paint	Powder Coating
Knock Out	20 mm
Dimension	350x105x255 mm
Weight	4.7 kg without battery













FIRE ALARM



MCP / HOOTER WITH STROBE / ABS HOOTER



MCP

FEATURES:

- Compatible with all conventional fire control panels
- Alarm test key facilities
- Glass protected by a thin film
- Wall mounted
- LED blinking facility (optional)





Iron made key box

- (Only for Single key) with breakable glass & hammerColor:
- Box: Red
- Hammer: Black/Red/Silver
- Box in mm: H140xW90xD25
- Thickness: 1 mm
- Key Hook to Bottom Distance: 115 mm

ABS HOOTER

FEATURES:

- New attractive look
- Suitable for malls, Restaurant, Banks Etc.
- 100v AC/ 24v
- 85Db
- Abs body
- 115x115x70
- Red colour
- 600gm



HOOTER WITH STROBE [ABS]

- Hooter with flasher
- Wall mounted type
- Attractive look
- Suitable for Mall, Bank, Restaurant etc.
- Suitable for sound polluted areas

MECHANICAL SPECIFICATION:

Cabinet Type	MS
Colour	Red
Paint	Powder Coating
Knock Out	20 mm
Dimension	350x105x255 mm
Weight	4.7 kg without battery













CONVENTIONAL OPTICAL



SMOKE DETECTOR



AS - 503 CONVENTIONAL OPTICAL SMOKE DETECTOR Technical Parameters:

- Votage range:16-32 VDC
- Alarm current:10-100mA
- Quiescent: 60uA @ 24VDC
- Operating temperature: OC to +90'C
- Humidity:<95%RH
- Coverage:50 sq. meters
- 2-wire
- Photoelectric sensor
- Product size:10.6x10.6x5.2cm



AS - 504 CONVENTIONAL HEAT DETECTOR Technical Parameters:

- Votage range:16-32 VDC
- Alarm current:10-100mA
- Quiescent: 40uA @ 24VDC
- Operating temperature: OC to +90'C
- Humidity:<95%RH
- Coverage:50 sq. meters
- 2-wire
- Cancel
- Product size:10.6x10.6x5.2cm



AS - 505 CONVENTIONAL OPTICAL MULTI - DETECTOR Technical Parameters:

- Votage range:16-32 VDC
- Alarm current:10-100mA
- Quiescent: 60uA @ 24VDC
- Operating temperature: OC to +90'C
- Humidity:<95%RH</p>
- Coverage:50 sq. meters
- 2-wire
- Photoelectric sensor
- Product size:10.6x10.6x5.2cm













GAS DETECTOR



GAS DETECTOR

This device is used for early warning in Hotels, Restaurants, Cafeterias of gas leakage. It indicates alarm for quick remedial action. Our system is designed with latest technology micro controller.

SPECIFICATIONS:

- Model: Multi Channel Gas Detector with Hooter and Flasher
- Enclosure: Intrinsically Safe & PESO approved
- Range: 1 ppm 2000 ppm
- Detection Level Alarm: 500 ppm (Level-1),
- 1000 ppm (Level-2)
- Response Time: Less than 10 sec
- Output alarm: Colour LED indication
- Mounting Type: Wall Mount
- Operating Temperature: 0-50°C
- Power Supply: 110 / 230VDC ± 20% OR 12V-30VDC
- Power Consumption: Less than 1 watt per channel
- Output: COM / N.O. / N.C.
- Sensor Life: 5 year minimum

APPLICATIONS:

- Hotels / Restaurants
- Cafeterias
- Canteens
- Snacks Stalls

FEATURES:

- State of the Art Design
- Installed at places of Potential Gas Hazards
- Measuring Gas : LPG / PNG / CNG
- Early Warning of gas leaks with built-in alarm Buzzer
- Compact, Robust, Inexpensive & User Friendly
- Two Alarm level setting (Level 1 & Level 2)
- Highly Sensitive
- 24 X 7 vigilance & timidity
- Available in 1,2, 3,4,5 to 10 channels (expanded as per client requirement in Zones)













CABLE



DESCRIPTION

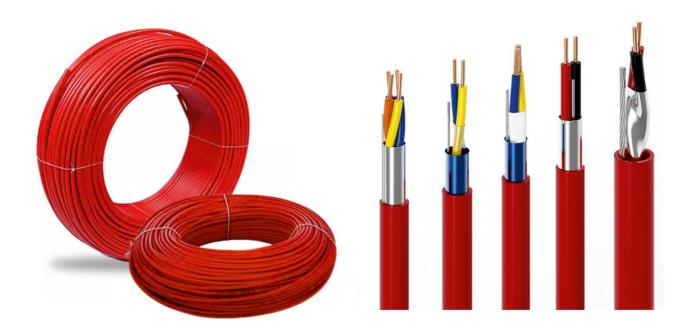
 $These \ cable \ are \ used \ for \ fixed \ installation \ typically \ in \ fire \ alarm \ and \ emergency \ lighting \ circuits \ equipment.$

Size: 2cx1.5 SQ MM, 4cx1.5 SQ MM, 6cx1.5 SQ MM

Voltage Grade: 1100V

 $Specification: 1100\ v\ stranded\ (class\ 2)\ bare\ copper\ conductor, xlpe\ insulated, insulated\ cores\ laying\ for\ laid\ up,$ extruded ST2 PVC I/SH, single layer galvanised steel round wire armoured and extruded FR-LSH pvc outer sheathed

fire alarm cab le as per IS-7098



















SPARE PARTS



VALVE ASSEMBLY



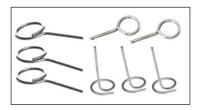
WALL BRACKET



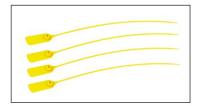
PRESSURE GUAGE



SAFETY LOCK PIN



TAMPER SEAL



SAFETY PIN CAP



CYLINDER PLASTIC BASE



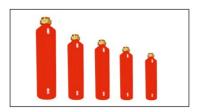
NECK RING



RUBBER O RING



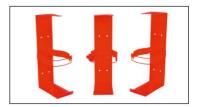
Co2 CARTRIDGE



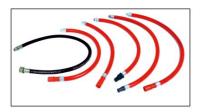
FLOOR STAND



VEHICLE CYLINDER BRACKET



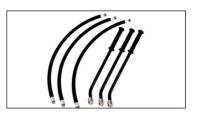
HOSE ASSEMBLY



HOSE WITH HORN



HOSE AND LANCE















SPARE PARTS



THERMOPLASTIC HOSE PIPE



PRESSURE GUAGE



WASHER



LUGS



ADAPTER



CONTROL PANEL



PRESSURE SWITCH



NOZZLE / SHUT OFF VALVE



PVC NOZZLE



CHECK REDUCER



NOZZLE / SHUT OFF VALVE



HYDRANT WEEL













SIGNAGE



FEATURES:

TECHNICAL DETAILS:

- Twin dome type beam light with clear glass and clear focussing.
- Front touch type switch panel for individual function.
- Fuse blown, mains on, low battery indication.
- LED dot exit display.
- 20w single LED each dome.
- 2-6hrs. battery backup.(OPTIONAL)
- Remote control variant.
- Compact size and attractive shape.
- Automatic light on in case of power failure.
- Automatic shutdown in case of low battery.
- Maintenance free lead acid battery.
- User friendly adjustable dome neck.

Operating voltage 220V/50hz AC ,12V DC Battery 12V/(3.3-7AH)
Cabinet MS
Weight 7kg. (with battery)
Paint powder coating





EMERGENCYEXITSIGNS TECHNICALPARAMETERS:

- Aluminum alloy shell
- Protection grade IP20, suitable for indoor
- Continuous schedule
- Working voltage: AC220V t 10%
- AC power: 5W
- Charging time: > 24 hours
- Emergency duration time: more than 3 hours
- Light source: LED
- Battery: Ni-cd 3.6v 500mAh
- Working temperature: -10`C— 55=C
- Working humidity: 10°4-90% RH
- Illuminance: > 17 cd/re
- Charging LED indicator and test button
- Product size: 39.1x20.5x5.5cm













SIGNAGE



















SAFE PRO

SAFETY PRODUCTS

ALL TYPES OF SAFETY PRODUCTS































HELMETS



Red Helmet Model - SPF H 01



Yellow Helmet Model - SPF H 02



White Helmet Model - SPF H 03



Green Helmet Model - SPF H 04



Blue Helmet Model - SPF H 05



Green Helmet Model - SPF H 06



Face Shield Model - SPF H 07



Torch Model - SPF H 08



Helmet with Torch Model - SPF H 09



Helmet with Torch Model - SPF H 10



Welding Model - SPF H 11



Welding Model - SPF H 12



Colorful Helmet Model - SPF H 13



Nape Model - SPF H 14



Rachet Model - SPF H 15











SAFETY BOILER SUIT

"THE FUTURE OF WORK WEAR IS HERE"

Fireman Jacket & Trouser Specification

Multiple layers of Jackets and pants with suspender Certified to EN 469:

Outer Shell: 6.0oz NOMEX III A Fabric.

Moisture Barrier. Aramid/Kevlar non woven laminated with PTFE membrane for maximum breath ability and hydrostatic head (waterproof) performance. (EN 343 protection against foul weather)

Thermal Barrier.

Constructed using non-woven ARAMIDE KEVLAR fibres laminated with Nomex / Viscose innermost ling fabric for maximum protection;

Reflective Tape: 2"width yellow-silver-yellow reflective trims installed at arm and legs, front, back and bottom on the jacket and pants to enhance high visibility of workers;

Fireman Helmet Specification

Standard: CE En443

Brand: PAB

Performance: Flame-Retardant Shell/Interior Basket/Chin Strap; Puncture Resist; Retractable PC face protector; Neck protection, Reflective And Luminescent stripes. Adjusting head, Possible wearing of the protective mask under visor; Easy to operate and Spare parts available.

Color: Yellow

Weight: Approximately 1400 gms.

Fireman Balaclava Specification

<u>Material:</u> 50% Aramid + 48% Viscose +2% Anti Static Blended fabric. <u>Color:</u> Beige

Fireman Gloves Specification

Material: Multiple-layer leather glove.

Spec: The upper material is beef hide split with special treatment against high temperature, penetration of water and oils. Another function of this leather treatment is resistance against mechanical risks. The next layer is composition of technical Kevlar® and Nomex® that increases resistance against heat, abrasion and cutting. Knit wristband is made from Kevlar®. The gloves are tested and certified according to EN 659:2004+A1:2008-Protection gloves for firefighters.

Fireman Boot Specification

Material: Vulcanized Rubber & Sole Certified to EN ISO 20345 & EN 15090.

Colour: Black+Yellow.













BOILER SUIT



Boiler Suit Model - SPF B 01



Boiler Suit Model - SPF B 02



Boiler Suit Model - SPF B 03



Boiler Suit Model - SPF B 04



Boiler Suit Model - SPF B 05











ALUMINIZED SUIT

SAFETY SUIT

ALUMINIZED CLOSE PROXIMITY SUIT

1. GENERAL

Proximity suit designed to provide the fire- fighter with protection from radiated heat and from injuries arising from impact or abrasion during operational activities. A proximity suit should consist of hood with visor, a sit in jacket and trouser combination boot and gloves. The suit is interwoven with minimum three layers of fabric (inner, middle and outer) highly fire and heat resistant and coated lined externally with layer of aluminized reflector.

Outer Layer is made out of premium quality Imported aluminized glass fibre fabric . 1. Suit consists of coat, pant, gloves, Hood with Fireman helmet fitted inside and shoes. Suitable for 500° C radiant heat and 500 to 600° C convection heat.

2. Available in 2,3,4 layers with or without BA set provision

SUIT

The suits shall be provided into piece, jacket and trouser combination in large and extra large sizes. Material of the suits should provide thermal insulation, must resist radiant heat occasional direct flame contact and be water resistant. The garments should be light weight, provide freedom of movements, be comfortable in extended period of wearing and easy to don without assistance. The fabric used should not be bulky and should be resistant to tearing & abrasion. The reflective medium may be coated or lined to minimize the effects of heat on the wearer.

HOOD

- a) Should have adequate protection from impact, be resistant to penetration and electrical conductivity should not be susceptible to deformation due to heat absorption & should have wide range of vision. The hood should not give the wearer a sense of isolation and must permit both speech and the reception of audible signals or words of command. The hood should be capable of used in conjunction with respiratory protection equipment and of incorporating radiotelephone receiver installation.
- b) Hood shall consist of helmet, face shield with complete shoulder flaps.
- c) Chin-strap with a quick release buckle should be provided to the helmet.
- d) Face shield may be coloured or non-coloured, non-splinterable glass. Visible transmittance for non-coloured glass shall not be less than 85% and for coloured glass 45%.
- e) Face shield should be capable of giving full heat protection and should be single piece, preferable gold tinted transparent poly-carbonate type visor.

BOOTS

Uppers should be tough, flexible, heat-resistant material and extend to the midcalf or knee level. Soles should be of a non-slip material, which may include synthetic materials, resistant to heat, oil, aircraft fuels or acids, Toe caps and soles may be reinforced with steel. The use of rubber boots in this application is not recommended.

The boots sizes should be 8 & 9

GLOVES

These should be of the gauntlet type to provide wrist protection and their construction should permit the wearer to operate switches, fastenings and hand tools. The nature of Fire Fighting operations indicates that the back of the gloves should have a reflective surface to minimize radiated heat effects and that the palm and fingers should be provided in a material resistant to abrasion and penetration by sharp objects. All seams should be resistant to penetration by liquids.













APRIN & BLANKET



Aluminized Suit Model - SPF B 06



Fire Apron Model - SPF A 07



Aluminized Apron Model - SPF A 08



Kevlar Apron Model - SPF A 09



Aluminized Blanket Model - SPF B 10



Fire Blanket Model - SPF B 11



Filter Mask Model - SPF M 12



Silicon Blanket Model - SPF B 13



Ceramic Welding Blanket Model - SPF B 14



Water Gel Blanket Model - SPF B 15













ALUMINIZED GLOVES

Five- Finger design Flexible and comfortable

Reflect High Temperature Heat waves

Made from Aluminized Glass fabric

- * Heat Resistant up to 350°C
- * Chemical and Hot Oil resistant

Reduce the absorption of heat waves by the skin















GLOVES



Aluminized Hand Gloves Model - SPF G 01



Leather Hand Gloves Model - SPF G 02



Household Hand Gloves Model - SPF G 03



Leather Hand Gloves Model - SPF G 04



Industrial Hand Gloves Model - SPF G 05



Electrical Hand Gloves Model - SPF G 06



Cotton Knitted Hand Gloves Cotton Knitted Hand Gloves Model - SPF G 07



Model - SPF G 08



Model - SPF G 09



Dotted Hand Gloves Nitrile Coated Hand Gloves Foam Coated Hand Gloves Model - SPF G 10



Model - SPF G 11



Nitrile Coated Hand Gloves Model - SPF G 12



Cotton Latex Coated Hand Gloves Model - SPF G 13



Industrial Hand Gloves Model - SPF G 14



Nylon Hand Gloves Model - SPF G 15



Industrial Hand Gloves Model - SPF G 16













SAFETY REFLECTIVE JACKETS

REFLECTIVE JACKETS











Heavy Duty Contractor Surveyor's vest with zipper closure and large back "plan" pocket. Built with rugged ANSI 107 Hi-Viz material, reinforced wear points, and long-wearing web reinforcement along outer edges. Mesh upper, front and back, for breath ability and comfort. Pockets in tough woven twill fabric provide durability.

MESH

SIZES AVAILABLE

GREEN ORANGE

M, L, XL

FEATURES:

Zipper Closure 2 Glass Bead Reflective Tape [Class 2] Grommets at Neck for Tool Keepers Woven Fabric Bias Tape Mic Tab on Shoulder Heavy Black Webbing Reinforcement

POCKETS: 6

Upper Chest Flap Pocket Upper Split Pencil Pocket Lower Front Flap Covered Pockets Large Inside Open Pockets

MATERIALS:

100% Polyester Mesh 100% Polyester Solid Twill Pockets

COLORS:

High-Visibility Green High-Visibility Orange

















REFLECTIVE JACKETS



Reflective Jacket Tape 1 Inch Model - SPF J 01



Reflective Jacket Tape 2 Inch Model - SPF J 02



Reflective Jacket Tape 1 Inch Model - SPF J 03



Reflective Jacket Tape 2 Inch Model - SPF J 04



Double Tape with zip Tape 2 Inch Model - SPF J 05



Double Gray Tape Tape 2 Inch Model - SPF J 06



Reflective Jacket Tape 2 Inch



Tape 2 Inch



3 Way Model - SPF J 09



3 Way Model - SPF J 10



3 Way Model - SPF J 11



Life Jacket Model - SPF J 12



Life Jacket Multi Colour Model - SPF J 13



Life Jacket (for kids) Model - SPF J 14



Life Jacket Model - SPF J 15













INDUSTRIAL SAFETY SHOES

ALWAYS ONE STEP AHEAD....

PRODUCT

<u>UPPER:</u> High ankle safety shoe made up of synthetic leather stitched with Orange colour bonded thread

<u>LINING:</u> High sweat absorbing Orange colour lining with foam for comfort

EYELETS: SS D-Rings on both faces

SOLE: Injection moulded PVC. Slip, Oil & Acid resistant

TOE: Broad Steel toe cap

INSOLE: Anti fungal, Anti bacterial, Anti-odour

COLOUR: Black & Orange

SIZES: 5 to 11

















INDUSTRIAL SAFETY SHOES



Safety Shoes Model - SPF S 01



Safety Shoes Model - SPF S 02



Safety Shoes Model - SPF S 03



Safety Shoes Model - SPF S 04



Safety Shoes Model - SPF S 05



Safety Shoes Model - SPF S 06



Safety Shoes Model - SPF S 07



Safety Shoes Model - SPF S 08



Safety Shoes Model - SPF S 09



Safety Shoes Model - SPF S 10



Safety Shoes Model - SPF S 11



Safety Shoes Model - SPF S 12



Aluminized Shoes Model - SPF S 13



Safety Shoes Model - SPF S 14



Safety Shoes Model - SPF S 15



Safety Shoes Model - SPF S 16













OUTDOOR EMERGENCY SURVIVAL MEDICAL KIT

FIRST AID KIT

PRODUCT DETAILS

The Safe Pro HDPE Red First Aid Kit is a great choice for those who want a reliable and affordable first aid kit. This kit comes with everything you need to treat minor injuries and wounds, including bandages, antiseptic wipes, and more. The Safe Pro first aid kit & wound care which is made of high quality HDPE material is 26.5x21.3x8.9 cm in dimensions and is available in orange, red colour. This product is priced very affordable and has a long life.

KEY FEATURES

1. Portable, Mountable & Water Resistant.

2. Come with Clear & Self-Explanatory Instructions.

3. In-Built Mounting Holes Provided Within the Handle of the Kit.

PRODUCT SPECIFICATIONS

Brand : Safe Pro Colour : Red

Dimensions : 26.5x21.3x8.9 cm

Finish : Matte Material : HDPE Mounting : Wall

PACKAGE CONTENTS

1 First Aid Guide Book- 54 Pages, 1 Scissors, 1 Snake Bite Lancet, 5 Wound Cleaning Antiseptic Wipes, 5 Tincture-Povidone Wipes, 1 Adhesive Plaster- Small, 1 Small Sterilized Dressing, 1 Medium Sterilized Dressing, 1 Large Sterilized Burn Dressing, 1 Sterilized Eye Pad in Sealed Packet(Dressing) with Elastic Dressing Roll, 1 Eye Wash Pods, 1 Tourniquet, 5 Safety Pins, 2 Roller Bandage-Medium 5 cm Widex2 m, 2 Roller Bandage-Large 10 cm Widex2 m, 1 Triangular Bandage, 1 Burn Ointment, 1 CPR Mask, 1 Instant Cold Pack, 10 Adhesive Bandages, 1 Burn/Rescue Blanket, 2 Disposable Gloves (1 Nos), 1 Muscle Relaxant Ointment, 1 Gauze Pad-5 cm, 1 Gauze Pad-7.5 cm, 1 Burn Gel 3.5 g, 1 Antiseptic Cream Cetrimide 5 g, 1 Fast Aid Guide, 1 Content List Sticker & 1 Potassium Permanganate Crystals

Standard : ANSI Type III / ANSI ANSI/OSHA Z308 & 1-2015

Country of origin : India Manufacturer : SAFE PRO







FIRST AID







1 Person

5 Persons

10 Persons



15 Persons



25 Persons



50 Persons



75 Persons















TRAFFIC ZONE

TRAFFIC ZONE

A Complete Range of Traffic - Road Safety















TRAFFIC ZONE







Cassetes (Red, Blue, Black) 2.50 mtr.

Caution Tape

Single Layer Wind Sock Double Layer







Heavy Fold/Expandable Barrier (Red) (2300L x 1000H) Barrier (Red) (2500L x 940H)

Foldable/Expandable

Warning Bollards Size - 800mm, 1100mm



Cone Top Belt Manager



Searching Light



Chain (Plastic Chain)



Cone Top Belt Manager











Covex Mirror 18 inch/24 inch/32 inch/40 inch/48 inch

Dome Mirror

Life Buoy Ring (IRS Approved)













TRAFFIC ZONE





Powder Coated Q Manager

SS Q Manager

Safety Cones









Rubber / Plastic Speed Breaker

Corner Guard

Reflective Tape











Solar Blinkers

Plastic Floor Stand

Baton Light









Solar Road Stud MS

Road Stud PVC Without Solar

Rechargeable Baton Light

Triangle















TRAFFIC ZONE









Water Fillable Barrier

Barrier

Delineator

Traffic Cone Sign Plate









Warning Bollards (800mm)

Sign Plate Size - W 250 x H200

Scanner

Q Sign Plate







SS Classic Q Manager Size (H) 1000/300 Dia Color- Red/Blue Weight-8 kg. Aprox.

Megaphone

Ear Muff

Ear Plug













SAFE PRO FIRE SERVICES PUT. LTD Faster than fire

SELF-CONTAINED BREATHING APPARATUS

(SCBA)

DESCRIPTION

Self-contained breathing apparatus (SCBA) are used to protect users against oxygen deficiency, dust, gases and vapours at plants, aboard vessels, at fire and in tunnels.

Self Contained Breathing Apparatus set with wide view panoramic Facepiece, with rugged easy flow demand valve connected to a Low-pressure hose. Reducer with safety release valve connected to the high-pressure hose with gauge and warning whistle. Complete assembly mounted on anti-corrosive FRP back plate. Cushion padded 2000 kg resistant nylon harness attached to the ergonomic black plate. Designed to connect various on 9 and 6 liters cylinders with international and national valves. The complete set is packed in the smart carrying case with instruction manual.

SCBA













CYLINDERS FOR INDUSTRIAL USES

O₂, CO₂, N₂, H₂, N₂O, Ar



• NITROUS OXIDE • HYDROGEN



FOR INDUSTRIAL GASES













CYLINDERS FOR MEDICAL GASES

MEDICAL OXYGEN

SAFE PRO can supply the MO2 cylinders with bull nose or pin index valves. The external surface of these cylinders are coated with good-quality enamel/epoxy paint to meet Indian standards or to cater to specific customer requirements

Gases like oxygen and nitrous oxide are extensively used in the healthcare industry for patients who need help in breathing, for administering anesthesia during operations etc. So cylinders not only need to be safe, they have to be free of contamination as well.



Filling Ratio	Test Pressure	Water Capacity	Gas KG	Capacity LTR	Outside DIA 'D' (mm)	Length(L) Approx. (mm)
0.667	250 kgf/cm ²	5	3.3	1851	140	465
		10	6.7	9702	140	845
		40	27	14992	232	1215
		46.7	31	17288	232	1370













CNG STEEL CYLINDERS

COMPRESSED NATURAL GAS

Compressed Natural Gas (CNG) (methane stored at high pressure) is a fuel which can be used in place of gasoline, diesel fuel and propane/LPG in vehicles. CNG combustion produces fewer undesirable gases than the fuels mentioned above. World over authorities is promoting its use because it helps reduce pollution on overcrowded city streets. Since compressed gas cylinders can have an explosive effect during traffic collisions, they have to conform to the highest standards of safety.

SAFE PRO supplies a wide range of CNG cylinders that are designed and DEM manufactured to comply with the highest national and international standards. We supply high-quality seamless steel CNG cylinders for almost all kinds of vehicles, like three-wheelers, cars, buses, and delivery vehicles.

CNG cylinders are strong and lightweight and undergo stringent cyclic testing to assess fatigue strength, usage life and to ensure safety and reliability under extreme climate conditions. We supply the cylinders with or without valves, and with neck threads according to customer specifications. All cylinders are epoxy-coated on the outside to offer protection against rough handling.

Water Capacity(LTR)	Dia (mm)	Working Pressure(Bar)	Application
60 ltr	267	200	Trucks & Buses
60 ltr	356	200	Car
60 ltr	316	200	Car
65 ltr	356	200	Car
65 ltr	316	200	Car













SAFE PRO FIRE PRE-ENGINEERED FIXED FIRE SUPPRESSION SYSTEM



- CO2 BASED IHP SYSTEM
 - CO2 BASED DHP SYSTEM
- CO2 FLOODING SYSTEM
- CLEAN AGENT BASED SYSTEM
 - WET CHEMICAL BASED SYSTEM
- SAFE PRO 1230 / FK 5-1-12 SYSTEM
- SAFE PRO HFC 227ea SYSTEM















FIRE DETECTION & SUPPRESSION SYSTEM

CO₂ BASED SYSTEM

IHP (INDIRECT HIGH PRESSURE)

IHP system, uses the detection tube as a fire detection & system activation device not as a discharge tube. Once the tube senses the fire it then ruptures resulting in dropping of pressure causing the Indirect Valve to activate, this diverts flow from the detection tube to the larger outlet port. CO2 agent is then discharged from the cylinder through the diffuser nozzles, flooding the area and effectively suppressing the fire quickly and thoroughly.

IHP SYSTEM & SPARES

- CO2 Cylinder available In Capacity Of
 4.5 Kg, 6.5 Kg, 9 Kg & 22.5 Kg (PESO)(ISI)
- Flexible Discharge Hose
- Indirect High Pressure Valve(PESO)
- UL Listed Tube With Burst Temp 88°c (UL)
- End of Line Adaptor With Pressure Gauge
- Brass Nozzle
- Pressure Switch
- Manual Release
- SS Ferrule Fittings(Tee, Elbow, Straight Connector etc)

IHP SYSTEM APPLICATION

- Electrical Panel
- Process Control Unit
- Fume Hood
- Process Moulding Machine Etc















FIRE DETECTION & SUPPRESSION SYSTEM

CO₂ BASED SYSTEM

DHP (DIRECT HIGH PRESSURE)

DHP (DIRECT HIGH PRESSURE)

DHP CO2 Fire Suppression System is a reliable, 24x7 automatic fire detection & protection system for machines, equipments, panel and other equipment. Fast detection & Suppression of fire within seconds, reduces equipment damage and down time it utilizes multiple detection points by UL recognized linear pneumatic heat detection tube detect fire throughout its installed length. Intrinsically safe for electric charged area. No external power required to activate the system. No false Alarm or discharges as the system only activates in event of the actual Fire/heat impingement.

DHP SYSTEM & SPARES

- CO2 Cylinder available In Capacity of
 3 Kg, 4.5 Kg, 6.5 Kg & 9 Kg (PESO) (ISI)
- Direct High Pressure Valve (PESO)
- Ul Listed Tube With Burst Temp 88°c (UL)
- End Of Line Adaptor With Pressure Gauge
- Pressure Switch

DHP SYSTEM APPLICATION

- Electrical Panel
- Process Control Unit
- Enclosed Automated Milling
 Machine etc















FIRE DETECTION & SUPPRESSION SYSTEM

CLEAN AGENT BASED SYSTEM

DIRECT LOW PRESSURE (DLP) FIRE SUPPRESSION SYSTEM

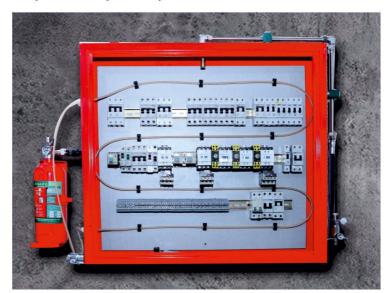
DLP System: The fire detection tube acts as the delivery system for the suppression agent which discharges and directly releases the agent onto a fire via the burst hole which acts as a nozzle in the fire detection tube. Act as a heatsensing and agent discharge tube.

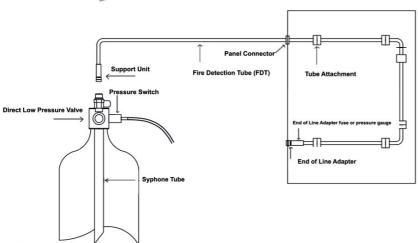
DLP SYSTEM & SPARES

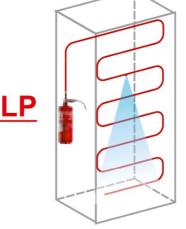
- MS Cylinder Available in Capacity of 2kg, 4kg, 6Kg, 9kg (ISI)
- Direct Low Pressure Valve
- End Of Line Adaptor With Pressure Gauge
- UL Listed Tube With Burst Temp 138°c (UL)
- Non UL Tube
- Clean Agent Safe Pro 1230 (FK-5-1-12) (UL Listed), HFC 227ea (UL Listed)
- Pressure Switch & Accessories

DLP SYSTEM APPLICATION

- **Electric Panels**
- Server Racks
- **Tool Machinery**





















GAS BASED FIRE SUPPRESSION SYSTEM

CO₂ BASED SYSTEM

CO2 is a colourless gas with a density about 60% higher than that of dry air, considered as best extinguishing gas. It suppresses oxygen by eliminating heat, CO2 is most effective as a fire extinguishing agent. NFPA- 12 Rules and BIS 6382 Codes for design of such system are used as standard for CO2 Extinguishing or flooding system. CO2 gas generally stored in high pressure seamless steel cylinders is in liquid form with maximum filling ratio of 0.667 Kg/Ltr of cylinder volume. According to the fire hazard CO2 cylinder quantity varies. On large hazards where several cylinders are required a manifold is used to connect each other by means of flexible hose and check valve. The cylinder's master valve is electronically operated and the slave valve is pressure actuated. The master valve can be automatically or manually operated. Flow rate of CO2 is controlled.

CO2 FLOODING SYSTEM & SPARES

- CO2 Cylinder Available in Capacity Of 22.5 Kg (34 Ltr), 45 Kg (68 Ltr) (PESO) (ISI)
- VTI Valve (TC)
- Master Tee
- Flexible Discharge Hose
- Interconnecting Hose
- Actuation Hose
- Aluminium Spinning Horn Brass Cp Nozzle
- Pressure Relief Valve
- Non Return Valve (Check Valve)
- Solenoid 24 VDC
- Flameproof Discharge Pressure Switch (CIMFR)
- Flameproof Solenoid Rotex (PESO)
- Mechanical Weight Loss Device
- Led Type Weight Monitoring Device Along With Panel
- Dial Type Weighing Scale
- Load Cell Type Weighing Scale

CO2 FLOODING SYSTEM APPLICATION

- LT Panels
- Control Room (Power Plant)
- Transformers & Sub Stations
- Rolling Mills & Turbines
- Cement Industries















GAS BASED FIRE SUPPRESSION SYSTEM

KITCHEN - WET CHEMICAL BASED SYSTEM

Kitchen fires are some of the fiercest and most difficult fire to fight and diminish. Fire hazard risk is very dangerous in commercial kitchen. Kitchen fire is generally due to burning of oil. In any kitchen there are inflammables like LPG on the premises, this aggravates the danger considerably. Kitchen; be it of a small cafe or a large industrial kitchen. SAFE PRO kitchen fire suppression system is equipped & ready to protect commercial & residential kitchens. Our fire extinguishers are wet chemical based and are specially designed to fight cooking oil fire arising in the kitchen with no flooding related collateral damage.

KITCHEN SYSTEM APPLICATION

- Commercial Kitchen
- Cafeterias
- Restaurant
- Home Kitchen



KITCHEN SYSTEM & SPARES

- SS Cylinders Available In Capacity Of 6kg, 9kg, 12kg, 15kg, 18kg, & 21kg
- Indirect Low Pressure Valve With Solenoid (24 VDC)
- SS Nozzle
- LHS Cable UL Listed (Operate At 138°c)
- Seamless SS Tube
- SS Ferrule Fittings & Accessories (Tee, Elbow, Straight Connector etc)













FIRE SUPPRESSION SYSTEM

(SAFEPRO - 1230 / FK- 5-1-12 AND HFC 227ea)

SAFEPRO-1230 'UL' Listed fire protection fluid is based on a proprietary chemistry called C6-fluoroketone; it is also known as FK-5-1-12 the way it is designated in NFPA 2001 and ISO 14520 clean agent standards. Although it is a liquid at room temperature & it gasifies immediately after being discharged in a total flooding system.

FK-5-1-12 & HFC 227ea SYSTEM SPARES

- HFC 227ea Cylinder Available in Capacity Of 34 Ltr, 80 Ltr, & 120 Ltr (PESO)
- Fk-5-1-12 Cylinder Available in Capacity Of 34 Ltr,80 Ltr, & 120 Ltr (PESO)
- Clean Agent Safe Pro 1230 (Liquid), HFC 227ea (Gas) (UL)
- Suppression Valve With Pressure Gauge
- Electrical Cum Manual Actuator
- Discharge Hose
- Actuation Hose
- Manifold Check Valve
- Pressure Switch

FK-5-1-12/ HFC 227ea SYSTEM APPLICATION

- Computer Room
- Server Room
- Electric Room
- Electrical Panel
- Network Room
- Data Room



SAFEPRO 1230 is an odourless, colourless, liquefied compressed gas. It is stored as a liquid and dispensed into the hazard as a colourless, electrically nonconductive vapour that is clear and does not obscure vision. It leaves no residue and has acceptable toxicity for use at the design concentration and in occupied spaces **SAFEPRO 1230** is 'UL' Listed extinguishes a fire by a combination of chemical and physical mechanisms.















SAFE PRO 1230

CLEAN AGENT GAS

BASIC INFORMATION

Trade Name: SAFE PRO 1230

CAS No:756-13-8

Structural Formula

• Chemical code: FK-5-1-12

PHYSICAL PROPERTIES

Molecular Formula	C 6F 12O	Solubity of water in Safe Pro 1230 @25° C	<0.001 wt%
Molecular Mass	316.045	Specific heat, liquid@25°C	1.013 kJ/kg°C
Boiling point at 1 atm	49.2°C	Liquid Density@25°C	1.60 g/ml
Freezing Point	-108.0 °C	Vapor Pressure@25°C	0.404 bar
Critical Temperature	168.7 °C	Insulating Property(110k)	3.8 m A (Standard Leakage Current < 10mA)
Critical Pressure	18.65 bar	Dielectric Strength(kV)	74.6 kV Test distance 3mm)
Critical Density	639.1 kg/m ³	ODP	0
Heat of vaporization at boiling point	88.0 kJ/kg	GWP	1.0
Liquid Viscosity@25 C	0.524 cp	ATL	0.014



PHYSICAL PROPERTIES

Inspection Item	Qualified Product	Superior Product
Purity, %,	≥ 99.70	≥ 99.90
Acidity (as HCI), %,	3 X 10	3 X 10
Water Content, %,	≤10 X 10	5 X 10
Non-volatile Residue. %	≤ 0.01	≤ 0.01













FIRE SUPPRESSION VALVE

ELECTRIC CUM MANUAL ACTUATOR

$FK-5-1-12 \ / \ FM\ 200 \ / \ SAFEPRO\ 1230\ Clean\ Agent\ Valve\ based\ fire\ Suppression\ System. \ (Available\ in\ 2\ Variants)$



S+161 M64X2 74±5 71±5

Material of Construction : Brass

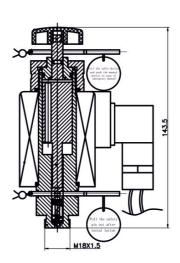
Working Pressure : 25 - 42 Bar (upto)

Discharge Hose Connection: M48/M52 Safety Disc Burst Pressure: 60 Bar

Provision for both : Electric cum Manual Actuator and Pneumatic Manual Actuator

Electric Cum Manual Actuator















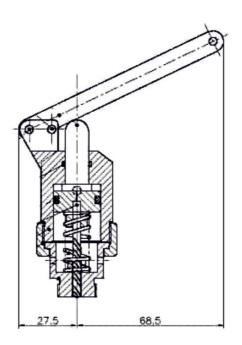


MANUAL ACTUATOR

HOSES & ACCESSORIES

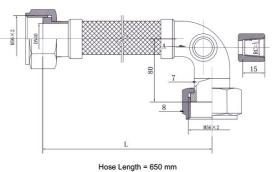
Manual Actuator





Discharge Hose (DN 40/DN 32)





Inter Connecting Hose



Pressure Guage



Product Application

- Libraries
- Book stores
- Electronic data processing
- Telephone exchanges
- Communication centres
- Transformer and switch room
- Control rooms
- Test laboratories
- Flammable liquid storage















COMPONENTS FOR PRE-ENGINEERED

FIXED GAS BASED FIRE SUPPRESSION SYSTEM



24 Vdc Patcon Solenoid



VTI Master Valve with Solenoid (For CO₂)



Flame Proof Pressure Switch (For CO2)



DLP Valve (For Clean Agent)



VTI Valve (K85-50) (For CO₂)



ILP Valve with Solenoid (For Kitchen)













COMPONENTS FOR PRE-ENGINEERED

FIXED GAS BASED FIRE SUPPRESSION SYSTEM



24 VDC Solenoid (Rotex Make) for CO2 Suppression System



Analogue LED Weight Loss Device with Control Panel (For CO2)



UL-Listed Heat Detection Tube (Nichibou/Japan)



UL-Listed Heat Detection Tube (Amext/USA)



Pressure Switch



FM 200 Brass Nozzle













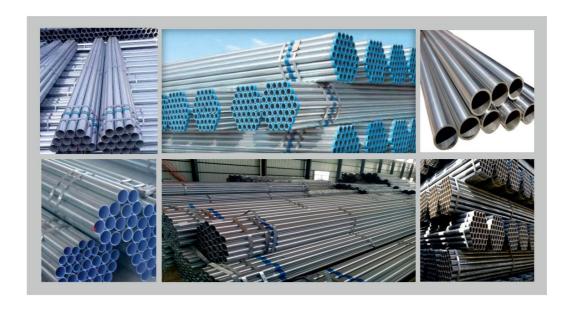


HYDRANT SYSTEM

GALVANIZED PIPE FOR FIRE FIGHTING APPLICATION

GALVANIZED PIPE

Galvanized steel pipe is the carbon steel pipe that are coated with a protective layer of zinc. The zinc layer served as a sacrificial layer, it will get rust before the carbon steel under neath it. Galvanized steel pipe include Two types: hot dipped galvanized steel pipe and cold galvanized steel pipe. Galvanized coating is designed to prevent corrosion and rust. It is also manufactured to keep other minerals, such as calcium, from building up on the pipes or bollards. It can last for years depending on the quality of the coating and the application.



Technical Data Specification				
NB	SERIES	OUTSIDE DIA. (mm)	WALL THICKNESS. (mm)	APPROVAL
25	Heavy	33.3	4.0	ISI
32	Heavy	42.0	4.0	ISI
40	Heavy	47.9	4.0	ISI
50	Heavy	59.7	4.5	ISI
65	Heavy	75.3	4.5	ISI
80	Heavy	88.0	4.8	ISI
100	Heavy	113.1	5.4	ISI
125	Heavy	138.5	5.4	ISI
150	Heavy	163.9	5.4	ISI











DRY POWDER



FILLING MACHINE

DESCRIPTION

Dry Powder Filling Machine is compatible to fill portable and trolley type fire extinguishers. By adopting vacuum fluidon-ics, filling machine sucks dry powder into the powder holder quickly and fill it in the container. This machine is compact, movable, easy to operate and pollution free. It can recycle dry powder in the fire extinguisher directly, thus reducing labour intensity and improving working environment. This machine is particularly applicable to the filling of dry powder fire extinguisher, and is also applicable to the filling of various powder products.

Filling machines have different applications and come in different types, sizes and forms. They all have one thing in common: They automate the filling operation which otherwise could be very time- and labor-consuming. They can streamline the process in a way that humans just can't compete with, helping you make the most of your production process.

DRY POWDER FILLING MACHINE













FIRE PUMP



DESCRIPTION

Fire pump is an essential lifeguard for all high buildings, apartments, hotels, hospitals, schools, shopping malls, supermarkets, warehouses, etc.

Fire pumps include end suction, horizontal split case and vertical turbine pump models canbe manufactured in skid mounted units. And the fire pump system can be used in fire hose system, fire alarm system, fire hydrantsystem and fire sprinkler sytem. The automatic air relief valve, gate valves, check valves, flexible joint, pressure switches, and pressure gauge are mounted on their respective pipes. If required, additional piping, pressure tank, valves and sensing lines are available as well.

FIRE PUMP













SAFE PRO



PACKED DRINKING WATER

SAFE PRO has always believed in its promise of providing safe, pure & healthy packed drinking water to consumers. Every drop is safe, pure and hygienic to the core mixed with added minerals and meets the quality guidelines. SAFE PRO WATER is available in 200 ml, 500 ml, 1L and 20L sizes.

AVAILABLE SIZE :-				
1 LTR	20 LTR	200 ML	500 ML	







500 ML









CM/L: 7800091571











SAFE PRO

CORPORATE OFFICE:



Tower 1, Kohinoor Commercial City, Kurla West, Mumbai - 400 070

MARKETING & SALES:



Tower 1, Kohinoor Commercial City, Kurla West, Mumbai - 400 070

SAFE PRO FIRE MALL:



16-B, Kurla Industrial Estate, Ghatkopar West, Mumbai, Maharashtra- 400 086

MANUFACTURING UNIT:



Safe Pro House: Village Pogaon, Taluka Bhiwandi, District, Thane - 7421 302

INDUSTRIAL GAS FILLING PLANT:



Plot No. K-24, Vishnu Nagar, Digha M.I.D.C TTC Indl. Area, Navi Mumabi- 400 708.



SAFE PRO UNITS

SAFETYOLE

Manufacturing Units:

Safe Pro House: G- Type Building Gala Nos. G1 to G4, G7 to G12, on Plot bearing CTS7-Survey No. 19 to 23, 81/2, 82/3, 83/1, 103 & 107 in Village Pogaon, Taluka Bhiwandi, District Thane - 421 302



Registered Office:

16-B, Kurla Industrial Estate, N.S.S. Road, Ghatkopar West, Mumbai Maharastra - 400 086



Safe Pro Life Foundation

Shop No . 35, Ground Floor, 6 Wing, Building No. 3, Exotica, Kirol Road, Vidyavihar East, Kurla West Mumbai - 400 070



SAFE PRO LIFE FOUNDATION

DONATION NEEDED GIVE A LITTLE, HELPA LOT (FOR DONATION SCAN BAR CODE) lifefoundationsafepro@gmail.com



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