



Avinash

Fire Protection Systems Pvt. Ltd.

**SECURE
YOUR
WORLD
WITH US**



Fire Extinguishers

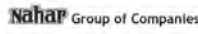
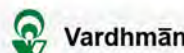


Sprinkler Systems



Gas Flooding System

OUR CLIENTS



OUR CERTIFICATIONS

11/2022, 5:04 PM

Print: Udyam Registration Certificate

भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम विभाग
Ministry of Micro, Small and Medium Enterprises

**UDYAM
REGISTRATION CERTIFICATE**

Our small hands to make you LARGE

UDYAM REGISTRATION NUMBER	UDYAM-FB-12-0014629		
NAME OF ENTERPRISE	M/S AVINASH FIRE PROTECTION SYSTEMS PRIVATE LIMITED		
TYPE OF ENTERPRISE *	MICRO (Based on FY 2020-21) (MICRO Based FY 2019-20)		
MAJOR ACTIVITIES	MANUFACTURING		
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL		
NAME OF ENTERPRISE	S.N.1: Udyam Aadhar Memorandum 1. PRE-2014/014	UDYAM FIRE PROTECTION SYSTEM PRIVATE LIMITED	Date: Name
OFFICIAL ADDRESS OF ENTERPRISE	State: SIAA	District: Ludhiana	Pin: 141014
	Village/Town: Ludhiana	Block: 29	Landmark: Ludhiana
	Road/Street/Lane: Ganga Enclave Road	City: Ludhiana	State: Punjab
	Post: 141014	Country: INDIA	Website: avinashfireprotection.com
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	27/08/2020		
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	27/08/2020		
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	Div: 28 NIC 2 Digit: 2829 Manufacture of other articles of plastic in primary forms NIC 4 Digit: 282909 Manufacture of other articles of plastic in primary forms, except sheets and films	NIC 5 Digit: 28290909 Manufacture of other articles of plastic in primary forms, except sheets and films, of other plastic materials	Activity: Manufacturing
	Div: 28 NIC 2 Digit: 2829 Manufacture of other articles of plastic in primary forms NIC 4 Digit: 282909 Manufacture of other articles of plastic in primary forms, except sheets and films	NIC 5 Digit: 28290909 Manufacture of other articles of plastic in primary forms, except sheets and films, of other plastic materials	Activity: Manufacturing
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Certificate of Registration

This is to certify that
Quality Management System of

AVINASH FIRE PROTECTION SYSTEMS PVT LTD
3/11 A, GURU GOBIND SINGH NAGAR, DABA ROAD,
LUDHIANA - 141014, PUNJAB, INDIA

has been assessed and found to conform to the requirements of
ISO 9001:2015
for the following scope:

DEALS IN FIRE FIGHTING EQUIPMENTS, FIXED FIRE INSTALLATION SYSTEMS, FIRE EXTINGUISHERS, FIRE HYDRANT SYSTEMS, FIRE SPRINKLER SYSTEMS, FIRE ALARM SYSTEM, GAS FLOODING SYSTEMS, MULTI FIRE SYSTEMS, FABRICATION OF FIRE TENDERS, TRAILER PUMPS, SAFETY ITEMS, PERSONAL PROTECTIVE EQUIPMENTS, WATER STORAGE TANKS, AVINASH ELECTRIC FIRE VEHICLES, FIRE MONITORING SYSTEM, FIRE TRACE TUBE SYSTEM, ROAD SAFETY ITEMS.

Certificate No: 22EQ1163
Initial Registration Date: 17/10/2022
Date of Expiry: 16/10/2025
1st Surve. Due: 17/09/2023
2nd Surve. Due: 17/09/2024

Signature: _____
Director

mms **EGAC** **IAF**
ISO 9001:2015
Certification
QMS & HRMS

Magnitude Management Services Pvt. Ltd.
B-35, Lower Ground Floor, Sector 82, Noida-201301, C.P. India
E-mail: info@mmsservices.com, website: www.mmsservices.com
* Subject to successful surveillance audits and non-conformances must be not allowed to be conducted, the
Certificate shall be suspended/withdrawn.
Certificate Validity: Please do not do trading of business as long as the certificate is valid.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and it will be



VISION

AVINASH FIRE PROTECTION SYSTEMS PVT LTD shall be a market leader and growing engineering organization dedicated to excellence through quality, creating value for customers, employees through innovation technology and operational expertise. we are technology driven company at our core with an overriding commitment to quality and services and our primary measures of success are customers satisfaction. it is our strategic vision to conduct business with highest standard of ethics as we always believe.

MISSION

Customer satisfaction is the highest priority. the company will make every effort to deliver the highest quality products and services in business. The company will develop new strategies and plans based on customer driven philosophy to gain the competitive advantage needed to meet our business objectives

VALUES

Integrity

We consistently demonstrate highest ethical standards in our actions. We honor our agreements and are HONEST in our communications.

Respect for People

We RESPECT, CARE and have DIGNITY towards all individuals and value our diversity as a source of strength.

Teamwork

We believe in TEAMWORK and the limitless possibilities of collaborative energy. We achieve excellence by putting COLLECTIVE GOALS ahead of personal interests. We support and encourage open communication and meaningful COOPERATION among colleagues from varying backgrounds and disciplines.

Our Alliance Partners ▼



STAINLESS STEEL FIRE EXTINGUISHERS

Stainless steel fire extinguishers are available in all sizes 1, 2, 4, 6 and 9 litre/kilos, for water, foam and powder models. In situations where interior design is an important consideration this range is the ideal solution. The corrosion resistant, polished stainless steel also makes them ideal for hostile environments.



	Capacity 2 KG	Capacity 4 KG	Capacity 6 KG
Design	Nozzle	Hose & Nozzle	Hose & Nozzle
Fire Rating	3A:55B	4A:144B	6A:183B
Height (Approx.)	440 mm	500 mm	550 mm
Diameter (Approx.)	100±10 mm	140±10 mm	150±10 mm
Average Discharge time	14 Sec.	18 Sec.	24 Sec.
Average Range of throw	2 m	3 m	5 m
Average % Discharge	93%	92%	93%
Operating Temperature	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C
Service/Max. service/Test Pressure	15 / 17 / 35 bar	15 / 17 / 35 bar	15 / 17 / 35 bar
Expelling Agent	Nitrogen (UHP Grade)	Nitrogen (UHP Grade)	Nitrogen (UHP Grade)
Full Weight (Approx.)	3.6 kg	6.4 kg	8.7 kg
Empty Weight (Approx.)	1.6 kg	2.4 kg	2.7 kg
Shipping Weight (Approx.)	3.7 kg	6.7 kg	9.1 kg
Packing Standard	2 in 1- 21"X6.75"X14.10"	2 in 1- 21"X6.75"X14.10"	2 in 1- 22.5"X6.75"X14.10"
Mounting Bracket	Wall bracket	Wall bracket	Wall bracket
Approvals	BIS & CE	BIS & CE	BIS & CE

ALL EXTINGUISHERS ARE RE-CHARGEABLE.

CARBON DI-OXIDE FIRE EXTINGUISHER



Avinash brand CO₂ fire extinguisher are manufactured as per IS:15683 (imported/Indian Seamless Cylinder) upto 45 kg. capacity, CO₂ type fire extinguisher are suitable for 'B' and 'C' class fires-inflammable liquids, gaseous and electrical fire, oil spillages etc. Ideal for live and delicate machines, flammable liquids and Gases.

Capacity	CO ₂ 2 Kg	CO ₂ 3 Kg	CO ₂ 4.5 Kg	CO ₂ 6.5 Kg	CO ₂ 9 Kg	CO ₂ 22.5 Kg
ISS No.	15683	15683	15683	15683	15683	15683
Extinguisher Media	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂
Capacity (kgs.)	2	3	4.5	6.5	9	22.5
Discharge Time(sec.)	9	14-20	18-24	11-23	13-45	20-60
Working Pressure (kgf/sq.cm.)	60	60	60	60	60	60
Dimension (mm) (dia)	108±10 mm	140	140	140	140	140
Dimension (mm) (wd)	350	350	350	350	350	350
Dimension (mm) (ht)	450	450	695	950	1250	1135
Operation Method	Upright	Upright	Upright	Upright	Upright	Upright
Charged Weight Kgs. (approx.)	12	12	18	20	33	66
Temperature range	-22 to 55	-22 to 55	-20 to 55	-20 to 55	-20 to 55	-20 to 55
Type of Fire	B and C	B and C	B and C	B and C	B and C	B and C
Discharge Hose	Bend Horn	Bend Horn	1 Mitr.min	2 Mitr.min	3 Mitr.min	3 Mitr.min
Discharge %	95	95	95	95	95	95

DRY CHEMICAL POWDER EXTINGUISHER



Dry Powder is a safe and Versatile Extinguisher ideally suited to high risk environment where the fire hazards are mixed. Dry powder used in Avinash Fire extinguisher are non-conductors of electricity. The body of fire extinguisher is powder Coated internally & externally for corrosion resistance and anti scratch.

Extinguishing Agent		Monoammonium Phosphate (MAP) (ABC Dry Powder)			
Suitable for Class		A B C			
Capacity (kg/lt.)	1 kg	2 kg	4 kg	6 kg	9 kg
Outside Diameter (mm)	86	108	150	160	180
Hose/Nozzle	Only Plastic Nozzle	Only Plastic Nozzle	PVC Hose with Nozzle	PVC Hose with Nozzle	PVC Hose with Nozzle
Design as per Standards	CE / EN-3 / IS:15683	CE / EN-3 / IS:15683	CE / EN-3 / IS:15683	CE / EN-3 / IS:15683	CE / EN-3 / IS:15683
Discharge - Quantity	More than 85%	More than 85%	More than 85%	More than 85%	More than 85%
Duration/Time (Sec.)	8 to 10	9 to 12	12 to 15	15 to 20	23 to 30
Range/Throw (Meter)	2 to 3	2 to 3	4 to 5	4 to 6	6 to 7
Operating Temperature (° C)	-10 to 55	-10 to 55	-10 to 55	-10 to 55	-10 to 55
Fire Ratings	1 A 8 B	1 A 8 B	1 A 13 B	2 A 21 B	2 A 34 B

WATER CO2 EXTINGUISHER

Extinguishing Agent	WATER	WATER
Suitable for Class	A	A
Capacity (kg/lt.)	45 lt	9 lt
Outside Diameter (mm)	300	180
Hose/Nozzle	PVC Hose with Nozzle	PVC Hose with Nozzle
Design as per Standards	CE / EN-3 / IS:16018	CE / EN-3 / IS:15683
Discharge- Quantity	More than 90%	More than 90%
Duration/Time (Sec.)	More than 30	More than 13
Range/Throw (Meter)	6 to 7	2
Operating Temperature (Celsius)	5 to 55	5 to 55
Fire Ratings	6:00 AM	3:00 AM



MECHANICAL FOAM EXTINGUISHER

Capacity	9 Ltrs	50 Ltrs	153 Ltrs
ISS No.	15683	16018	16018
Jet range (in mtrs.)	2	10	16
Jet maintain for minimum/sec.	25	60	60
Discharge time-sec.	25-90	60-180	60-180
Minimum % of discharge	95	95	95
Empty weight inKg.	5.5	34	96
Full weight in Kg.	14.5	84	231



FM-200/CO2 GAS FLOODING SYSTEM

Applications

Computer Suites, Telecommunications, Equipment, Remote Cellular Communications Cabins, Archive Stores, Control Centres



Technical Specifications

Chemical Structure	$\text{CF}_3\text{CHFCF}_3$
Molecular Weight	170.03
Boiling Point	2.55 F
Freezing Point	-204 F
Critical Temperature	215.0 F
Critical Pressure	422 psia
Critical Volume	0.0258ft ³ /lb
Heat of Vaporisation at Boiling Point	57 Btu/lb

SPRINKLER SYSTEM



UPRIGHT



VERTICAL SIDEWALL



CONVENTIONAL



SPRINKLER ALARM VALVE



DELUGE VALVE



HV SPRAY NOZZLE



HV SPRAY NOZZLE



WATER CURTAIN NOZZLE

FIRE HYDRANT SYSTEM



SHORT BRANCH PIPE
63MM & 38MM DIA



COUPLING
63MM & 38MM DIA



LANDING VALVE
63MM DIA



PRESSURE SWITCH



PRESSURE GAUGE



FIXED STAND POST
WATER/FOAM MONITOR



HOSE REEL
DRUM WITH PIPE



SHUT OFF NOZZLE



HOSE BOX
DOUBLE DOOR



FOUR WAY FIRE
BRIGADE CONNECTION



AUTO FLOW NOZZLE



LANDING VALVE
38MM DIA



TWO WAY FIRE
BRIGADE CONNECTION



HOSE PIPE 63MM DIA

FIRE DETECTION & ALARM SYSTEM



**SINGLE STATION
DETECTOR**



OPTICAL DETECTOR



**PHOTO ELECTRIC
DETECTOR**



HEAT DETECTOR



**WIRELESS ALARM
SYSTEM**



**FIRE ALARM
CONTROL PANEL**



HOOTER 24 VOLT



RESPONSE INDICATOR



**HAND OPERATED
SIREN**



**DOUBLE MOUNTING
SIREN**



EAZY BEAM DS



**WIRELESS ALARM
PANEL**



**4 ZONE AGENT
RELEASE PANEL**



REPEATER PANEL



**SOUNDER CUM
STROBE**



**MANUAL CALL
POINT**



**SINGLE MOUNTING
ELECTRICAL SIREN**



**ADDRESSABLE FIRE
ALARM SYSTEM**



**PIZZO / SIREN
220 VOLT**

SAFETY ITEMS



**FIRE PROXIMITY
SUIT**



**SELF CONTAINED
BREATHING APPRATUS**



SAFETY BELT



**EYE WASH SHOWER
CUM FOUNTAIN**



**EAR PLUG &
EAR MUFF**



SAFETY MASK



HAND GLOVES



SAND BUCKET



SAFETY HELMET



SAFETY GOGGLES



**FIRE BEATER
WITH BAMBOO**



**FIRE SAFETY
BLANKET**



EMERGENCY LIGHT



SAFETY SHOES



METAL DETECTOR



CONVEX MIRROR



**FIRE HOOK
WITH BAMBOO**



SAFETY CONE



FIRE BALL



FIRST AID BOX

FIRE FIGHTING VEHICLE



MEDIUM WATER TENDER



WATER TENDER



**LARGE WATER TENDER
WATER BAUSERS**



FOAM TENDER



**MULTI-PURPOSE
FOAM TENDER**



**REFINERY FOAM
TENDER**



**STANDARD DCP
TENDER**



**EMERGENCY RESCUE
TENDER**



FOAM NURSER TENDER



AIR CRASH TENDER



**WATER MIST SYSTEM
(QUICK RESPONSE TENDER)**



AERIAL PLATFORM

FIRE HYDRANT PUMPS & ACCESSORIES



JOCKEY PUMP



**DIESEL DRIVEN
FIRE PUMP**



**WATER MIST
MINI FIRE TENDER**



**PUMP FOR
FIRE TENDER**



**PORTABLE
FIRE PUMP**



TRAILER PUMP



SLUICE VALVE



BUTTERFLY VALVE



**COMBINED
CONTROL PANEL**



FIRE FIGHTING PUMPS



NON RETURN VALVE



**MAIN
CONTROL PANEL**

AUTO SAFE AUTOMATIC FIRE EXTINGUISHER

Auto Safe is an Automatic Extinguisher, which does not require any external source of power to operate. It can be utilized for local applications or total flooding of hazards. The Modular type Extinguisher is based on Sprinkler technology. Unlike the Sprinkler, the Nozzle is Gas-tight. The release temperature can be adjusted to suit prevailing conditions.

Available Capacity : 5 Kg & 10 Kg



FIRE FIGHTING ELECTRIC VEHICLE



MODEL NAME	AE RIKO UT
DIMENSIONS	L 109.2 X W 42 X H 68.89 INCH
MOTOR	1.5 KW BLDC
CONTROLLER	48V BLDC CONTROLLER
RANGE (AVERAGE ON FULL CHARGE)	60-70 KMS (LEAD ACID) 110-130 KMS (LITHIUM)
MAX SPEED	20-25 KMPH
BATTERY	SPEEDWAYS EV 48V/ LITHIUM ION 48V
LOADING CAPACITY	600 KGS
BED AREA	L5.5 X W3.2 X H3.5 FEET
TYRES USED	FRONT 4.5-10 REAR 3.75-12
BODY WEIGHT	525 KGS
SEATING CAPACITY	2
CHARGING TIME	8 HOUR ON LEAD ACID / 6 HOUR ON LITHIUM BATTERY
USAGE RECOMMENDATION	USED FOR 20 KM SURROUNDING AREA
GOVT. REGULATION ON EV (LAST MILE)	25 KMPH
VEHICLE AVERAGE	1 RS. PER KM
UNITS CONSUMED FOR CHARGING	7 UNIT
FRAME	MILD STEEL
BODY & FINISH	BODY: ABS
COLOUR	RED BODY WITH WHITE FRAME
KEY OR PEDAL START	KEY
SPEED CONTROLLER	THROTTLE
GEAR SELECTION	REVERSE / FORWARD
STEERING	HANDLE BAR
GROUND CLEARANCE	10.6 INCH

AVINASH ELECTRIC TECHNICAL SPECIFICATION

HOSE REEL – 02 no. hose reel of 30 mtr each length at the rear of the vehicle. The hose used for reels would of R2 type & rates for a min. of 250±2 bar working pressure.

PUMP – The pump shall be CE certified of 38-42 LPM at 100 bar capacity UDOR make (Made in Italy).

ENGINE – The PTO is driven by a close coupled HONDA GX 390/ Briggs Stratton (Made in Germany) Single cylinder 4 stroke gasoline engine having adequate power to deliver desired performance.

WATER & FOAM TANK – It will be of 400 L water capacity & 100 L foam capacity respectfully and constructed of fiber having a thickness of 5 mm.

WATER MIST GUN – The water mist high pressure gun EmilTec RL26 (Made in Italy).

FOAM MIST GUN –The foam mist high pressure gun EmilTec RL34 (Made in Italy) specially designed for use with foam and detergents

SAFETY ITEMS – Fire Extinguishers, Safety Items, Rescue Items.

APPROVALS & CERTIFICATIONS



ELECTRIC FOUR WHEELER FIRE FIGHTING VEHICLE



<u>PARAMETER</u>	<u>AVINASH E-FIRE VEHICLE</u>
DIMENSIONS	L12.5 X W4.75 X H6.66 Feet
MOTOR	13Kw AC
CONTROLLER	72V AC Controller with brake regeneration
RANGE	100 Kms Average on full charge
MAX SPEED	40-45 kmph
BATTERY	72v LEAD ACID
LOADING CAPACITY	1000 KGS
BED SIZE	L7.25 x B5.25 Feet
TYRES USED	165/80/D 12
VEHICLE WEIGHT	1000 Kgs
WHEELBASE	2150 mm
TURNING RADIUS	4400 mm
GRADEABILITY	15%
ENGINE POWER	13 KW
GVW (KGS)	1750
PAYLOAD	1000
ULW (KGS)	1000
CARGO BODY	L2200 W1500
WHEELBASE	2150mm
TCD (MM)	4400
LENGTH (MM)	3700
TYRES USED	165/80D12
GRADEABILITY	20%

Avinash : BENEFITS OF E-FIRE VEHICLE

- Cost friendly in comparison to existing options with similar specifications.
- Eco friendly – Zero carbon emission
- Cost friendly
- Running cost – 1 rs. Per kms.
- Maintenance free
- No major service required
- No additional training required to drive this vehicle
- Accessibility : Can enter the narrow roads, conjusted areas, vehicle lifts where large vehicles can not & can be transferred to accident spot by towing / lifting
- Battery life : 2-3 years for lead acid & 6-7 years for lithium ion
- Quick replacement of battery : 3 mins
- Can be refilled on the spot with any water tap



OUR ALLIANCE PARTNERS



INDIA'S FIRST FIRE MONITORING SYSTEM

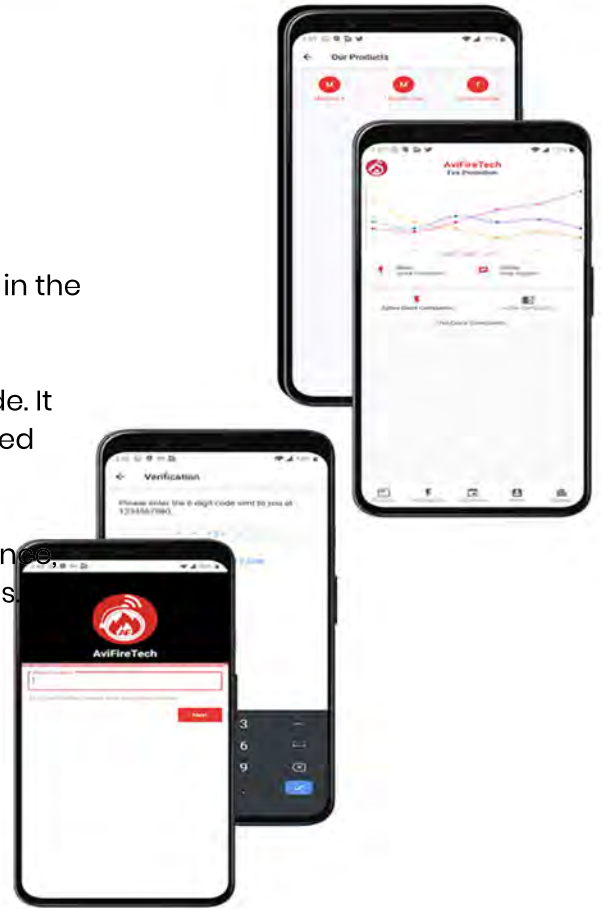


AVI FIRE TECH : OVERVIEW

- AFPS is introducing India's first App based central monitoring system for installed fire fighting systems.
- Speed and reliability are critical to getting the help you need in the event of an emergency.
- Avi Fire Tech offers a variety of monitoring services nationwide. It has earned a reputation for unsurpassed quality, sophisticated technology and 24 hour personalized services.
- Its licensed teams can provide design, installation, maintenance, repair and upgrade to serve clients' various monitoring needs.

Key Features :

- 24/7 Monitoring Of Fire Fighting System
- Effective Complaints Management
- Amc At Your Doorstep
- Product Catalogue
- Raise Machine Installation Requests
- 24/7 Online Help Support
- Raise Quick Complaints



Making every effort to deliver the highest quality products and services in the fire safety industry.



Avinash Fire Protection Systems Pvt Ltd

1. Head Office - 35/C/1 Street No 1 Daba Road GT road Ludhiana, Punjab
2. (UNIT-2) - 30/11A/1 Guru Gobind Singh Nagar Daba Road GT road Ludhiana, Punjab
3. (UNIT-3) - GLF industrial Estate Village, umedpur, Dehlon Road. Sahnewal, Ludhiana Punjab

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