

COMPANY PROFILE



MARS

FIRE & SAFETY

(INDIA) PVT. LIMITED

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Company Registration No.	55 – 74376
Permanent Account No.	AAACM6697E
Tax Deduction Account No.	M-4484-E (SCFI) /23 (1) / DLI
Sales Tax Registration No.	LC / 102 / 180891 / 0595
ST 37 Authorization No.	133902 / 0595
Employee's Provident Fund No.	DL / 21845
Employee's State Insurance No.	11 – 30958 – 101
Import Export Code	0502044608
Service Tax No.	DLI/ST/C&I/MARS/22/2003

BACKGROUND

MARS FIRE & SAFETY (INDIA) PVT. LTD. has been promoted in the year 1995. The main object of the company is to carry out the business of engineering consultancy and turnkey installation of Fire Protection & Safety Systems for industrial and commercial risks.

The company since then has grown into a full fledged organization offering wide range of specialized services including turnkey solutions to all the needs in the field of Fire Protection.

The company designs, supplies, installs, commissions, services and maintains an ever-growing range of Fire Protection Systems. In addition the company also offers all related services in the field of Fire Protection & Safety. Many MARS FIRE installations are protecting sensitive & high value equipment & plants, safeguarding them against FIRE ensuring uninterrupted operations.

The company is committed to remain at the forefront of the Fire Protection market and has kept pace with changes & technological advancements. We use computer-aided techniques to design & develop systems for specific needs and requirements of our clients. We ensure continuous growth & recognition as a leader in the Fire Protection industry.

EXPERTISE

PROJECT	CLIENT	PROJECT DETAILS
Fire Protection System for Power Plants	Alstom Exports (France)	6 x 30 MW DESU GasTurbines, New Delhi
	National Thermal Power Corp. Ltd.	6 x 210 MW Vindhyachal STTP (Teploelectroproekt Russia)
		3 x 200 MW + 3 x 500 MW Ramagundam STTP (Ansaldo Italy)
		3 x 200 MW + 2 x 500 MW Farakka STTP (Ansaldo Italy)
		4 x 210 MW Kahalgaon STTP (Teploelectroproekt Russia)
	Haryana State Electricity Board	1 x 210 MW Panipat TPP (Desein India)
Fire Protection Systems for 400 KV Power Transmission Sub Stations	Power Grid Corp. Ltd.	Sub-stations at Dadri, Kanpur, Mandola & Ballabgarh.
		Sub-stations at Jeypore, Indrawati & Rangali
		Sub-stations at Madurai, Trichur, Udmulpet & Salem
		Sub-stations at Madras & Salem
Fire Protection System for LPG Bottling Plant	Indian Oil Corp. Ltd.	Jamshedpur Plant
		Bhopal Plant
		Durgapur Plant
		Tikrikalan Plant
		Jalandhar Plant
	Bharat Petroleum Corp. Ltd.	Jaipur Plant

EXPERTISE

PROJECT	CLIENT	PROJECT DETAILS
Fire Protection Systems for LPG Recovery Plant	Gas Authority Of India Ltd.	Guna Plant (Engineers India Ltd)
Fire Protection Systems for Oil Storage Depots	Bharat Petroleum Corp. Ltd.	Mathura Depot
Fire Protection Systems for Oil Jetties	Cochin Port Trust	Cochin Offshore Oil Terminal
	Vizag Port Trust	Offshore Tanker Terminal
Fire Protection Systems for High - rise buildings	Indian Oil Corp. Ltd.	Noida Housing Complex
	Bharat Hotels Ltd.	Hotel & Commercial Center

The above Fire Protection Systems contracts have been executed by the director of MARS FIRE & SAFETY (INDIA) PVT. LTD. prior to its formation.

ACTIVITIES

- RISK ANALYSIS

The services offered include original feasibility report, risk study, hazard classification, fire protection system requirements and conceptual layouts in accordance with specified codes. The reports include the financial aspects i.e. cost involved and the benefits available such as insurance rebates etc.

- SYSTEM DESIGNING

The services offered include development of detailed drawings, general arrangement drawings, layout drawings, isometrics and construction drawings. These drawings shall have all back up documents such as complete calculations system write-ups, component selection criteria, technical data sheets, material take off, installation and testing procedures, operation and maintenance manuals etc. All mechanical, civil, electrical and instrumentation requirements related to systems selected shall be suitable documented for proper implementation during execution. Approval of the system designs shall be obtained from principal consultants, TAC and other statutory bodies.

- PROJECT PLANNING & IMPLEMENTATION

Specialised services of experienced engineers are available in this critical area. The services include complete project planning, implementation and execution. Schedules, PERT are made on the basis of critical path of various activities and are implemented by finalisation of input parameters, system design, detailed engineering, procurement, erection, testing and commissioning etc. including proper monitoring, coordination and timely completion. We also offer services of Supervision of erection, testing and commissioning and approval of sophisticated Fire Protection Systems installed by other agencies.

- SYSTEM APPROVALS

Efficient and cost effective services are offered for obtaining approval of the installed system by TAC for claiming insurance rebate / benefits. This includes organisation of the inspection by insurance company engineers during the erection stages as well as during the performance demonstration of the installed system.

ACTIVITIES

· RENOVATION & EXPANSION OF EXISTING / OBSOLETE SYSTEMS

Expert advice and services are offered for the augmentations required in case of renovation / expansion of the existing / obsolete fire protection facilities to meet the requirements of the applicable codes and standards in a cost effective manner including TAC approval and insurance rebate / benefits.

· SERVICE & MAINTENANCE

The services are offered to ensure round the clock uninterrupted performance of the installed Fire protection System by providing high class of preventive maintenance to reduce the chances of breakdown & discontinuity. Trained, skilled & qualified staff is deputed to look after the specific system needs & requirements. Necessary tools & spares are made available for immediate repairs. We ensure that the systems are maintained in a state of permanent readiness to encounter any eventuality.

· TRAINING

Specialized services of experienced engineers & technicians are available to train the plant staff in operation & maintenance of the sophisticated systems. We believe that there is no substitute for hands-on learning. In case of any emergency the trained people can make best use of the installed systems in extinguishing the fire. All programmes are conducted by latest audio-visual presentation equipments and necessary printed material is provided for future reference.

MAJOR SYSTEMS & APPLICATIONS

- HYDRANT SYSTEM

Back bone of fire protection systems. Pressurised piping network around blocks with hydrants & hoses. Essential for power, petrochemical, fertilizer, textile, automobile, paper plants and similar commercial & Industrial risks

- AUTOMATIC SPRINKLER SYSTEM

Fixed piping system with ceiling mounted sprinklers operates at preset temperature. Suitable for stores, warehouses, high rack storage, textile plants, rubber industry and other similar hazards

- MEDIUM VELOCITY WATER SPRAY SYSTEM

Automatic Deluge operated water spray system with automatic detection. Suitable for fires involving liquids with flash point below 65 deg C such as LPG plants, storage tanks, cable vaults, storage sheds, bullets & spheres.

- HIGH VELOCITY WATER SPRAY SYSTEM

Automatic Deluge operated water spray system with automatic detection. Suitable for fires involving liquids with flash point 65 deg C & above such as transformers, lube oil tanks etc.

- FIXED FOAM SYSTEM

Low, medium or high expansion foam for cooling & choking effect for extinguishing fire in tank farms, aircraft hangers, chemical & petro-chemical industry.

- FIRE DETECTION & ALARM SYSTEM

Detectors, sensors, control panels and associated cabling for early warning by detecting fire in incipient stages. Suitable for EDP rooms, hotels, commercial complexes, control rooms, storage rooms etc.

- CARBON DI-OXIDE FLOODING SYSTEM

Automatic flooding & extinguishing by displacement of air with automatic detection. Suitable for paint spray booths, drying ovens, EDP installations, indoor transformers, coal silos etc.

MAJOR SYSTEMS & APPLICATIONS _____

- DRY CHEMICAL SYSTEM

ABC, AB or metal powder stored in containers & discharged through nozzles & expellant on automatic / manual detection. Suitable for abrupt extinguishing such as chemicals industry, engine test beds, gas & chemical tankers.

- CLEAN AGENT SYSTEM

Automatic flooding & extinguishing agent such as FM 200. Environment friendly replacement for Halon & CO2 systems.

- PORTABLE & MOBILE EXTINGUISHERS

Water, CO2, chemical & foam type portable & mobile extinguishers for local applications to extinguish fire in early stages. Essential in factories, warehouses, offices, vehicles, ships, aircrafts, buildings.

- MARINE FIRE PROTECTION SYSTEMS

Integrated system for ports - tower mounted remote controlled water / foam monitors, jumbo curtains etc. Suitable for LPG / hazardous material terminal, bulk, container & cargo terminals, off-shore & on shore facilities.

MAJOR PROJECTS

• AUTOMOBILE PLANT	- DAEWOO MOTORS (INDIA) LTD SURAJPUR (UP)
• TEXTILE PLANT	- PASUPATI FABRICS LTD MATHURA (UP)
• CHEMICAL PLANT	- VAM ORGANIC CHEMICALS LTD GAJRAULA (UP)
	- JUBILANT ORGANOSYS LTD GAJRAULA (UP)
• FERTILIZER PLANT	- NATIONAL FERTILIZERS LTD GUNA (MP)
	- OSWAL CHEMICALS & FERTILIZERS LTD PARADEEP (ORISSA)
• LUXURY HOTELS	- SIDDHARTH HOTEL NEW DELHI
	- HOTEL VASANT CONTINETNAL NEW DELHI
• COMMERCIAL ESTABLISHMENT	- STANDARD CHARTERED BANK NEW DELHI
	- SOUTH INDIAN BANK LTD NEW DELHI
• PETROCHEMICAL INDUSTRY	- MANGALORE REFINERY & PETROCHEMICALS LTD MANGALORE (KARNATAKA)
	- INDIAN OIL CORPORATION LTD FARIDABAD (HARYANA)
• POWER PLANT	- DLF CEMENT LTD BEAWAR (RAJASTHAN)
• ELECTRONICS INDUSTRY	- JCT ELECTRONICS LTD MOHALI (PUNJAB)

MAJOR PROJECTS

• PORTS	- VISHAKHAPATTANAM PORT TRUST VISHAKHAPATTANAM (A P)
• STEEL PLANT	- ESSAR STEEL LTD HAZIRA (GUJARAT)
• D G POWER PLANT	- BSES LTD PORT BLAIR (ANDAMAN & NIKOBAR)
• OIL REFINERY	- INDIAN OIL CORPORATION LTD PANIPAT (HARYANA)
• RESEARCH LABORATORIES	- NATIONAL AEROSPACE LABORATORIES BANGALORE (KARNATAKA)
• TELECOM SHELTERS	- POWER GRID CORPORATION LTD NEW DELHI

MAJOR CLIENTS

- ABB LIMITED
- ARTSON ENGINEERING LIMITED
- CIMMCO BIRLA LIMITED
- DAEWOO MOTORS (INDIA) LIMITED
- DLF INDUSTRIES LIMITED
- INDIAN OIL CORPORATION LIMITED
- JAYPEE INDUSTRIES LIMITED
- JCT ELECTRONICS LIMITED
- JUBILANT ORGANOSYS LIMITED
- LLOYD INSULATIONS (INDIA) LIMITED
- PASUPATI FABRICS LIMITED
- SOUTH INDIAN BANK LIMITED
- STANDARD CHARTERED BANK
- VAM ORGANIC CHEMICALS LIMITED
- TRANS REF AIRCON LIMITED

**THIS BROCHURE IS AN INTRODUCTION TO
OUR COMPANY.**

**IT CANNOT COVER EVERY ASPECT OF OUR
BUSINESS ACTIVITIES.**

**IF YOU REQUIRE FURTHER INFORMATION DO
NOT HESITATE TO ASK US.**