

# MIES

MEHRAN ENGINEERING SERVICES

**One stop shop for complete MEP Solution,  
EPC contracting, and much more**



**Office Address:**  
Plot # WSA-32, Block-14, F.B. Area, Karachi



**Workshop Address:**  
Plot # CI/7-8, Sector 16-B, Block-22,  
North Karachi



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## About Us

Mehran Engineering Services (MES) is an expert engineering and contracting firm which focuses on the provision of standard industrial practices to its valuable clients. We have on board experienced professionals in the field of Electrical and mechanical sectors, having wide experience and industry knowledge for the design and execution of complete Mechanical, Electrical, Plumbing solutions and civil solutions

We at MES believes in sustainable growth with win win situation for our clients, contractors and our work force. For that we care fully monitor and reinforce our processes

MES is continuously expanding in the services industry and our vision is to become market leader in field of integrated MEP service provider.

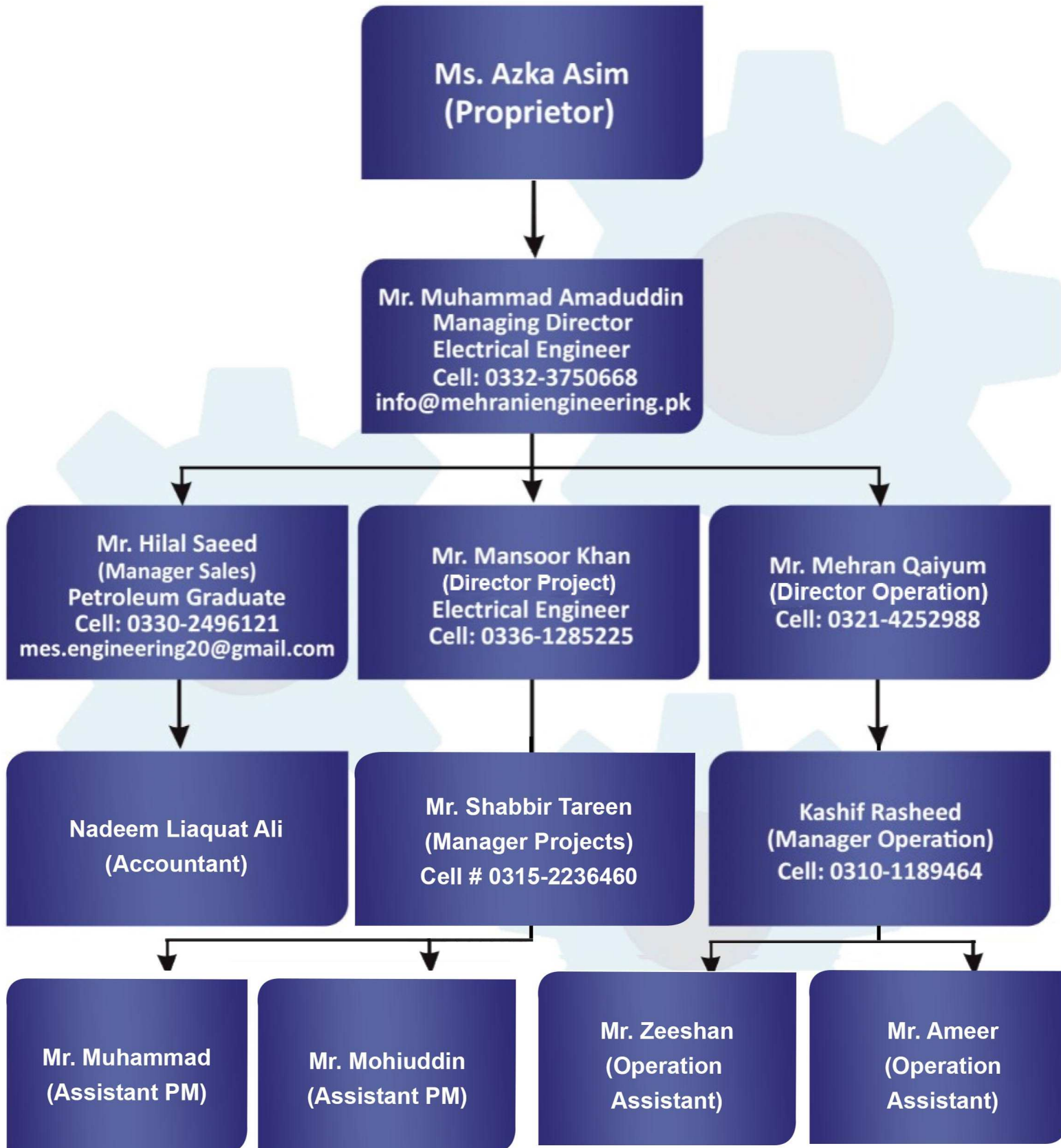
## What we do?

MES has diversified services portfolios and we are operating in following fields:

- Manufacturer of Electrical panels for a wide variety of Industrial, Commercial & Residential Applications.
- Complete solution for installation, commissioning & maintenance of electrical system including MV switch gears, LV switch gears, PFI panels, MCC panels, Motors etc.
- All types of electrical system design and installations, such as substations, panels, transformers, motors, generating stations, overhead and underground lines etc.
- Fire/Safety system design, installations, audits & Technical Trainings
- HVAC complete system design and installations,
- Constructions of new offices, buildings, warehouses and structure, renovations and remodeling.
- Consultancy for new K-Electric connections and for reinforcements of existing systems.



# Organogram



## QHSE Policy

The Top Management of Mehran Engineering Services are committed to ensuring compliance with all relevant statutory requirements and to continually improve health, safety and environmental standards throughout all their scope of business i.e. designs, Sales & installation of MEP Products, Projects & equipments.

This shall be achieved through the ongoing process of risk assessment, by ensuring that all machinery, plant, work equipment and materials are safe to use and well maintained and by the provision of information, instruction, training and supervision of all employees, in order to ensure their competency to undertake their work safely and conserving the environment.

We recognize the need For all employees to accept ownership of health, safety and environment and to work as a team to ensure high standards of HSE are maintained at all times.

This policy sets out the Company's organization and arrangements to ensure HSE risk management

Signed:                     SD                    

Dated:                     5-5-2021                    

**Muhammad Amaduddin**  
**Managing Director**

Initial Date of Registration in PEC: Feb 19, 2021



Scan QR code to view details.



Serial No. **496446**  
PEC-11

**PAKISTAN ENGINEERING COUNCIL**  
Licence No: **75811** Category: **C6** Validity: **30 June, 2022**  
**LICENCE OF PAKISTANI CONSTRUCTOR/OPERATOR**  
(Under the bye-laws of Pakistan Engineering Council 1987)

The firm will bid individually and not in competition with for the same project.

This is to certify that M/s **MEHRAN ENGINEERING SERVICES** (Licencee), with its registered office at **WSA-32, BLOCK-14, , F.B AREA CENTRAL GULBERG TOWN KARACHI** have been licenced under Construction and Operation of Engineering Works Bye-laws 1987, until the validity date to construct/operate engineering works, the construction/capital cost of which does not exceed Rs. **25 (TWENTY FIVE) million** provided the licencee fulfils all the qualification requirements prescribed by Client or Employer for a particular engineering work; and subject to the licencee continuing to fulfill all the requirements of the bye-laws.

Field of Specialization **EE02 - EE04 - EE06 - EE11 (Solar Energy system) - EE11 (General Electrical Works Only) - (FIVE ONLY)** (Specialization Code Nos. for detail see overleaf)

Date of Issue: **Feb 19, 2021**  
(Karachi)



Registrar  
Pakistan Engineering Council,

- Not valid for renewal.
1. If a firm does not get renewal of its license within a year after expiry of its license, the firm may be renewed after payment of outstanding fee if entire defaulting period plus surcharge at the rate of 5% of defaulting fee amount, or as prescribed from time to time.
  2. The employer must ensure employment of engineers whose names are mentioned on backside of the licence. The Consulting Engineer (the Engineer Incharge in case the consultant is not appointed) shall monitor the number of engineers employed by the Constructor/Operator and inform the Council accordingly.
  3. Owner(s) of the firm shall be held responsible, if any information, document or paper submitted by him/them is found incorrect or forged.

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*M. M. Khan*  
19/02/2021

## TAXPAYER REGISTRATION CERTIFICATE

(Under Section 181C of the Income Tax Ordinance 2001)

Registration No. 4210183884618



4210183884618

Date of Registration 03-May-2018

Type of Person Individual

Name AZKA ASIM

Address WSA-32, Block-14, F.B Area Karachi, Karachi Central Gulberg Town

Tax Office RTO-II KARACHI

Activity Type Business

# Inland Revenue Service

**This is a computer generated certificate and,  
hence, no signatures are required.**

Displaying of Taxpayer Registration Certificate is mandatory as provided under section 181C of Income Tax Ordinance 2001.

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C) of sections 2 and 181A of the Income Tax Ordinance 2001.



Date of Print 14-Nov-2020

## Manufacturer of Low Voltage Electrical Panels

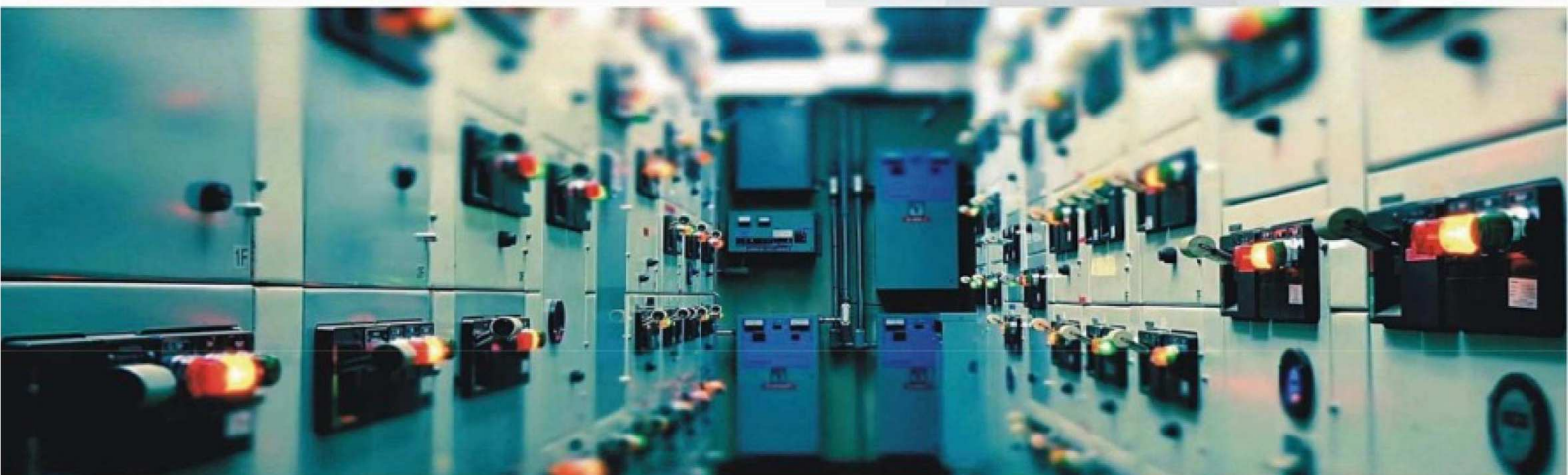
MES manufactures a wide variety of electrical panels for different industrial, commercial and residential applications. Apart from manufacturing standard equipment's; MES also designs and manufactures customized equipment's as per client's requirement. These equipment's are manufactured at MES workshop.

### Product That We Offer

MES proudly presents following electrical equipment's that are manufactured and assembled in our workshop:

- 1) LT switchgears
- 2) DB Panels
- 3) Light Distribution Boards (LDBs) (Auto/Manual)
- 4) Motor Control Centers (MCC)
- 5) Synchronizing panels
- 6) Power Factor Panels (PFI Panels)
- 7) ATS/ Manual Change over Panel
- 8) Feeder pillar panel
- 9) Phase Changers
- 10) Junction Box
- 11) Inverter drives, VFD
- 12) Bus tie duct Imported/ME manufactured
- 13) Cable tray
- 14) Cable ladder

Complete product profile may be downloaded from [mehranengineering.pk](http://mehranengineering.pk) or by writing to [info@mehranengineering.pk](mailto:info@mehranengineering.pk)





# Maintenance of MV/LV Panels, Transformers and Complete Electrical System

MES provides complete solution for maintenance of all types of MV/LV panels. In addition to this, **MES offers quarterly and yearly** maintenance plan that covers all aspects that are required for proper maintenance of the electrical system. Our professionally trained and experienced staff provides onsite maintenance services of MV/LV Switch gears, transformers, PFI panels, MCC, DBs etc.



## Diesel Gensets Services

MES offers all types of Services related to Diesel Gensets. Whether the genset is used as Primary Power source or for back up supply, MES will take care of your asset ensuring optimal performance and reliability. MES has been working on the services of industrial, commercial & residential gensets for many years.

We have experienced professional team that is associated with the power industry for more than a decade, our 24/7 service team provides a one call solution to our clients. We have engineered over the years the science of maintaining gensets and we know exactly what your machine needs. We offer following services for all ratings of Diesel Gensets.

### **Installation, Commissioning & Startup of New/Old Diesel Gensets**

MES provides complete solution for installation, commissioning & startup of new /old diesel gensets. Installation of generator includes initial site visit to validate the position where generator would be placed, guiding client for making Pad of right size and of correct strength as per Generator size and weight. This leads to placement of generator, installation of fuel system and genset's auxiliary equipment.

Commissioning of generator includes the processes that assure that the systems and components of the Gensets are installed and tested as per manufacturer's recommendation. MES professional team provides best commissioning services for all rating of Diesel Gensets.

Following a successful commissioning process, genset is started and put on desirable load while maintaining physical parameters as per manufacturer's recommendation. The genset is tested and handed over to client for onward operations

### **Operation & Maintenance of Diesel Gensets**

MES offers operation services for all rating of Diesel Gensets. Our trained staff will operate your machinery and will maintain the logs necessary for optional performance. Our trained staff has many years of experience in operating diesel gensets in all major Industrial/Commercial sectors.

Maintenance of Diesel Gensets is a specialized job for which MES proudly offers a comprehensive & customized maintenance plan fulfilling client's requirement and assuring genset's reliability and efficiency. Maintenance plan includes all procedures that are recommended by the manufacturer as well as MES additional procedures that we have learnt to perform based upon our experience over the past years working in the Power industry.

## **Trouble shooting & fault rectification of Diesel Gensets**

Troubleshooting & fault rectification of Diesel Gensets are the two most important features of MES services. Our specialty remains providing our clients the quickest solution enabling them to have a reliable source of power 24/7. Our troubleshooting services have been successfully gaining clients trust over the years and we have developed a pool of experienced professionals that are well versed with the trouble shooting and fault rectification techniques that ensures minimum downtime.

## **Minor/Major Overhauling of Diesel Gensets & Alternator Maintenance**

MES has dedicated team for overhauling of diesel gensets. We provide facility for overhauling of gensets at client's place or our own workshop. Generators are overhauled at intervals defined by the manufacturers to replace old and wore trodden parts with new one to increase the reliability of the engine. Our team is equipped with the right equipment for overhauling complete genset maintaining the integrity and genuineness of the machine. it is the most difficult maintenance jobs and is purely technical.

## **Spare Parts**

MES offers best prices for Gensets spare parts. We ensure that only genuine parts are delivered to our clients at the most reasonable price.





## **MV/LV Electrical System Design & Execution For Residential-Commercial-Industrial Consumers**

Our hands-on experience with the legacy to deliver critical solutions has provided us dominating edge to our competitors. Our team is updated with new technologies and solutions that are compatible to international standards also

We offer design, erection, commissioning and start-up of complete MV/LV electrical system for Residential-Industrial-Commercial electrical load based on customer demand and existing or planned electrical distribution system

For KE new connection consultancy services you can consider MES as one of the most reliable options when it comes to get your demand sorted out and approved as per KE NC policies & procedures along with complete execution in both full paid & self-finance schemes

## Building Fire Safety

MES can help you in the scope of small to medium MEP & Civil renovation services where you need it to be done safely and according to PEC Fire Safety Provisions and related NFPA Fire Safety Regulations. We are expert in the field where renovation and construction is required in a running facility or when you require to shift your work premises to a new location. We can provide you such services with minimum of disruption, caters stringent timelines and provide you one window operations that is from Electrical, Civil, Mechanical/Plumbing and Fire-Safety-Security perspectives.

Our services in this area include but are not limited to the following:

- Structural Fire Safety
- Technical Fire Safety
- Operational Fire Safety
- Defensive Fire Safety
- Electrical Safety
- Health Safety & Environmental Management

Call us now to take advantage of one window, integrated safety solutions that includes all MEP and civil works.



## Road Safety

Roads can be a very dangerous place to be, especially when there are little things to compliment safe driving behaviors such as no signs, barriers and markings.

MES specializes in the road safety and traffic management solutions i.e. design and installation of road studs, all types of road safety signs, Guard Rails, road markings, speed breakers, pedestrian and traffic pathways and parking/loading bays etc.

If you feel that your facility roads are non-responsive and traffic needs to be managed to avoid accidents, please call us. Our specialists will visit your site and provide you best possible solutions!



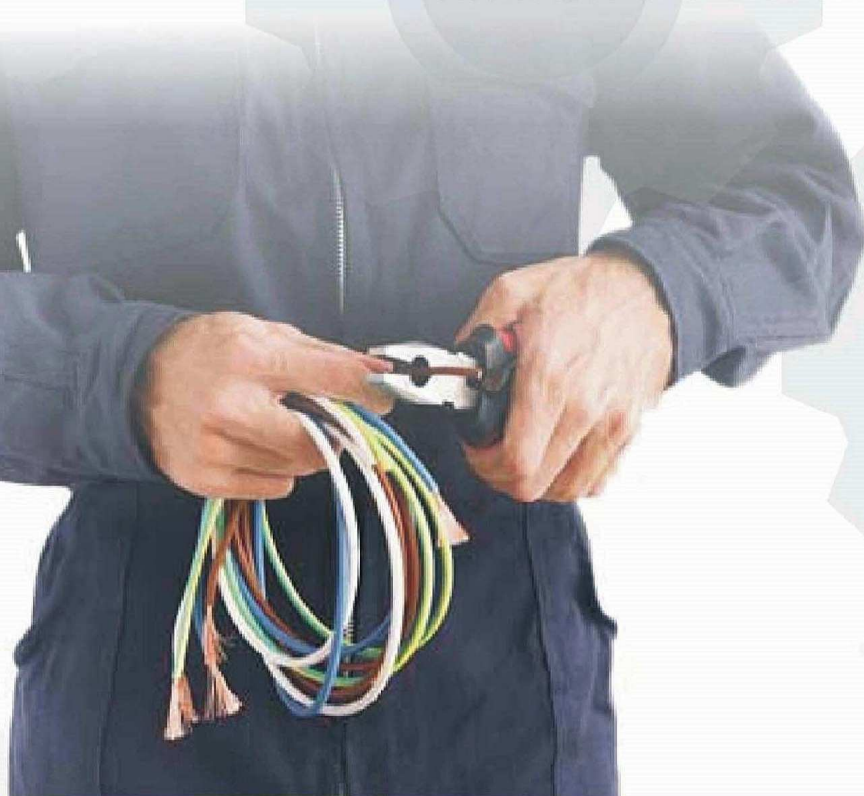
## Electrical Energy Audit

MES is committed to provide complete energy audit of industry, commercial or residential premises. We offer following:

- Study for Effective Utilization of Tariff Structure
- Percentage Loading of Motors
- Evaluation of Compressed Air
- Refrigeration
- Cooling Water Systems
- Illumination Levels in Lighting Systems

General Energy Saving Potential Areas to be identified for energy conservation:

- De-rating Of Blowers / Fans
- Control Mechanism
- Application of Motor Controllers
- Sizing of Pumps
- Usage of TOD/TOU Tariff Etc.
- Service & Maintenance of Power Factor Improvement plants.



## Safety Trainings

Health, Safety & Fire trainings are essential components of organizations leading KPI's and must part of regulatory compliance. Further it is essential for the organizations sustainability to efficiently perform a training need analysis and effectively run a training plan.

Whether or not employees are highly educated, equipped with best knowledge and have well documented procedures & policies, these trainings/refresher trainings are excellent tools to remind them of their responsibilities and keep them up to date with industry standards.

We at MES provide you with tailor made training package which can suit almost any type of training program and suit any cadre of employees. All programs are delivered by qualified and highly experienced trainers to meet the preset program objectives.

Our training range consists of (but not limited) to following training programs.

- Process Safety Management (DuPont)
- Behavior based Safety
- Construction Project Kick off Sessions.
- Construction Safety.
- Scaffold Safety
- Mobile Crane Safety/ Critical Lift Planning
- Forklift Safety
- Basic Fire Fighting and Emergency Response.
- First Aid with CPR
- Defensive Driving
- Electric Safety as per NFPA 70E
- Respiratory Protection
- Regulatory Compliance for Occupational Health, Environment and Safety.
- Work at Height





## Fire Systems Design & Installation

Our systems are designed as per NFPA or relevant BS Standards and comply international requirements for life safety, insurance and local legislations. All our devices are UL listed and approved NFPA and FM Global.

The installation, testing and commissioning is performed by highly skilled staff as per standard requirement and we offer trouble free offer sales services to our valuable clients.

The system includes complete design, supply, installation, testing and commissioning of Fire Alarm systems, public address systems, CCTV, water based fire suppression systems and Gas (FM-200, CO-2) suppression systems



# Our Clients



**Silk Bank Limited**  
(Fire Hydrant System Installation)

**Al-Nahdi Residency**  
(Installation of Fire Hydrant System)

**Al Rauf Builders**  
(Design & Installation of Fire Hydrant System)

**Asian Continental (Pvt) Ltd.**  
(Design & Execution of Fire Alarm System)

**Fatimid Foundation**  
(Installation of Fire Alarm System)

**Magnacrete (Pvt) Ltd.**  
(Design & Installation of Fire Suppression System)

**Zainish Industries (Pvt) Ltd.**  
(Industrial Floor Marking in Warehouse)

**Paxar Pakistan (Pvt) Ltd.**  
(Industrial Floor Marking in Factory)

**Peerani Holding Agility Warehouse, Port Qasim**  
(HT Bulk Supply S/S, Installation of 03 No's VCB, Installation of Transformers 02 No's 250 kVA & 02 No's 200 kVA Transformer)

**Pioneer Foods**  
(Energy Consultancy, Design & Execution of 1MW Substation)

**Aligarh Society Sector Pa-2, 9a-1, 5-B & 5-A**  
(12 No's Two room Sub-station, Load 5MW)

**Khadija Edible Oil Mill at Port Qasim Terminal**  
(Installed 500kVA Transformer, HT Cable laid 05KM)

**Hansa Society(sector 36,A/2)**  
(Construction of Sub-station)

**Coca Cola Company Port Qasim**  
(Installed 03 No's VCB, 02 No's 1500kVA Transformer and HT Cable laid 1800 Mtr.)

**National Industrial Park**  
(Supply & Installation of 92 Street Light Poles 9Mtr height)

**Hydro China**  
(Supply & Installation of 16kVA Direct Online UPS)

**Private Client**  
(Supply & 15.5x02 KW standalone Solar System)

**Peerani Holdngs**  
(Electrification of 01 Sub-station)

**National Industrial Palk**  
(supply & installation of 192 lighting poles , height =09meters)

**Toyota Estern Motors .**  
(Maintenance of Substations)