

KINETIC ENGINEERING Company

Exploring New Possibilities

AUTOMATION | SWITCHGEAR | MECHANICAL | HVAC | FABRICATION

INTRODUCTION

Kinetic Engineering is one of the most respected names in the industry as an end-to-end solutions provider of industrial automation, mechanical engineering and building management systems.

We integrate mechanical and electrical engineering, building management systems (BMS) and automation services so that our expert engineering solutions are one-stop, long-term and forward-focused.

We align ourselves along the customer's value chain, providing end-to-end services in the following broad spectrum:



Machine Upgration



HVACR



FABRICATION & PIPING



SOLAR SYSTEM



INSTRUMENTATION

OUR MISSION

To deliver cutting-edge industrial solutions through integrated engineering, fostering sustainable growth and innovation.

OUR VISSION

To be the undisputed industry leader, driving global progress in engineering and automation by consistently exceeding expectations, pioneering transformative solutions, and setting new benchmarks for excellence.

OUR VALUES

- ▶ Innovation
- ▶ Integrity
- ▶ Collaboration
- ▶ Sustainability
- ▶ Excellence
- ▶ Adaptability
- ▶ Empowerment
- ▶ Resilience

Our Markets

Catering to a broad spectrum of industries, we deliver customized engineering solutions that boost efficiency and innovation. Our offerings address the distinctive needs of each sector, ensuring a continuous stream of cutting-edge solutions for lasting success.



Textile



Defence



Pharmaceutical



Manufacturing



Energy



Automobile



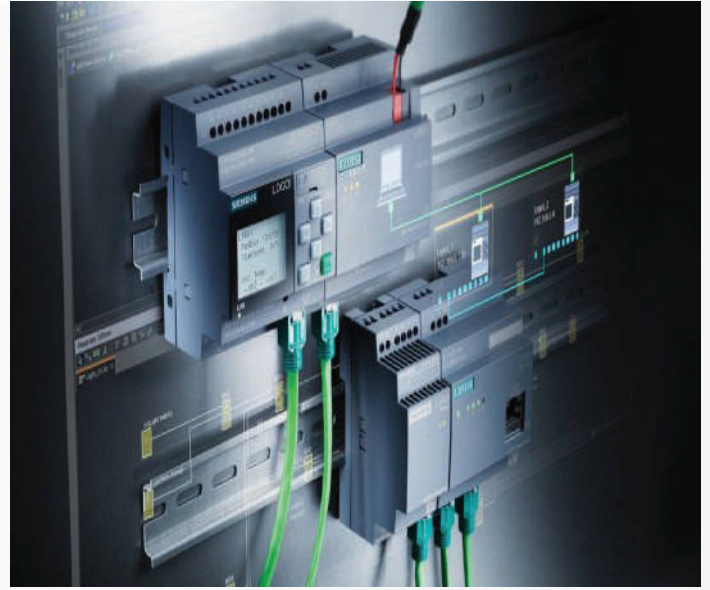
Health



PROCESS AUTOMATION

We provide engineering services to various industries, including Pharmaceutical, Chemical, Packaging, Automotive, Textile, Food and Beverage, Battery Manufacturers, Cement and Petrochemical industries. Our services range from complete plant and machinery installation and commissioning service, automation system design, PLC and HMI Programming, field wiring, calibration, start-up tests, upgradation of obsolete controls, troubleshooting, field maintenance and electronic repair of industrial controls.

Our project division is capable of design, commissioning, procurement, and maintenance of turnkey automation projects.



- ▶ Pre-Commissioning Activities
- ▶ Control Systems Integration
- ▶ Electrical Installation & Supervision
- ▶ DCS/SCADA Installation & Commissioning
- ▶ PLC Installation & Commissioning
- ▶ On-site Program Development
- ▶ Program Optimization & Customization
- ▶ Network & Communication Support

OPERATION & MAINTENANCE SERVICES



- ▶ Plant / Process supervision
- ▶ Production Support
- ▶ Monitoring, Support & Reporting
- ▶ Plant Stabilization & Optimization
- ▶ Production & Plant Maintenance
- ▶ Modification & Troubleshooting
- ▶ Annual Maintenance Contract
- ▶ System Health Check-Up

FULL RANGE OF AUTOMATION SOLUTION

We develop and implement solutions for multiple industries and applications with seamless integration of safety systems to ensure stable plant operations. We offer customized solution of automation.

Pharmaceutical

- ▶ Modification of Cartoner Machines.
- ▶ Modification of Labelling Machines.
- ▶ Modification of Filling Machines.
- ▶ Modification of Blender Machines.
- ▶ Modification of Manufacturing vessels.

Oil & Gas

- ▶ Instrument Calibration.
- ▶ Storage Tank Level Gauging system.
- ▶ Modification of Compressor .
- ▶ Wellhead Monitoring System.
- ▶ Modification of Electric Panel

Textile Industry

- ▶ Modification of Sanforising Machine
- ▶ Modification of Stenter Machine.
- ▶ Modification of Mercerize Machine.
- ▶ Modification of Sizing Machine.
- ▶ Modification of Singing Machine.
- ▶ Modification of Finishing Machine.

Automobile Industry

- ▶ Modification of Assembly Line.
- ▶ Tank leakage detection system.
- ▶ Automation Solution for Paint, welding and press line.

Marine Industry

- ▶ Refurbishment of Portal crane.
- ▶ Refurbishment of Motor.
- ▶ Modification of Control Panel.

Energy Management

- ▶ Modification of RO Plant
- ▶ Modification of DI Plant
- ▶ Utility Monitoring System
- ▶ Flow meter and data recording.
- ▶ Level Monitoring system.

Energy Management System

Our state-of-the-art Industrial Energy Management System is designed to effectively identify and analyze potential energy savings across a spectrum of consumption categories, including electricity, water, and gas. This comprehensive solution empowers businesses to optimize their energy usage, fostering efficiency and sustainability across industrial operations.



Electricity
Meter



Gas
Meter



Water
Meter



Thermal
Meter



Diesel
Meter



Waste
Meter

FIELD CALIBRATION SERVICES

Kinetic provide service On site Field Calibration equipment. Kinetic provides a Scheduling Service to assist you in effectively and efficiently managing your equipment utilisation.



INDUSTRIAL PIPING & PLUMBING

Kinetic Engineering is an industrial piping contractor. We can handle the entire piping scope from design, fabrication to installation. We can also install piping that was design and fabricated by others. We maintain a highly skilled workforce of supervisors and pipe fitters that are well versed in industrial construction and safety practices.



Industrial Piping Fabrication:

We fabricate piping to high piping standards. Our fabrication facility and our welders are setup and qualified to fabricate pipe in virtually all metal alloys. Our welders are qualified to our internal welding procedures and can also be qualified to our client's welding procedures.

Areas of Expertise:

- ▶ Process Piping.
- ▶ Gas & Oil Piping.
- ▶ Pharmaceutical Piping.
- ▶ Hydraulic Piping.
- ▶ Food Process Piping.
- ▶ Waste & Water Treatment.
- ▶ Compressed Air Piping.
- ▶ Steam Process Piping.
- ▶ Cooling Water Piping.
- ▶ Plumbing Systems.
- ▶ Refrigeration Piping.
- ▶ Boiler Systems.
- ▶ Heating Systems.
- ▶ Air Conditioning Piping.



PIPE

- Seamless
- Stainless.
- Welded pipe.
- Galvanized Iron.
- UPVC /PVC



VALVE

- ▶ Ball Valves
- ▶ Globe Valves
- ▶ Gate Valves
- ▶ Check Valves



FITTINGS

- ▶ Flanges
- ▶ Sockets
- ▶ Tube Fittings
- ▶ Studs and Bolts.



PNEUMATIC

- ▶ Actuator and Valves
- ▶ Pneumatic Fittings
- ▶ Hydraulic Hose
- ▶ Pneumatic Pipe

OUR PRODUCTS

SWITCHGEAR

We are specialists in the design, build, and install of low voltage (LV) switchgear, distribution panel, electrical panel boards, and enclosure for a wide range of industries to facilitate sub-distribution and final distribution requirements.



Low Voltage Panels

- ▶ Rated voltage up to 690/750V.
- ▶ Rated current up to 6000A.
- ▶ Rated S.C. Current up to 100KA.



Automation Panels

- ▶ PLC Panel.
- ▶ HMI Panel.
- ▶ Relay Control Panel.
- ▶ Motor Control Panel.

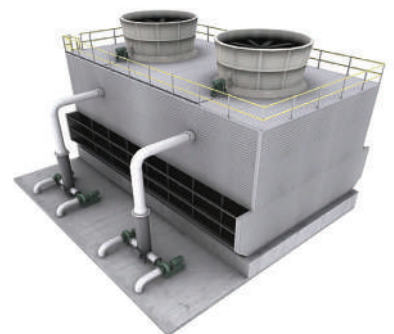


Enclosures

- ▶ IP Rated.
- ▶ SS / MS / GI (Material).
- ▶ All Sizes.

MANUFACTURING AIR CONDITIONING SYSTEMS

At our facility, we specialize in the production of package units, cooling towers, and Air Handling Units (AHU). Our manufacturing expertise ensures top-quality, efficient systems that cater to diverse industrial and commercial needs. With a commitment to excellence, we deliver reliable and cutting-edge solutions to enhance your air conditioning and cooling requirements.



HVACR

Kinetic Engineering have extensive experience in Mechanical and HVACR. Our purpose is to work in long term relationships to develop and add value to our clients' capital assets in a flexible and collaborative manner. We provide custom designed engineering solutions to suit your specific needs.

What we Offer

- ▶ Chiller Plant
- ▶ Cooling Tower.
- ▶ Air Handling Unit (AHU).
- ▶ Fresh Air Handling Unit (FAHU).
- ▶ Heat Recovery Unit (HRU).
- ▶ Fan Coil Unit
- ▶ Hygiene Unit
- ▶ Ventilation Unit
- ▶ Ducted Split (AC)
- ▶ Condensing Unit (CDU)



INDUSTRIAL VENTILATION

- ▶ Industrial Fans & Blowers.
- ▶ Dust Collection System.
- ▶ Industrial Vacuum Systems.
- ▶ Air Filter Housings.



FABRICATION

- ▶ Platforms.
- ▶ Storage Tanks.
- ▶ Structures.
- ▶ Sheds.



DUCTING

- ▶ GI / SS duct.
- ▶ Rectangular duct.
- ▶ Round duct.
- ▶ Air volume dampers.



INSULATION & CLADDING

- ▶ Thermal Insulation.
- ▶ XLPE ,Glasswool and PU.
- ▶ Rockwool and Aerofoam.
- ▶ GI / SS Cladding.

CABLE TRAY SYSTEM

Kinetic's range of Cable Tray Systems has been developed to suit the demands of an ever-changing market. Kinetic Cable Tray Systems consist of light, medium and heavy duty pattern with standard perforations.





Pakistan Engineering Council
Regulating the Engineering Profession



KCCI



Address

B-334, Sector 31-A, Mehran Town Extension, Korangi
Industrial Area, Karachi.



www.kineticengineering.com.pk