

MAHHAM Engineering Services

Consultants • Engineers • Designers for Process Industries

Deliver, what we promise ...



Turnkey Projects and Industrial Fabrication



www.mahhamengg.com

Our Capabilities and Experience

MES has earned the reputation as a primary destination for the acquisition of quality, precision, fabrication products and services. We believe that the success of MES is due to the commitment to customer satisfaction practised by the company, the use of leading edge fabrication technology, the ability to innovate customized design solutions and, the capacity and capability to handle small and large jobs.

Turnkey Projects Delivery Capabilities

We deliver new facilities, relocate, expand and upgrade existing plants for our clients to improve performance, safety and sustainability. Our turnkey projects delivery expertise relate to process plants:

➤ Fertilizer Plant

- Bio Phosphate
- NPK
- Nitro Phosphate
- Single, Double and Triple Super Phosphate
- Zinc Sulphate (mono. hepta, granular and crystal)

➤ Acid Plant

- Sulphuric Acid
- Acetic Acid
- Humic Acid
- Phosphoric Acid

➤ Sulphate Plant

- Aluminum Sulphate (brown, green, hydroxide)
- Aluminum-Ammonium Sulphate
- Aluminum-Sodium Sulphate
- Copper Sulphate (penta-hydrate, anhydrous)
- Potassium-Aluminum Sulphate
- Ferrous Sulphate (hepta-hydrate)
- Sodium Sulphate (anhydrous)

➤ Biogas Plant

Share your business plan with us and we will innovate business model and deliver cost effective solution at your site.



Industrial Fabrication Capabilities

MES encompasses the following product range:

- **Reactors** - CSTR, Plug Flow
- **Storage tanks**
- **Pre-fabricated steel structures and buildings**
- **Mixers** - Ribbon, Paddle, Screw and Static
- **Material handling equipment** - Conveyors, Hopper, Stacker,
- **Filters** - Rotary, Plate & Frame and Vacuum filters
- **Dryers** - Rotary, Spray and Vacuum dryers



Our Experience

A short list of our key projects completed is:

Project: Keystone Pipeline Expansion

Client: Worley Parsons Services Canada

Detail: MES provided engineering design services for keystone pipeline project which included 3200 km 36" pipeline from Alberta – Canada to Houston - USA, 42 pump station and 4 terminals.

Project: 70 ton/hr coal feed screw conveyor

Client: Nishat Mills Pakistan

Detail: MES provided services for engineering, procurement, fabrication and commissioning of a coal feed screw conveyor to be installed at Nishat Mills.

Project: Bio fertilizer plant

Client: Bio-Fert Inc. Pakistan

Detail: MES acted as principle consultant to Biofert Manufacturing Inc. for the development of a bio fertilizer plant. Services included: detailed Engineering, Procurement. Fabrication, Erection, and Commissioning.

Project: Multiple Sustaining Project

Client: Wartsila Pakistan

Detail: Services included: Air compressor Installation and Commissioning, Raw Water Strainers fabrication, Cooling Tower maintenance services and mechanical steel structure building fabrication.

Project: Acid Storage Tank and Mechanical Steel Structure Building

Client: Liberty Power Tech Limited

Detail: MES provided services for engineering, procurement, fabrication and erection for an acid storage tank and a mechanical shed.

Project: Aluminum Sulphate, Zinc Sulphate and Humic Acid Plant

Client: Zahra Chemical Inc.

Detail: MES provided services for engineering, procurement, fabrication and commissioning services for an Aluminum Sulphate, Zinc Sulphate and Humic Acid Plant.

Clientele List:

- WorleyParsons Services Canada
- Biofert Manufacturing Canada
- TYTEC Engineering Canada
- Wartsila Pvt Pakistan
- Nishat Mills Pakistan
- Tonmor International Canada
- Liberty Power Tech Ltd Pakistan
- Zahara Chemical Inc
- Excel Ltd
- Brighto Paints Pakistan
- I.J Plastics Ltd



Services We Offer

Mahham Engineering Services began operations in 2011. The Company's rapid growth and expansion is attributed to pioneering and innovating engineering and fabrication solutions to meet the diversified, special needs of our individual customers. MES is capable of handling diverse projects from Process Engineering to Operation Engineering, Feasibility Studies to Detail Engineering. We can accommodate single phase projects or deliver Turnkey projects.

Our erection, commissioning and construction group has extensive experience in small and large scale construction and maintenance projects completion. Our team execute jobs in a planned, controlled and quantified manner with the safety of employees, customers, suppliers and sub-contractors. Our turnkey projects delivery package includes:

- Engineering Design**
- Procurement**
- Industrial Fabrication**
- Erection & Commissioning, and**
- Project Management**

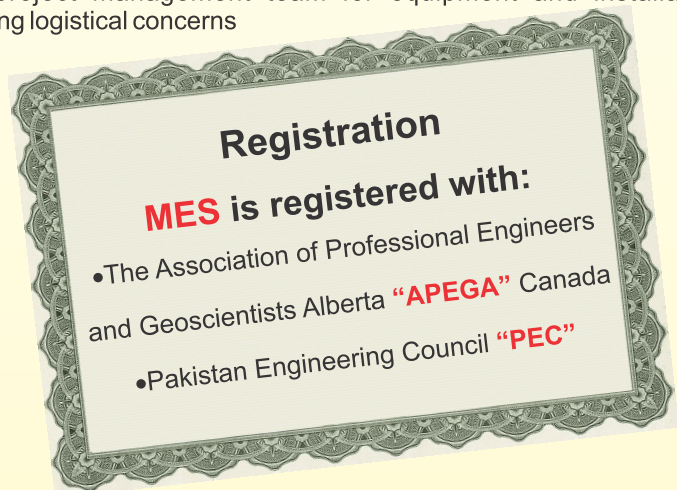
Features:

We exceed our customers' expectations because of our:

- ✓ Extensive experience on small and large projects
- ✓ Experienced team who understand the products and processes
- ✓ Local and global resources
- ✓ Quick response time
- ✓ Experience and expertise
- ✓ Quality workmanship
- ✓ Turnkey projects for one stop shopping
- ✓ Superior technical and design support
- ✓ Safety record

Why Us:

- On time delivery and construction
- High quality workmanship and system performance
- Competitive pricing
- Single project management team for equipment and installation eliminating logistical concerns



Mahham Engineering Services Ltd

Mahham Engineering Services Ltd., "MES" is a Canadian multi-discipline engineering company having head office in Edmonton, Alberta – Canada, High Value Engineering office in Lahore – Pakistan and Fabrication facility in Faisalabad - Pakistan. MES is providing innovative and cost effective Engineering, Procurement, Fabrication, Commissioning and Management services to Canadian and Global Process Industries in four major business sectors:

Oil & Gas



Hydrocarbon Transportation



Minerals & Metals



Renewable Energy & Chemicals



Our Commitment:

- Zero harm to People, Environment and Assets
- Developing long term working relationships with our clients
- Maintaining the quality of our services
- Providing optimized, cost effective services within schedule
- Exceed the expectation of our clients
- Exploiting up to date technology for the benefit of our clients
- Maintaining the highest ethical standards in all our professional dealings



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