



# Engineers India Limited



*Fully Automated*  
**Quality Management Solutions**  
*for Real Time Monitoring and Feedback*







# Profile



Engineers India Ltd. (EIL) is a leading global engineering consultancy and EPC company. The Company has a diverse portfolio comprising Hydrocarbon, Chemicals & Fertilizers, Mining & Metallurgy, Infrastructure, Water and Waste Management, Solar & Nuclear Power sectors.

EIL has emerged as a 'Total Solutions' engineering consultancy company providing design, engineering, procurement, construction and integrated project management services from 'Concept to Commissioning' with highest quality and safety standards. It also provides specialist services such as heat and mass transfer equipment design, environmental engineering, specialist materials and maintenance and plant operations and safety services.

EIL has successfully completed all projects, all of which are operating smoothly (in most cases at more than rated capacity), and has, hence, created an array of satisfied clients. EIL has secured many repeat businesses from its clients which is a sign of client satisfaction, confidence and trust reposed in EIL.

EIL has earned the reputation of being a veritable treasure of technical knowledge, skills and professional competence. EIL has worked with almost all process licensors and a large number of engineering/ contracting companies worldwide and our engineers are well versed with international engineering codes and standards. With a workforce of over 3000 experienced employees & a variety of specialised services available under one roof, EIL offers an unique advantage to clients like none other.

**5.6 million available Technical Manhours annually**  
**9,600 available Construction Management and Supervision Man-months annually**

## GLOBAL PRESENCE

Geographical Regions	Key Countries served
Middle East	UAE   Bahrain   Kuwait   Iran   Oman   Saudi Arabia   Qatar   Iraq
Asia / Asia Pacific	Australia   Malaysia   Indonesia   Bangladesh   Vietnam
Europe	Norway   Turkey
Africa	Algeria   Ghana   Kenya   Nigeria   Angola   Sudan   Cameroon

## TRACK RECORD

- 72 Major Refinery projects, including 10 grass root refineries,
- 9 Petrochemical complexes,
- 41 Oil and Gas Processing projects,
- 213 Offshore platforms including 40 process platforms,
- 46 Pipeline projects,
- 13 Ports, Storage & Terminals,
- 9 Fertilizer projects,
- 32 Mining and Metallurgy projects,
- 33 Infrastructure projects (airports, highways, bridges, water management, & energy-efficient intelligent buildings),
- 23 Turnkey/EPC projects.
- Infrastructure Projects
- Power / Captive Power Projects



## Key Strengths

### Concept to Commissioning Capabilities

- Feasibility, Licensing, FEED, PMC and EPC services
- Post Commissioning & Specialized services

### Familiarization with Licensed Technologies

- Worked with most of the Licensors in the world across wide spectrum of technologies in O&G, Refining, Petchem, Fertilizers and Non Ferrous Sectors

### Vast In-house Data Bank

- Knowledge archives of Past Projects
- Vendor, Contractor and Cost information

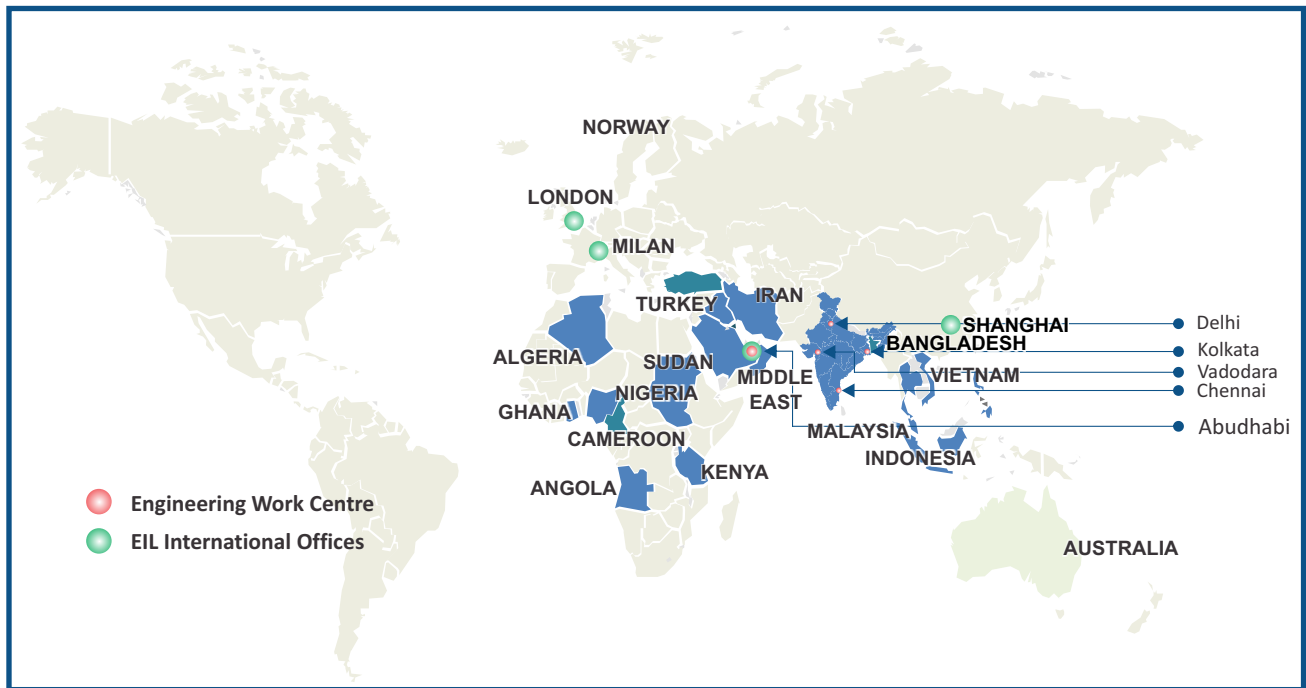
### Value Engineering

- Strong Design capabilities, Exposure to alternative technologies
- Extensive data bank, vast experience in green fields & revamps
- Feedback from operating plants

### Comprehensive Service Capability

- Multi-disciplinary expertise under one roof

# Experience Credentials & Global Presence



## Overseas Clients

### MIDDLE EAST

ADNOC, ADMA OPCO, GASCO, TAKREER, ADCO, ZADCO, BOROUGE, BUNDUQ, NPCC, ADGAS, BANAGAS, BAPCO, ALBA, KNPC, EQUATE, PIC, NPC, ORPIC, SAUDI ARAMCO, SABIC

### ASIA

PETRONAS, WIKA, PAU, TPAO, BCIC

### AFRICA

SONATRACH, BOST, KPRL, DANGOTE, INDORAMA, SONANGOL, SUDAPET, WNPOC, HYDROMINE GLOBAL MINERALS GMBH Ltd.

### INDIA



### INTERNATIONAL





# Quality Management



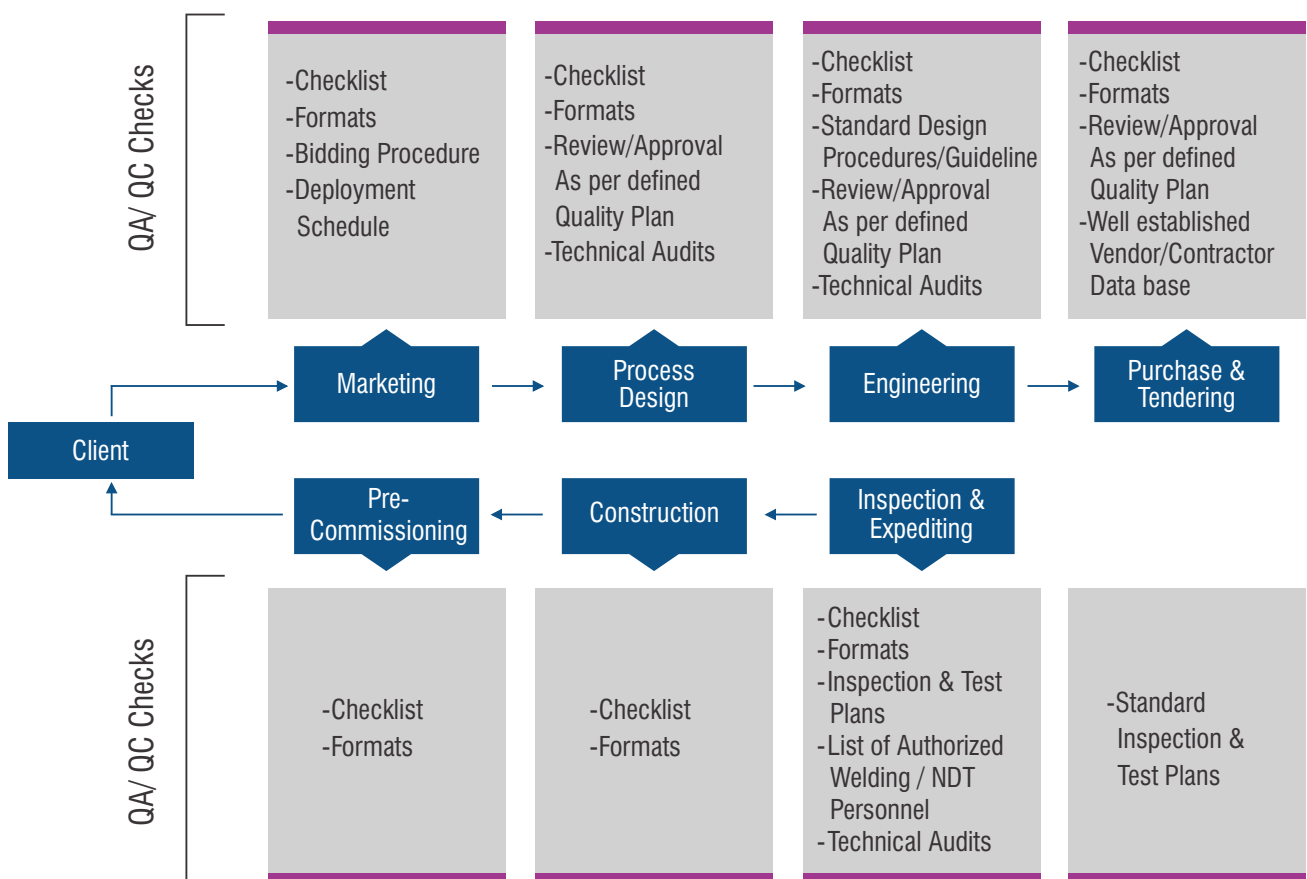
EIL ensures highest level of Quality Management and control through a well defined auditable implementation Process:

- ❖ Certified to ISO 9001:2008 since 1994. Geared up for certification to ISO9001:2015
- ❖ 3 tier structure, driven by the Quality Policy
- ❖ Department level quality plans ensure quality of each deliverable
- ❖ Quality of engineering deliverables ensured through reviews as per Quality plan
- ❖ Construction Quality assured through Inspection & Test Plans, Incoming Inspection, Quality Assurance Plans and testing at various phases
- ❖ Regular Internal Audits to verify QMS implementation
- ❖ Pool of around 100 Nos. certified Internal Auditors across functions. Out of these, a dozen are in Corporate Quality Assurance Department itself.
- ❖ An elaborate Customer satisfaction survey process in place
- ❖ Continuous process improvement through internal feedback system
- ❖ QMS training to all employees
- ❖ Most QMS processes automated through softwares: Site Query Management System, Feedback Management System, Internal Customer Satisfaction Survey System, Internal Audit System and Concession & Deviation Management System
- ❖ Quarterly QMS meetings to review QMS functioning.

- ❖ Yearly Quality Objective Plans are prepared & monitored at Department level



- ❖ Contribution to development of ISO 9001:2015 edition by way of representation in the Bureau of Indian Standards



**\*\* Project Quality Plan, Procedures & Inspection Test Plans will be developed based on Project Requirement.**

## Key Differentiators

- QMS monitored by Corporate Quality Assurance Department which reports directly to the Chairman & Managing Director, ensuring no conflict of interest
- Project Specific Quality Plan prepared for projects which details the Quality Assurance and control activities for the project.
- Every department has specific, robust, time tested procedures and templates in place ensuring seamless and standardized service delivery to internal and external customers
- Technical Audits during various project phases
- Directions of Management Review Committee are further monitored by a Systems Committee (comprising of Executive Directors & General Managers)
- Vast and diverse expertise of EIL is available in the form of standards, specifications and design guides through a central custodian department: Standards Bureau
- Compliance to Quality Management System specification is a mandatory requirement for all our bidders – all contractors are required to be ISO 9001 certified
- All procedures and standards are compulsorily reviewed at least once in 5 years to be in line with industry norms and best practices
- Interface plan prepared by each department ensures seamless interaction and exchange of information between departments, ensuring delivery of quality product
- Lessons learnt system in place to incorporate learning's into new projects
- Electronic Document Management System in place, facilitating anytime, anywhere retrieval & archiving
- Quick resolution and end-to-end monitoring of site queries through an in-house web based Site Query Management System (SQMS)



As substantiation to the maturity of our Quality Management practices, EIL was conferred with the prestigious Rajiv Gandhi National Quality Award (RGNQA), Commendation Certificate Award 2012 in Large Scale Service Industry Category, instituted by Bureau of Indian Standard (BIS), the National Standards Body of India.



## Areas of Services

Expertise & experience to render services in the following areas:

- ❶ Development of QMS as per the requirements of ISO 9001
- ❷ Training and awareness sessions on QMS
- ❸ Assistance in acquiring ISO 9001 Certification
- ❹ Conducting QMS Audits
- ❺ Quality Assurance / Quality Control services for projects
- ❻ Development of customized software for Quality Management processes (e.g, Internal Audit system, Customer satisfaction survey, Site Query management)



## Assignments accomplished for Customers

Expertise & experience to render services in the following areas:

- ① Assistance to SONATRACH, Algeria for acquiring ISO 9001
- ② Project Quality Management for Takreer









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**Delivering Excellence through People**