



A NAVRATNA COMPANY



Two Day Training Program on
**“Design of HSE Management System for
various phases of Project Development”**
during January 18-19, 2018 at EIL-Gurugram



About EIL

Engineers India Limited (EIL) is India's leading Consultancy organization with over 50 years' experience in mid and downstream sectors of Hydrocarbon industry. An ISO 9001:2015 accredited company, EIL has diversified into other sectors such as Infrastructure, Fertilizer, LNG, Non-Ferrous Metallurgy, Strategic Crude Oil Storage, Solar and Nuclear Energy. Under the administrative control of Ministry of Petroleum and Natural Gas, Government of India, EIL provides services ranging from concept to commissioning covering Project Implementation, Turnkey Contracts and Specialist Services.

This long standing experience enables EIL to mentor and provide training to its collaborators in the business, through structured training programs.

For last few years EIL has been conducting customized training programs for various organizations in India and abroad to meet client needs, and various exclusive programs

have been delivered at client premises. Additionally, open programs on select topics are being organized in the STATE OF THE ART Training Centre at Gurugram, Haryana, set in an idyllic environment. Experienced faculty members create an environment wherein participants are encouraged to challenge the status quo and develop critical thinking skills.

The ambiance at the Training Centre situated in sprawling 34 acre complex has been custom-made to provide an engaging and enriching experience for the participants.

About the Program

Each project undergoes four main important phases to turn into fully operational plant. These phases include Feasibility, Front End Engineering Design, Engineering/ Procurement/ Construction, Commissioning & Start-Up. In each of these phases, there are specific HSE requirements.

Feasibility Phase mainly focuses on defining the Project difficulties / opportunity, the alternative solutions available and the recommended solution for implementation. During this phase two or more technological options/sites are selected for study and analysis. It is imperative HSE assessment and evaluation are to be integrated in the study / analysis, to arrive to recommended solution for implementation.

Front End Engineering and Design (FEED) is a broad-encompassing term that includes all engineering design activities for project. By breaking these activities out and executing them earlier in the project, one can take advantage of better scope definition to reduce risk, and therefore the cost, associated with the project.

EPC Phase includes detailed elaboration and execution of work as per FEED Documents. However, EPC Contractor is required to update the HSE plan, EIA study, QRA study for only residual changes, and implement the recommendations of the studies/plan.



Commissioning of a plant includes preparing readiness for starting up the project as per design table. Start-up of a plant includes bringing up the plant from the low end of production to the design production capacity. In the process, plant may experience the toughest parameters and requires experienced manpower to stabilise the plant.

EIL has undertaken designing of HSE management for all phases of project in more than 160 projects for diverse sectors of industry and several of the projects are falling in the categories of petroleum refineries, petrochemicals, thermal power plants, complex chemical plants, petroleum product pipelines, jetties, SBMs, Township and area development projects, airports, mining and non-ferrous metallurgy beside regional Environmental Management for industrial areas.

Objective of Program

This training program is aimed to develop ability to formulate HSE requirements for various phases of project life cycle. It will enable participants to adopt systematic and scientific approach in designing HSE management for various phases of project in a sustainable manner.

Who should attend it?

The program is designed for HSE Managers/ HSE Engineers, Projects & Planning Engineers who have 5 - 15 years of experience.



Participation Fee

The program is non-residential with participation fee of ₹23000/- (Rupees Twenty Three Thousand) plus applicable taxes per delegate. Fee shall include the cost of the course material, kit, refreshment/ lunch and certificate confirming participation. If two or more participants are sponsored by one unit of an organization, a discounted fee of ₹22000/- (Rupees Twenty Two Thousand) plus applicable taxes per delegate shall be charged i.e., discount will be provided unit wise for a particular organisation.

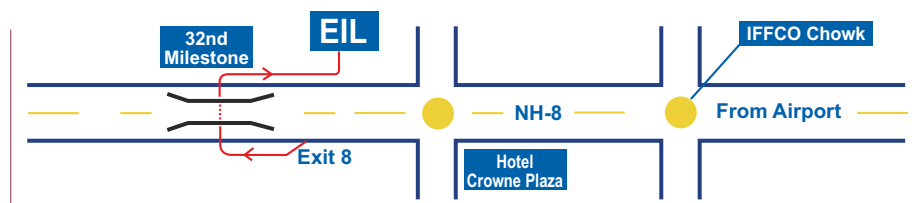
Registration

To register, please send name(s) of participant(s) through email at kaberi.biswas@eil.co.in, rkurien@eil.co.in. Please send participation fees as Crossed cheque/demand draft or NEFT in favor of 'Engineers India Limited' payable at New Delhi, after the program.

Venue

Training Centre
Engineers India Limited
EIL Office Complex
Sector-16 (NH-8)
Gurugram, Haryana

ROUTE MAP



Program Schedule (Day 1)

Topic	Time
Introduction to the training course, participants & their expectations	09:30-10:00
Project Life Cycle & HSE Requirements (Video on sustainable development)	10:00-10:15
Preservation & Progress <ul style="list-style-type: none"> Life cycle assessment Environmental Balance 	10:15-10:45
Discussion	10:45-11:00
Tea break	11:00-11:30
Durable Development & Regulation <ul style="list-style-type: none"> Need for EIA Study Environmental Philosophy Safety Philosophy EMP, DMP 	11:30-12:45
Discussion	12:45-13:00
Lunch	13:00-14:00
EIA IN THE PROJECT CYCLE <ul style="list-style-type: none"> Importance of EIA The Use of EIA and planning studies in EIA How to Select and Manage EIA Consultants? 	14:00-15:00
Discussion	15:00-15:15
CASE STUDY <ul style="list-style-type: none"> Filling of Form-I/TOR Undertaking baseline data collection studies Major elements of EIA study 	15:15-15:45
Discussion	15:45-16:00
Tea Break	16:00-16:30
Group work & Quiz	16:30-17:00

Program Schedule (Day 2)

Topic	Time
Recap of Day 1 and general clarifications	09:00-10:00
Video on importance of HSE management systems	10:00-10:15
Durable Development & Regulation <ul style="list-style-type: none"> EIA Study Environmental Philosophy Safety Philosophy 	10:15-10:45
Discussion	10:45-11:00
Tea break	11:00-11:30
Prevention and proactive management of risk & Continuous improvement <ul style="list-style-type: none"> QRA Study, HAZID EMP, DMP HSE Close out report HSE Audit requirements Project HSE Review 	11:30-12:45
Discussion	12:45-13:00
Lunch	13:00-14:00
Training & Communication <ul style="list-style-type: none"> HSE Training HSE Communication Requirements 	14:00-15:00
Discussion	15:00-15:15
Resources & Responsibilities <ul style="list-style-type: none"> HSE Resources Competency Requirements HSE Documentation HSE Records HSE Procedures HSE Management System 	15:15-15:45
Discussion	15:45-16:00
Tea break	16:00-16:30
Feedback session/Certificate Distribution	16:30-17:00

Contact

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Bank and Account Details for NEFT transfer

Name of the Bank: State Bank of India

Address: CAG Branch-II, 4th & 5th Floor

Redfort Capital Parsvanath Towers

Bhai Veer Singh Marg

Gole Market, New Delhi-110001

CA No: 10813604212, IFSC Code: SBIN0017313



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