



MEIP (MHI Engineering and Industrial Projects), a Group Company of Mitsubishi Heavy Industries, Japan ([www.mhi.com](http://www.mhi.com), [www.mhieip.co.in](http://www.mhieip.co.in)) engaged in Fertilizer, LNG, Petrochemical business is hiring candidates for the following position with experience in FEED/EPC of Fertilizer/ Petrochemical/ Refinery plant for their Gurgaon office.

Position: **Control & Instrumentation Engineer**

Qualification: B.E./B.Tech (Instrumentation) from a reputed Engineering college with good academic records

Experience: 9-15 years' experience

Preferred Age: ~ 35 years

**Job Description/ core competencies:**

- Field Instrument – Selection/Sizing/Evaluation and vendor drawing review.
- Preferably have experience and exposure to detailed engineering related to all areas of I&C systems.
- Knowledge of relevant international code & standards and best practices for O&G, Fertilizers, environmental and LNG industry.
- Control system engineering including IO database, logic diagram, control narrative, review of system vendor drawings, technical specifications, material requisition, technical evaluation and interface with packages and other department related to systems.
- Requisition or specification, datasheets, offer evaluation, vendor drawing review, sizing calculations of control valves, flow elements, thermos well.
- Package instrumentation interface and review.
- Familiarity with control system- DCS, SIS, FGS, sub control system like PLC etc. Special instruments like Analyzers, GC, MMS etc.
- Conversant with network instruments over FF, Modbus, HART etc.
- Shall be well conversant with hazardous area classification and OISD norms.
- Design of control room layout, analyzer shelter, pre- fabricated control rooms.
- Instrument installation engineering including review of 3D model, Instrumentation layouts and hook up drawings, cable and/or tube schedule, MTO. Specification for bulk material.
- Knowledge of latest technologies available for field instrumentation and control system and foundation fieldbus design, HART design.
- Knowledge of interfaces with other engineering disciplines in carrying out project work for providing / receiving / reviewing the deliverables at various stages of project.
- Hands on experience in SPI, Instrucalc, MS Vsio, SPR.
- Quality / HSE – Perform discipline check and inter-discipline check of documents. Ensure required integrity and quality of work. Familiar with Quality / HSE management system and procedures.
- Support for project close out.

**Key Responsibilities:**

- Develop understanding of client's requirements and resolution of it.
- To lead group of engineers and designers to produce project specific high quality deliverables as per project schedule.
- Guide engineering team in developing engineering deliverables as per project execution philosophy, carrying out FEED, Pre bid engineering, detail engineering.
- Coordination, guidance, mentoring and supervision for design and engineering.
- Assist department lead for general departmental activities such as quality management system, objectives, utilization etc.
- Assist dept. lead for man hour estimation, monitor month wise man hours.
- Support preparation of quantity monitoring reports for assigned project.
- Interaction with vendors, clients, subcontractors.

*Interested candidates with above qualification & experience may share their cv to [hr\\_meip@mhi.com](mailto:hr_meip@mhi.com)*