



MEIP (MHI Engineering and Industrial Projects India Pvt. Ltd), a Group Company of Mitsubishi Heavy Industries, Japan (www.mhi.com, www.mhieip.com) 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), Experience: 8-13 Years, Preferred Age: 30-35 years**

Job Description/ Core competence:

- 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 codes & 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 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 Visio, SPR

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
- 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.

Knowledge of Codes: IEC, NEC, Local Indian Codes, IEEE

Software Skills: Instrucalc, MS Visio, Navisworks

Interested candidates with above qualification & experience may share their cv to hr_meip@mhi.com