

Zameer Ansari - Instrumentation and Control Engineer

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BRIEF OVERVIEW:

Instrumentation & Control Engineer having 3 years and 6 months of experience in Detail Engineering, Procurement, Erection and Commissioning of Chemical, Petrochemical, Oil & Gas plants. Currently working at McDermott International, as Associate Engineer.

ORGANISATIONAL EXPERIENCE:

Associate Engineer

Instrumentation & Control

McDermott International

Mar-2020 to Present

I am currently Looking after Pressure, Temperature & Flow Instruments along with some packages of LNG Project located in Mozambique, Africa. Responsible for detail engineering & procurement of the same. Some of the key responsibilities are listed below.

- Reviewing P&ID and Instrument Index.
- Reviewing Instrument Process Data Sheet.
- Reviewing Design Basis and Technical Supply Specifications.
- Reviewing Hookup drawings and Typical Piping Assemblies.
- Reviewing Piping Material Specification.
- Preparing Instrument Data Sheets for Pressure, Temperature and Flow Instruments.
- Evaluating Vendor offers and Preparing Technical Bid Analysis for the same.
- Checking GA Drawings of Pressure, Temperature & Flow Instruments.
- Reviewing all the documents of packages related to instrumentation. Including P&IDs, Instrument index, I/O list, Instrument process datasheets, Instrument datasheets, Technical bid evaluation, vendor offers, GA drawings, etc.

Engineer

Instrumentation & Control

Aarti Industries Ltd.

Sept-2017 to Mar-2020

I Was looking after multinational greenfield projects Diamond (5000 I/Os) & Saffron (3000 I/Os). Responsible for detail engineering, procurement, Erection, installation and Commissioning of the projects. Some of the key responsibilities are listed below.

- Reviewing P&ID and Doing HAZOP.
- Reviewing Instrument Process Data Sheet.
- Review / Preparation of Instrumentation Deliverables like Instrument Index, Design Basis, Instrument Data Sheet, I/O List, Instrument Location Plan, JB & Air Header Location Plan, JB & Cable Schedule, Instrument Cable Tray Layout, BOQ (Bill of Material) & Instrument work tender.
- Floating Enquiry, Reviewing Technical Offers, Preparation of Technical Bid Analysis.
- Creation of Purchase Requisition in SAP - PS.
- Reviewing General Arrangement Drawings & Hookup Drawings of Instruments.
- Reviewing Offers & Drawings of Package Systems like Boiler, Scrubber, Vacuum System, ATFE, Compressors, DM water, MEE, ETP, PRS, NG Station, Melters etc.
- Reviewing 3D Model of Plant.
- Review / Preparation Control System Documents like Cause & Effect Diagram, Alarms & Interlock List, Control Narrative Trend Grouping, Graphics.
- ELV systems detailing & procurement.

- Checking Quality of Delivered Instruments & Checking Certificates.
- Installation of Cable Trays and Laying of Instrument Cables.
- Installation of air headers & JB's.
- Installation of Instruments in Field and Doing Termination.

Softwares and Systems:

- SPI : For Preparation of Instrument Deliverables like Datasheets.
- SAP : PS Module - For procurement of project assets.
- Vendex : For floating enquiry and receiving quotations from vendors.
- Concerto : For tracking of projects in real time.

ACADEMIC DETAILS:

Course	University	College or school	Year of passing	Score
B.E.(Instrumentation and Control)	GTU	L.D. College of Engineering	2017	7.97(CGPA) 7.69 (CPI)
12 th	GSHSEB	Ankur School	2013	71.8%
10 th	GSHSEB	F.D. School	2011	81.4%

CERTIFICATIONS:

- **RSO (Radiation Safety Officer)** - Certified by BHABHA Atomic Research Center.

PERSONAL DETAILS:

- Gender : Male
- Languages : English, Hindi, Gujarati and Urdu.
- Hobbies : Writing jokes, Teaching, Helping physically challenged people.
- Strength : Self-Initiative, leadership skills, Proactive, Problem solving ability.
- Weakness : Can do one work at a time.

DECLARATION:

I hereby declare that the above mentioned information is true to the best of my knowledge & beliefs.

Place:

Date:

Zameer Ansari