

OBJECTIVE

A professional looking for challenging and exciting opportunities which will give me a considerable degree of Responsibility in enhancing my Skills and Knowledge as an Engineer.

SKILLS

- Preparation of Instrument index by reviewing the PID.
- Preparation of Instrument I/O List, overall and detailed Schedules and Interconnection diagrams.
- Preparation of cable Schedules, Junction box details and Cable tray layout design.
- Preparation of Instrument specification sheet, Datasheet, Instrument installation schedule.
- Reviewing of Vendor Packages for Instrument.
- Preparation of Process Hook-Ups and Pneumatic Hook-Ups, MTO, BOQ, etc.
- Instrument Panel and other Panel layout inside control room.
- Vendor drawing review and Coordination with other disciplines.
- Vendor Drawing Review, Technical Liaison with Vendors,

OMKAR ASHOK SHINDE

BE INSTRUMENT ENGINEER

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Moshi Pradhikaran, Pune 📍

WORK EXPERIENCE

Sr. Project Engineer • Chemdist Process Solutions Pune

09-2020 - to - Present.

- Prepare / Review of Instrument Index and I/O List According To P&ID.
- Prepare / Review of Instrument Datasheet and Instrument Process Datasheet According To P&ID.
- Prepare / Review of Vendor Instrument / Electrical Logic Diagram According P&ID.
- Prepare / Review of Instrument Cable Datasheet, Junction Box Specification, Air Header Specification and Control System Specification etc.
- Prepare / Review of Instrument Cable Schedule, Junction Box Schedule and layout, Instrument Layout, Cable tray Layout etc.
- Review of Cause & Effect Chart According To P&ID and Process P&ID.
- Review of Control Narrative Documents According To P&ID and Process P&ID
- Review of Unit Control Panel Layout and Wiring Diagram According To P&ID and I/O List.
- Review of Vendor Local Control Panel Layout and Wiring Diagram According To Vendor P&ID.
- Prepare / Review of Vendor PLC Specification And Serial I/O Link Mapping Details According To P&ID.
- Prepare / Review Interface Block Diagram as Per Vendor Scope, Instrumentation Scope and Electrical Scope.
- Co-Ordination between Mechanical Package, Electrical, Process, Procurement Department.
- Prepare Technical Bid Evaluation (TBE) and of Instrument items, packages etc.
- Prepare / Review Fire & Gas Instrument Index, Layout, Cable Schedule and offer according to Vendor Input and P&ID.
- Purchasing of Instruments according to Process requirement.
- FAT procedure of all the Instruments, Cables, Panels and Packages.
- Prepare / Review of the Instrument Hookup Diagram and BOM.

Interaction with Clients & Contractors.

- Coordination and review with other disciplines.
- Support to Procurement team for floating of inquiries.
- Support to Construction /Technical Bid Evaluation (TBE) Team and Revising Engineering deliverables in accordance with IFC.

SOFTWARE SKILLS

MS-Office, MS-Excel, Auto-CAD.

INSTRUMENT HANDLED

Pressure Transmitter, Differential Pressure Transmitter, Temperature Transmitter, Magnetic flow Transmitter, Mass flow Transmitter, Ultrasonic Level Transmitter, Radar Level transmitter, Ultrasonic Level Transmitter, Capacitance Level Transmitter, Belt Scale, Weigh Feeder.

ACADEMIC PROJECT

Automatic Solar Grass Cutter, Portable Mobile Charging.

INTERNSHIP

Central Railway-SCADA system overview, RCF-Control System Component work.

- Prepare / Review of Scope of Work, BOM, BOQ, TBE and other related documents for Vendor Finalization for Contractor.

CLIENT:

1. FARABI YANBU PETROCHEMICAL, KSA
Process Oil Lube Oil.

2. GRANUELS INIDA Pvt. Ltd. Hyderabad INDIA
Solvent Recovery Plant.

3. GREEN ENERGY CHEMICALS, TURKEY
50 KL ETHANOL PLANT.

Project Engineer • Intelligent Automation System Pvt. Ltd. Mumbai 11-2019 - to - 09-2020

- Responsible for Erection, Installation, Calibration, Cold and Hot Commissioning of various instruments.
- Responsible to take technical clearance from client.
- Supervision of all construction activities like cable tray, junction box fabrication and installation, cable laying. Installation of various field instruments, calibration, glanding, termination, clamping and loop checking etc.
- Responsible for managing Manpower, Quality of job, Safety of our employee, Customer satisfaction, Job completion within a timeline.

CLIENT:

1. EVONIK SPECIALITY SILICA INDIA PRIVATE LIMITED. Gujrat INDIA

Application Engineer for Siemens • R K Dutt Concerns. Thane 03-2019 - to - 11-2019

- Handle commissioning and installation of process instruments such as pressure and temperature transmitters on in chemical and manufacturing plant.
- Trained Engineer and Technicians in manufacturing Plant to operate all Siemens Instrument.
- Maintain SOP of Instrument Delivery and Storage.
- Involved in marketing of Level, Pressure and Flow instruments to respective clients in chemical industry and maintain their orders.

Graduate Engineer Trainee • Croda India Pvt. Ltd. Thane 02-2018 - to - 03-2019

PROJECT:

- INSTALLATION OF SCRUBBER (NH₃, SO₂ TANK):
Installation of Pressure Gauge, Compound Gauge, Magnetic Flow Meter, Level Indicator, RTD, Temperature Transmitter, pH Meter. Cable laying, termination and Loop Checking and Screen Development for the same.
- INSTALLATION OF METAL DETECTOR IN EXISTING CONVEYOR:

PERSONAL INFORMATION

DOB: 03/03/1994

SEX: MALE.

MARITAL STATUS: SINGLE.

NATIONALITY: INDIAN.

HOBBIES: Reading Books
Watching Thriller/Mistry
Movies, Listening to Music,
Calligraphy (Devanagari).

LANGUAGE KNOWN:
Marathi, English, Hindi.

In Bag line & Drum line and automation for the same. Metal Detector (METAL-SHARK CASSEL).

- POWDER PLANT FILLING STATION MODIFICATION:
Conveyor Line Modification by replacing existing conveyor with new one for Bag Drop issue and automation for the same.
- ALKOX QRA & PRR:
Installation of XV & HV for safety protection. Load Cell, pH meter & Magnetic Flow Meter installation on Catalyst Pot & automation for the same.
- ATTEND SHUTDOWN OF ALKOX (JAN-26 TO FEB-7):
Removing, Calibration, Reinstallation and loop testing of all Critical Instrument (CV, XV, PT, TT, RTD, PG etc.)

MAINTENANCE:

- Attend Breakdown activity, analysis of the system failure.
- Maintenance and AMC of Instruments, Gas Detector, PA etc.

EXTRA CURRICULAR ACTIVITIES & ACHIEVEMENTS:

- Completed 2 Day Training Session on "FUNCTIONAL SAFETY ENGINEERING-1" conducted by EINBLICK TRAINING ACADEMY.
- Attended a Training Programme on Overview of DCS conducted by YOKOGAWA India Pvt. Ltd.
- Secured 1st Rank in School, SSC
- Secured 147/150 marks in Math's, 97/ 100 in Science and Technology and 83/ 100 in English in SSC.
- Secured 1st grade in English Examination conducted by Nava- Hind Dnyanpeeth Feb'09.
- Event Coordinator of "Singapore Track Event" in Genesis 2013 at ISA-RAIT.

EDUCATIONAL QUALIFICATION:

- B.E(INSTRUMENTATION) From D.Y. Patil's RAIT-7.25 CGPA(2017)
- HSC From M.G.M. Junior College-67.33%(2012)
- SSC From PVG's VidyaBhawan-92.73%(2010)