SABHARISH M

E-mail : sabharishm06@gmail.com
Mobile: +91 9345448602

Instrumentation Engineer with 2 years of experience in Instrument and Control System, Installation &Commissioning of Continuous Chemical Industry.

WORK EXPERIENCE OVERVIEW

- Preparation of Scope of Work and Functional Specification for Instrument and Controls components of project
- Knowledge in P&ID, PFD, Hook-up, Loop drawing and Instrument drawing
- Review of EPCI Contractors Deliverables like Specifications, Datasheets, Equipment Layout, Cable Schedule, Cable Tray Layout, , IO List.
- Responsible as a team leader for the plan and execution of Layout, Design, Specification, Procurement, Verification, Erection, Loop check activities before Pre-commissioning & commissioning activities and panel energize activities
- Preparation and Management of Installation and Commissioning Plan, Erection and Commissioning schedule including Installation and testing of various instruments and Testing/calibration of various instruments
- Managing the various Installation and Commissioning Contractor during the project erection and commissioning stage
- Responsible for implementation of new technology, techniques, methods and principles

KEY ACCOMPLISHMENTS

- Being Instrumentation and Control Engineer responsible for Installation, Commissioning and maintain of the PVC Suspension Resin plant of Grade-K5701,K6701,K6711 with technology provided by INEOS VINYLS UK
- Supports hardware, software and systems level verification and validation testing
- Work closely with the equipment, software, electronic hardware, validation/reliability and manufacturing engineering disciplines
- Experience with valves, and instruments used for chemical or industrial plant production process
- Design and implement assigned changes to instrumentation and control systems
- Generation of process graphics as per project philosophy.

EMPLOYMENT SUMMARY

Engineer - Instrumentation (September 2024 to till date)
Chemplast Cuddalore Vinyls Limited PVC Division(Sanmar Group)

EDUCATION

- B.Tech Electronics Instrumentation Engineering (2024)

CERTIFICATIONS

- Smart Plant Instrumentatiom

ABOUT ME

- Strategical Thinker
- Problem Solver
- Team Player
- Quick Learner

EXPERIENCES

Chemplast Cuddalore vinyls Ltd |2024 – Till date | Cuddalore, India

- Looking on Honeywell DCS C300 Experion PKS ,Loop configuration.
- Foundation Field bus, HART devices Integration with EPKS process controllers and testing it.
- Calibration of field Instruments like Transmitters, Controllers, switches, Control Valves and Control Room instruments.
- Loop checking, functional checking & troubleshooting of conventional Control Systems.
- Handling of EMERSON 475 Communicator (HART/FF)
- =Risk identification, analysis and control
- Coordination with project team and contractors on all project activities
- Technical coordination with engineering sub-contracts
- Performing overall activities pertaining to Installation, commissioning of a field Instruments, Control valves and panel wiring, Loop Checking.
- Safety procedures followup throughout the project without any safety Incident

TECHNICAL SKILL SET

Flow Meters:

Orifice and Integral Types of D/P Transmitter, , Mass Flow Meters (Micro motion,Yokogawa), Magnetic Flow Meter (E+H, Rosemount)

Level Measurement:

D/P type Transmitter (Rosemount, Yokogawa, Honeywell, E&H),

Pressure Measurement:

Pressure Transmitter (Rosemount, E&H, Honeywell,ABB,Yokogawa)

Temperature Measurement:

Temperature Transmitter (Rosemount,Yokogawa)

Control Valves:

Forbes marshall,Fisher

Analytical Instrument:

pH (Mettler Toledo, E&H, Polymetron, Yokogawa), Conductivity (Yokogawa ,E&H)

DCS:

Honeywell EPKS C300 DCS system.R431.1

Foundation Field Bus Digital communication-PACTWARE (P&F)

PERSONAL PROFILE

Father's Name	:	Manoharan
Age	:	22 Years
Sex	:	Male
Marital Status	:	Single
Nationality	:	Indian
Languages Known	:	English, Tamil