

Tushar kabale

Contact

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Education

Bachelor of Engineering:
Instrumentation (2013)
Mumbai University, with 68%

Software's

- MS Excel / MS word
- Power point
- Auto cad (Basic)

Languages

- English
- Hindi
- Marathi

Certifications

1. Industrial automation training:
 - SCADA (Wonder-Ware Intouch)
 - PLC (Siemens S7-200, Allen-bradley micrologix)
 - HMI (Panel view 300 micro)
2. Endress+Hauser customized Training for Instrument Calibration.

Summary

Committed and Skilled instrument engineer familiar with all standard control and instrumentation requirements. A candidate with nearly 8+ years of experience in the Chemical Plant and Water Treatment Project. Works well in fast-paced environments requiring critical and analytical thinking skills.

Skill Highlights

- Carry Out EICA panel related detailed design.
- Preparation of Master I/O list, Instrument list.
- Prepare engineering Document, data sheet for Client/ consultants.
- knowledge of PLC/SCADA platforms.
- Instrument selection, installation and Calibration.
- Carry out Cable selection, Cable route design and Installation details.
- Testing and Commissioning of field Instruments and Analyzer.
- Preparation of Instrument Installation Hook-up drawing.
- Resource and Department coordination.
- Troubleshooting.

Experience

Instrumentation & Control Automation Engineer - 07/2018 to present Memiontec Pte. Ltd., Singapore

- Review and Design PLC Control System Architecture, Control Philosophy and P&ID.
- Responsible to Prepare Instrument List and Master I/O list.
- Prepare electrical/instrumentation documents and specification data sheets for Submission to clients and consultant.
- Responsible for Selection of Instrument and Analyzer in water treatment process as per requirement and customer specification.
- Co-ordinate with ICA Contractor to arrange FAT, SAT for EICA/RIO panel.
- Responsible for selection of Instrument & their wetted material as per Process medium. Co-ordinate with OEM to ensure on-time delivery with complete documentation.
- Prepare Installation and Inspection Checklist to carry out Pre-commissioning and Commissioning activities for electrical and Instrumentation system.
- Carry out Installation and Commissioning for electrical and Instrumentation PLC panel, SCADA system and Field Instrument.
- Review Method of statements (MS), RA and Safe work procedure.
- Define Specifications and Job scope to EICA installation contractor.
- Provide technical support to Project Proposal(tender) team.

Instrumentation Engineer - 10/2013 to 06/2018

The Dharamsi Morarji Chemical Co. Ltd., Roha Raigad

- Design and Implement EICA control logics as per process and safety requirement.
- Prepare Annual Schedule and carry out calibration for Temperature, Pressure, Flow and Level Transmitters to avoid Instrument downtime.
- Selection, Installation and Configuration of different types of flow meters like electromagnetic, Orifice plate, Mass flow meter and Variable area type.
- Preventive maintenance and operation of SIEMENS made PLC System.
- Maintenance, operation and programming of DELTA, ABB made VFD's.
- Spares balance investigation and inventory control for Instrument's spare parts.
- Carry out Inspection of completed jobs.
- Preventive Maintenance and calibration of Concentration Analyzers, Pneumatic Control Valve and their accessories.