

Urvi Patel

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www.linkedin.com/in/urvipatel86

Highlight of Qualification:

- Experience with Triconex PLC (Programmable Logic Controllers) troubleshooting and programming (Ladder Logic & Functional Block Diagram)
- Extensive experience with Industrial process instrumentation, Analysers (Oxygen analyser, Gas Chromatography analyser)
- Experience in Control Room safety systems as well as Fire & Gas detection systems
- Experience in Honeywell & Yokogawa DCS , Machine vibration monitoring systems
- Experience in Human Machine Interface (HMI) of compressors
- Knowledge of material procurement and service contracts dealing with SAP system
- Work effectively in fast phase environment as a team player or independently and self-motivated
- Resourceful, hardworking and a fast learner
- Excellent communication, problem solving and managerial skills

Technical skills:

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|--------------------------------|-------------------------------|
| • PLC: ABB, Triconex, Siemens | • SAP (PM,MM module) |
| • Control Room Safety System | • Material Procurement |
| • Ladder Logic, FBD | • Service Contracts |
| • Triconex PLC troubleshooting | • Fire & Gas Detection System |
| • Plant Maintenance | • GC Analysers |
| • Breakdown Maintenance | • DCS: Honeywell, Yokogawa |
| | • Vibration Monitoring System |

Education:

B. Tech , Instrumentation and Control Engineering
Dharmsinh Desai University, Nadiad, India

May 2015

Academic Projects: 1) Line Follower Robot using Arduino Controller
2) Home Automation system using AB PLC 5/40

Work Experience:

Reliance Industries Limited
(Plant Maintenance Engineer & Procurement Engineer)

07/2015 – 04/2019

- GAS CRACKER PLANT, GCU
- ETHYLENE OXIDE & ETHYLENE GLYCOL PLANT, EOEG
- BREAKDOWNS

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- Performing routine maintenance inspection of equipments to identify and respond to problems in a timely manner, thus preventing breakdowns
- Relays and MCBs replacement with upgraded models for control room safety in breakdowns
- Analysers (Oxygen, Mass spectrometer, Gas Chromatography) maintenance and calibration
- Taking corrective and preventive actions for plant production and safety to keep maintenance records with basic safety check sheets
- Maintain history of the specific job in SAP system for easy troubleshooting in future
- Exposure to spare parts management and inventory control and setting up of optimum Min/Max levels for all types of spares & consumables
- Material management from PR creation to delivery to plant
- Ensuring smooth operations of the facilities and plant uptime by planning and receiving daily activities, manpower allocation and follow-up to ensure adherence to preventive maintenance schedule
- Working with company's vendors and supervised subcontractors during various maintenance projects to ensure proper completion of work performed at customers' facilities
- Utilize manuals, internet & phone contacts to gain knowledge of equipment, for making repairs. Finding alternate sources for repair and replacement items
- Comparing different vendors for the specific job and awarding the service based on merits with negotiation
- Material procurement based on user requirements or OEM standards based on criticality
- Rewarding service and material contracts mainly in Instrumentation and IT departments
- Pending payments clearance through compliance policies