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OBJECTIVE

To Work as Electronic and Instrumentation engineer in a progressive organization that provide an opportunity to apply improve my knowledge and skills.

EDUCATION

Govt. Collage of Technology Sargodha **2015-2018**

Diploma in Instrumentation Technology

Marks in 3years: 2790/3350 (83.23%)

Have A grade in Diploma.

Dar-e-Arqam School Sargodha **2013-2015**

Matriculation in Science Subjects

Marks in Matriculation (61.27%) Have First Division

EXPERIENCE (3 years)

7 Month Working Experience in Noon Sugar Mill Disterlly Bahlwal as Instrument technician

Trade Apprentice I&E in **Engro polymers & chemicals ltd Karachi**

Work on Power plant Chlor Alkali &EDC/VCM plant measuring and controlling instrumentation of Chlorine Hypo Caustic, Hydrogen, Nitrogen and different Chemicals.

Instrument Technologist in **PARCO (Pak Arab Oil Refinery)** on Crude Distillation Unit/Vacuum Distillation Unit, DHDS, PNEX (Isomerization Unit) & PSA

Courses

- Graphic Designing — Infosys College Sargodha
- PSM (Process Safety Management) OSHA — Certified
- Work Permit Procedure (DU Pont) — Certified
- SAP Plant Maintenance (PM) Module.

Duties and Responsibilities

- Performing All Types of Field Instrumentation Jobs Including PM's / CM'S/ Emergency Call Out Jobs.
- Responsible for Bench and Online Calibration of Instruments for Gas Process and Start Up of the Plant
- Apply Valve Stroke Command Thru DCS for 0%, 50% and 100% and Monitor the Response. from the field & verify the Corresponding Valve Position.
- Assigned in Functional Test Setting and Monitor the Instrument that the Trigger & Tripping point of the Sequences in Automatic Mode Operation.
- Responsible for Loop Checking of Gas Turbine and Compressor, Include the Start- up Operation.
- Repair and Troubleshooting of Instrument during Operation.

SKILLS & TOOLS

- MS Office
- Microsoft Windows XP, 7, 10

Trainings

- DVC-6200 installation and calibration training
- GT-Mark VI Training.

Projects

Projects in Engro Polymers & Chemicals ltd Karachi.

- Independently install the new on/off valves for recycling purpose also design root for loop and do JB side and Marshaling side instrument connection.
- Installation of Davis 6250 Vantage Vue Wireless Weather Station in Workshop & also in ECC room.
- Work in replacement of DCS system from YOKOGAWA to HONEYWELL-C300
- Work on the installation of all process variables instrumentation.

Gas Turbine Tornado control system upgradation project with BAKER & HUGHES Team

- Upgrade the turbine control system from mark II to mark IV E.
- Removed all instrumentation from field for maintenance purpose.
- Simulated and calibrated multiple instruments including vibration probes, thermocouples, and transmitters.
- Installation of thermocouples on turbine bearings.
- Participated in modification activity of proximitors.
- Installation of vibration probes on turbine shaft.
- Cold & hot loop testing of all loops.
- Calibration of all instrumentation of fuel gas compressor
- Modification of pressure transmitter and pressure switch of waste heat boiler from pencil type to smart.
- Calibration of level switches and their modification in new control panel.
- Modification of feedback switches of damper and overhauling of damper actuator.

Projects in in Noon Sugar Mills ltd Bahlwal.

- Work Independently as instrument technician in eraction of new Disterlly plant.
- Installation of new DCS panel
- Remove all the instrumentation that work manual and replace the instrumentation with new one that is work on auto/manual mode with new DCS.
- Cable laying for the new instrumentation from field to control room.
- Change all the instrumentation of 1,300000 liters/day Disterlly plant.

Calibration

- Calibration of DVC-6200 positioner.
- Calibration of AVP-300 positioner.
- Calibration of Siemens Positioner.
- Calibration of Oval Flow Transmitters.
- Calibration of Endress+Hauser Flow Transmitter
- Calibration of DP type flow meter.
- Calibration of mag flow meter.
- Calibration of DP type level transmitters.
- Calibration of Davis 6250 Vantage Vue Wireless Weather Station.

Calibration Tools

- Hart Communicator 475.
- AMS Trex Communicator Emerson.
- Jofra ametek temperature calibrator.
- Fluke 722 & 789 MA source.
- Fluke 714 Thermocouple loop calibrator.
- Fluke 87 V multimeter.

Shutdowns

Shutdown in Noon Sugar Mills ltd Bahlwal.

- Work in Major shutdown of Disterlly plant participate in dismantling of all control valves. and overhauling of valves
- Removal of PG, PT, TT, TG,LT,LG and calibration of all of them.
- Also work in installation of New DCS system

Shutdown in Engro Polymers & Chemicals ltd Karachi.

Work in Major shutdown **Engro Polymers & Chemicals ltd Karachi**

- Participate in all Grade change and shutdown activities.
- To do work with Seniors in Shutdown (SD) & Participate in Enough jobs.
- Independently remove the connection the valve for overhauling and install back the connection after overhauling.
- Work in activity of changing of IA header of On/OFF valves on PVC-II.
- Loop testing of instruments of PVC-I.
- Work in activity of calibration of KOSO positioners on the plant.
- Work on the activity of rectification of feedback issues of on /off valves.

Reference

Available will be on Demand.