GHULAM SABIR

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INSTRUMENT TECHNOLOGIST



Personal Profile

- Result oriented & Responsible
- Dedicated & Self-motivated
- Honest & Diligent
- Familiar with Multi languages
- Polite & Tolerance

Professional Strengths

- Strong Communication Skills
- Analytical Problem Solver
- Plant Presentations
- Contractor Relations
- Team Builder
- Time Management
- Complete Command on
  1. Oracle System Software
  2. Microsoft Word
  3. Microsoft Power Point
  4. Microsoft Excel

Objective

To achieve a responsible and challenging position in a progressive innovative Organization where I can serve my skills and knowledge for achieving the organizational goals and with that opportunity to further improves my technical skills, Professional knowledge and obtains diverse experience.

Professional Summary

Having dynamic **07 years** Instrumentation career track with the highly competitive Instrument Technician in **Power Plant**, **Fertilizer Oil&Gas** and **Petrochemical**. Exceptional communicator with a consultative technical style, outstanding problem solving capabilities. Outstanding capabilities of TEAM building & relationships building with Client, Vendor & Contractors.

Highlights of Employment

Post: **Instrument Technician.** Industry: **Pakarab Fertilizer Co-Generation Power Plant Limited Multan**	**Dec 2017 – Still**
Post: **Instrument Technician.** Industry: **FFBL-118 MW Coal Fired Power Plant Bin Qasim Karachi.**	**Jul 2015- Dec 2017**
Post: **Instrument Technician** Industry: **Sitara Chemicals Ind Pvt Ltd Faisalabad.**	**Nov 2013- Jul 2015**

❖ **CURRENT EXPERIENCE AND HIGHLIGHTS**

- Now currently I am working as a INSTRUMENT TECHNICIAN in Pakarab Fertilizer MULTAN at Cogeneration Power Plant having **34.5 MW** power generation through GE10/1 Model 03 Gas Turbines, and recover the heat from 3 HRSG's (UMAG Boiler) each **50 ton/h** steam generation. Demin plant, cooling towers, and Compressor area.

Professional Qualification

3 Years Diploma Of Associate Engineer in Electronics with 1st Division in 2013
Government College Of Technology Multan (PBTE LAHORE)

Formal Education SSC Matriculation Science with 1st Division in 2010
BISE Faisalabad

Professional Language

- English
- Urdu
- Punjabi

Professional Games

- Cricket
- Badminton

References

Excellence Reference will be Provided on the Demand.

- **PGPF(PAK ARAB GAS PIPLINE FACILITY)**

  Erection and commissioned PGPF project. And i worked following systems and machines.

  1 GC(Gas Chromatograph DANIEL EMERSON)
  2 FloBoss S600+Flow Computer
  3 Welker Probe
  4 Moisture Probe Amtek
  5 GE Compressor

- **PGPF(SALES METERING STATION)**

  RMG 650 PCV
  BARTON Pneumatic Flow Transmitters
  EMERSON Flow computer(DirectConn_FBx Calibration Wizard)
  BEAMEX High&Low Pressure Pump
  BEAMEX Pressure Transducer

- **RESPONSIBLITIES AT GAS TURBINE**

  Performed three times gas turbine (**M I)** Major Inspection & Three times (CCI) Combustion Chamber Inspection and provide quality expertise related to removing, installing instrumentation and rectifying shutdown/startup phase problems. Troubleshoot the problems related to machine operation ensure the smooth working.

- **RESPONSIBILITIES AT HRSG (UMAG)**

  Troubleshoot the problems during boiler in operation. Provide services for startup and safely shutdown. Throughout check the boiler operation and logics as per requirements. Knowledge of boiler operation and working techniques.

- **SAFETY MEASURES**

  Basic awareness of personal and plant safety. Knowledge of **hazardous** areas classification as per **OSHA** standards. Having trainings to perform **ERT** members and emergency handling. Basic knowledge of **zones** as per Europeans standards. Got many time fire fighting's trainings as per **OSHA** standards. Performing my technical roles for ordering the instruments as per area class, safety measures, process reviews, and characteristics.

- **PLC&DCS SYSTEM KNOWLEDGE**

  Troubleshooting and programming knowledge of **GE Fanuc RX3i PLC** for **GTG** control**. SIEMENS S7-400** for **HRSG** control. Also loop testing Logic forcing, History checking, and termination techniques for marshaling to system.

- **VIBRATION MONITORING**

  Working on vibration monitoring system bently nevada 3300 & 3500 Installation of probe for radial vibration/ thrust monitoring. Health checking of vibration probes by using TK3-2E Vibration simulator.

- **CONTROL VALVES**

  Overhauling, maintenance, and calibration of control valves diaphragm &piston type Accessories like Positioner, Regulator, Lockup relay, Quick exhaust relay, Trip Device, Limit Switches & SOV's.

- **MOV's**

  Hands own maintenance and error troubleshooting experience of different types MOV,s like **Rotork IQ3** Remote controlled, **Auma**, **RTK**

- **ANALYTICAL INSTRUMENTS**

  CEMS IR-200 analyzer for flue gases concentration monitoring.
  Sick analyzer for dust.
  Oxygen Analyzer (Zirconia ZR22G Detector).
  Gas analyzer (Honeywell optima plus) for CH4 measuring.
  pH analyzer Yokogawa.
  Conductivity analyzer Yokogawa.
  Dew point analyzer Xentaur.

- **PRESSURE MEASURING INSTRUMENTS**

  Smart pressure transmitter Electronics&Pneumatic(Fisher Rosemount Yokogawa), Gauge Pressure Transmitter (Pneumatic&Electronics), Pad Mounted Electronics Pressure Transmitter, Pressure Switches (ABB, Denfoss) & Pressure Gauges (Mechanical & Digital).

- **FLOW MEASURING INSTRUMENTS**

  Differential pressure transmitter (Electronics, Pneumatic & Smart), Magnetic flow transmitter, Vortex flow transmitter, Turbine flow transmitters & Rota meters (Variable area Flow Rota meter).

- **LEVEL MEASURING INSTRUMENTS**

  Smart level transmitter (Rosemount series), Displacer level transmitter (Electronics & Pneumatic), Differential pressure transmitter (Smart, Electronics & Pneumatic) (Radioactive device), Ultra sonic level measurements, Level switch (Tuning fork type) & Level indicator**.**
  K-tek level transmitter.

- **TEMPERATURE MEASURING INSTRUMENTS**

  Temperature transmitter (Electronics, HART & Smart) Thermo couples (Active and passive devices), R.T.D bimetallic temperature indicators, Temperature switches & well known to use of temperature calibrator.

- **FIRE, GAS & ALARM SYSTEMS**

  HIMatrix F35 for **CO2** Firefighting based PLC. Smoke detectors, Gas detectors (Crowcon) and Fire Indication and Alarms.

- **ESD SYSTEM**

  HIMatrix F30 for safely emergency shutdown based PLC.

- **SPECIAL COURSE**

  Permit To Work System (**PTW**)
  Process safety management(**PSM**)
  LOTOTO (Lock out tag out try out)
  First AID and firefighting techniques, Fir extinguishing system. Use of 10-minute Escape set (Breathing Apparatus), Use of 30-minute BA set (Breathing Apparatus).

PREVIOUS JOB HISTORY

Worked experience installation and maintenance also erection commissioning, with the help of drawings coal fired power plant capacity 2*250 ton/h steam boiler. 2*24MW, 60MW, 10MW Steam Turbines. Multicore cables laying from Marshaling DCS side to junction box field side. Conduit and cable trays, Transmitters, Switches, Vibration probes, Control Valves, RTD, Thermocouples, Pressure indicator, Temperature indicator, Speed sensor, Speed transmitters, Glanding and terminations experience own hands. Performing Marshaling Termination, Internal wiring, Relay Logics I/O transfer function and Logic operation as per Soft signal. Loop testing Troubleshooting from HMI to I/O cards, cards to Marshaling/Marshaling to field JB'S and JB'S to Secondary Instruments**.**