

# MUHAMMAD YASIR ALI

**Current Address:** House No. P-200, Muslim Town No.1,  
Ali Block, Faisalabad, Pakistan.

## **Contact Info:**

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## **EXECUTIVE SUMMARY:**

I have on-hand practical experience as an **Sr. Engineer I&C**. I have developed an excellent background in “problem solving” working with individuals of various backgrounds and experience. This provided opportunities to improve my leadership abilities and effective team member skills.

## **OBJECTIVE:**

To obtain a challenging permanent position with good incentives that allows utilization of my expertise and experience to play a part in company’s growth in an environment that promotes continuous knowledge and skills with strong opportunity and advancement, keeping in mind the globally recognized safety, health and environment standards.

## **ACADEMIC QUALIFICATION:**

<b>Exam</b>	<b>Year</b>	<b>Division</b>	<b>Institute</b>
<b>Matric</b>	<b>2006</b>	1st	Khanewal Public School & College
<b>F.Sc</b>	<b>2008</b>	1st	Punjab College Multan
<b>B.Sc Engineering</b>	<b>2012</b>	1st	RIPHAH Intl University Islamabad.

## **PRACTICAL EXPERIENCE (05 Years):**

- **SITARA CHAMICAL INDUSTRIES (2017 to till date):**  
Working on following divisions of S.C.I.L as Sr. Engineer I&C
  - **40 MW Coal Fired Power Plant**  
Working as **Sr. Engineer I&C**.
  - **SCIL BRICK MAKING PLANT:**  
**70,000 bricks/day**  
Erection ,Commissioning and maintenance.
  - **SCIL SOAP NOODLE PLANT:**  
Erection and commissioning of instruments.
  - **HEAT RECOVERY UNIT:**  
Erection and commissioning of instruments.

➤ **FAUJI KABIRWALA POWER COMPLEX:**

- **157 Combine Cycle Power Plant**

**Apprentice in I&C Department** from January 2014 to December 2014.

## **INSTRUMENTS:**

- **Flow** Measurement with Vortex Flow Meter, Magnetic-Flow Meter, DP Type, Anubar, VP Flow and Ultrasonic.
- **Level** Measurement with DP Type, Displacer Level Transmitter, Magnetic Float Level Gauge, Ultrasonic Level Transmitter and sensors, RADAR Type, Electrode Type Water Columns and Bi-Color Level Gauge.
- **Temperature** Measurement with Bimetallic thermometers, Thermocouple, RTD with controllers and indicators.
- **Pressure** Measurement with Pressure Transmitter and Sensors.
- **Analyzers** (Silica, Phosphate, Hydrazine, pH, O<sub>2</sub>, Dissolved O<sub>2</sub> & Conductivity e.t.c).
- **Sensors** (Position, Displacement, Photo & Proximity Sensors e.t.c).
- **Vibration Monitoring System (BENTLY NEVADA 3500).**
- **Valves, MOVs, SOVs, Pneumatic and Hydraulic Cylinders, Control & Check Valves.**
- Interfacing, Troubleshooting HMI Designing and maintenance of **S7-200, S7-300 and S7-1200 PLC. (SIEMENS)**
- **HOLLYSIS DCS V6** (Hardware configuration, trouble shooting, adding new loops, testing e.t.c)
- Troubleshoot and maintenance of **VFDs** upgrading of firmware.

## **RESPONSIBILITIES:**

- Handling **Compressors & Dryers** of CompAir 10 Bar.
- Dealing with vendors for **procurement**, testing and of various instruments, clearing quotations, open box inspections and physical evaluation.
- Developed Frequency Oriented **Preventive maintenance** activities including identification of Critical and Non-Critical instruments with tags.
- Managing the instrument related activities including servicing, maintenance and calibrations.
- Maintenance of **50-Ton capacity Steam Boiler, 35MW Steam Turbine and 64 M<sup>3</sup>/hr R.O plant.**
- Maintenance of **Continuous Emission Monitoring System CEMS** as per EPA Parameters.
- Proposing budget.
- Troubleshoot on **DCS & PLC** modules, Power supplies, monitoring systems and loops.

## **SKILLS:**

- SAP system.
- Pressure Handling.
- Microsoft Office.
- Internet Surfing.

## **CALIBRATION EQUIPMENTS:**

- FLUKE Multi Process Calibrator.
- Pressure, Vacuum and Hydraulic Bench Calibrator SPMK2000
- Water and Oil Baths for RTD calibration.
- High Temperature Furnace for thermocouple calibration verification.
- Field Temperature calibration equipment.
- Druck calibrator dp1611.
- **HART** Communicator 475 & TREX.

## **HSE AWARENESS:**

- Completely aware of safe work permitting system.
- Having training programs by SITARA HSE department including,
  - Work at height
  - Confined space entry
  - Line and equipment opening
  - Isolation of energy, lockout tag out system.

## **INTERESTS:**

- Reading technological advancement articles from any profession.
- Movies
- Numismatist

## **PERSONAL INFORMATION:**

Father's Name	:	Muhammad Gulzar
Date of Birth	:	04-05-1991
Religion	:	Islam
Domicile	:	Khanewal
Marital Status	:	Married
NIC No.	:	42101-6593402-3