



- Bachelors of
Mechatronics Engg.
- PEC # BEMTS/1053
- HEC ,PEC Certified
- Tourism Visa

Current Position:

Instrument Engineer

Current Job Location:

Wah Cantt. – Pakistan

Key Strengths:

- Commissioning & Testing
- PLC, DCS, SCADA
- Control Systems
- Instrumentations and calibrations
- Troubleshooting
- Mentoring/Training
- Implementation of Engineering Drawings
- Handling HMI Software

MUDDASIR BILAL MALE, 28, MUSLIM

- **Bachelors of Mechatronics Engineering (2008-2012) – Air University, Islamabad**

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Profile Summary:

A highly professional and result driven engineer, passionate to work in a pragmatic way in an organization with expertise in Electrical and Instrumentation, Control systems, plant operations and maintenance.

Organizational Experience:

Organization: **Askari Cement Limited, Wah Cantt. - Pakistan**

Designation: MTE (I&P)

Duration: Oct, 2017 – Present



Key Responsibilities:

- Calibration and installation of various process control field instruments including motorized valves, Temperature, Flow, Pressure and Level instruments as per standards and specifications of F.L. Smith GmbH.
- Trouble shooting in process instrument, adequate knowledge in interpreting P&ID and termination drawings.
- Verified and maintained instrument and equipment communications.
- Developing different maintenance and resources allocation protocols and conducting in-depth troubleshooting for failed instruments during shut down within pre-defined time with required quality.
- Troubleshooting and developing the logics for the various PLC systems of different areas of Cement plant.
- Ensuring safe and healthy work environment as per standards.

Organization: **ZRK Group of Industries, Mardan - Pakistan**

Designation: Instrumentation Engineer

Duration: Feb, 2015 – Oct, 2017



Key Responsibilities:

- Calibration, installation and commissioning of various process control instruments as per standards and specifications of Dieffenbacher GmbH MDF 700³/day 15MW Plant.
- Handling over all instrumentations of the plant including, Chipping, Refinery, Dryers, Glue station, Energy Plant, forming line and Station, Continuous press system (CPS), Board Quality analyzer by GreCon, Raw board handling, cutting and sanding, and Final board handling units.
- Trouble shooting in process instrument, adequate knowledge in interpreting P&ID and termination drawings.

- Monitoring and controlling knowledge of SCADA such as creating and configuring tags, alarm logs, maintaining database settings of communication parameters, animation and HMI.
- Installation and commissioning of spark detection system by GreCon & Minimax GmBH
- Providing technical support and training at sites of PLC, SCADA and I/O Devices.
- Understanding the backup and backup restoration procedure of various PLC and field controllers.
- Co ordination with other disciplines and providing necessary technical support.
- Troubleshooting and necessary modifications of PLC system (Siemens simatic S7 400) i.e., faults diagnosis and programming LAD logics.
- Coordination with production engineers / operators in maintaining smooth operation of plant.

Organization: **ZRK Group of Industries, Mardan - Pakistan**
 Designation: Project Engineer
 Duration: Feb, 2013 – Feb, 2015



Key Responsibilities:


- Preparation of Mobilization of resources at the beginning of a Project.
- Progress Monitoring of efficiency and take corrective measure to achieve target on time.
- Planning & scheduling all activities according to the area requirement available resources & health and safety requirement.
- Generating weekly & monthly reports for client & management review in Microsoft project.
- System wise Monitoring and controlling of piping/Ducting (Fabrication & Erection) which includes mechanical completion, Hydro testing, flushing & Reinstatement through P&IDs.
- Prepare Weekly Analysis to analyze Less Efficient Resources (Manpower, Equipment& raise flags to increase their Efficiency.
- Coordination with sub-contractors regarding on time achievement of targets & tasks.
- Maintaining engineering drawings and document's record.

Organization: **Sulphur Recovery Unit, Dakhni Plant, Jhand**
 Designation: Trainee Engineer
 Duration: Aug, 2012 – Oct, 2012



Key Responsibilities:

- To get familiar with all areas of plant/process and process instrumentation.
- Understand how to work with programming and OIS display program software of PLC.
- Understand the working principles of field instruments i.e. temperature, pressure, vibration, Flow, level sensors etc
- To get familiar with the calibration processes used in instruments section for different equipment.

Education	<ul style="list-style-type: none"> • B.E. Mechatronics Engineering from Air University, Islamabad (2008-2012). • F.Sc (Pre-Engineering) from WAPDA Cadet College, Tarbela. • Matriculation from Aamirr Public School, Rawalpindi.
Professional Training	<p>Hands on training on PLC based production line, 26 March, 2016</p> <p>PLC module: (S7-300 & S7-400) Simantic Step 7 Version 5.5</p> 
Professional Skills	<ul style="list-style-type: none"> • High proficiency in basic Software's (Microsoft office tools, AutoCAD) • Reasonable proficiency in engineering related software's (Ladder Logics / Simantic Siemens -Process control, Simatic PCS7 Siemens, WINCC&, IN-Touch HMI) • Working experience on Microsoft Project Professional. • Strong written and interpersonal communication skills.
Languages	<p>English (Fluent), Urdu (Native) and Punjabi (Native).</p>