

Ahmed Iqbal Khan



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Professional Experiences

Karachi Electric Corporation, (2014–2016)

Assistant Engineer Electrical

- Ensure proper testing of SP, TP, LT and HT Meters in Testing Laboratory.
- Ability to work on Landis & Gyr (Switzerland) testing bench for all type of energy meters.
- Ability to work on MTE Poland testing bench for all types of energy meters.
- Perform site testing by using Meter Testing Equipment on request of Business Units.
- Perform AMR meters testing in Laboratory.
- Cross check inventories of MTD store physically as well as on stock cards along with manager & DGM (Lab and Store) on monthly basis.
- Ensure issuance of meters, CT's, Consumer number plates, KESC Property numbers, Security slips, Meter seals etc.
- Correspond with outside agencies/meter manufacturers regarding Meter related issues.

SYSTECH, Saudi Arabia (2009–2012) (Projects of Ministry of Water & Electricity, Saudi Arabia).

Project Supervisor Instrumentation, Automation & SCADA

- Complete knowledge of Water & Sewerage Treatment Plants (Projects of Ministry of Water & Electricity, Saudi Arabia).
- Hands on experience of all kind of instruments and transmitters specially Endress + Hauser.
- Installation & calibrations of all types of instruments.
- Commissioning & testing of all types of Automation Panels and Instruments.
- Hands on experience of different types of Transmitters, Control Valves & Motorized Valve/Input & Output Signal/Maintenance, Installation and Signal Testing according to PLC program.
- Installation and Testing of different types of Level/Pressure Switches and their Interlocking Loops.
- Complete know how about connection between Instrumentation, Remote I/O's, PLC & SCADA Systems.
- Complete understanding of all kinds of Power, Control Wiring & as Built Diagrams.
- Installation of Automation Panels with MCC's.
- Hands on experience to install all kinds of Instrumentation on Process Lines & Tanks.

Projects Completed and Handed over to Ministry of Water & Electricity, KSA

- Al- Matri Water Treatment Plant Jizan.{WTP}.
- Beesh Water Treatment Plant Jizan. {WTP}.
- Madina al Munawarah Sewerage Treatment Plant. {STP}.
- Wadi ad Dawasir Water Treatment Plant. {WTP}.
- Al-Majma University Water & Sewerage Treatment Plants. {WTP} & {STP}.

- Al-Shaqra University Water & Sewerage Treatment Plants. {WTP} & {STP}.
- Al-Zulfi University Water & Sewerage Treatment Plants. {WTP} & {STP}.
- Al-Qatif Sewerage Treatment Plant Dammam. {STP}.

PROCTOR & GAMBLE Pakistan (2007 — 2009)

Electrical & Instrumentation Foreman

- Complete knowledge of Instrument Installation and Testing i.e. Pressure/Temperature/Flow & Level.
- Complete understanding of P&ID's, symbols of Instruments and their abbreviations with area orientation and overview of E&I Documentation.
- MCC electrical wiring circuits Instrumentation power /loop wiring diagram/E. stop circuit/Level switches).
- Complete know how using Multi Meter, Magger, Milliamp Source Process Calibrators and HART Communicator.
- Complete know how about Pressure/Temperature Gauge and its internal structure, method of pressure reading and handling in shut down (Installation/Removal & Fixing common faults).
- Complete knowledge of all types of Level/Pressure Switches and their Interlocking Loops.
- Hands on experience with FESTO Pneumatic Instruments. (Festo panels/Festo SOV/FV & its Pneumatic Supply/Troubleshooting.
- TCVs, PCVs & Pneumatic Cylinders Installation & Troubleshooting.
- Complete understanding of (Pressure/Temperature/Level/Flow). Working principle, Signal, Troubleshooting and Calibration.
- Complete know how about Control Valve/Working Principle/Input & Output Signal/Calibration/Maintenance.

GATRON Industries Pakistan (2006 — 2007)

Electrical & Instrumentation Supervisor

- Worked on Pressure, Temperature Indicators & Transmitters Level gauges, Flow meters, Manometers, Control Valves, Solenoid Valves, Pneumatics Valves and Regulator Contactors
- Overhauling Maintenance & Repairing of all types of Motors
- Installation & Maintenance of Closed Circuit Television (CCTV) Cameras and its software
- Installed Layouts of Conduits and Cables
- Repair and Maintenance of Electrical Equipment
- Installed & Repaired Wiring Fixtures & Equipment for all Electrical services.
- Construction of Instrument Panels.
- Tested Electrical Characteristics, such as Voltage, Resistance and Phase Angle in circuits by using various related meters
- Assigning and helping subordinates in preparation of daily activities & tasks to be completed, cooperative team player with the ability to work independently

On Job Trainings & Workshops

Safety:

- Basic HS&E Training.
- Lock Out/Tag Out of Energy Sources.
- Work Permit System (Cold, Hot, Confined Space & Hazardous)
- Fire Protection System.
- Advanced Electrical Safety Training, Electrical Hazard survey
- Behaviour Observation System (BOS)
- Emergency Response System

Core Trainings:

- Production Documentation and Production Planning.
- Spare management & Inventory Control System.
- Preventive Maintenance and Scheduling.
- Validation and Change Control System.

Achievements

- Silver award for building successful business in 2007 By Procter & Gamble Pakistan
- Appreciation for complete installation of Instruments & Automation control system at Wadi al Dawasir Water Treatment Plant {WTP} (Project of Ministry of Water & Electricity department, Saudi Arabia).
- Appreciation for upgrading SCADA program & installing new Siemens S7 PLC at Al Madinah Munawarah Sewerage Treatment Plant {STP} (Project of Ministry of Water & Electricity department, Saudi Arabia).

Computer Skills:

- MS- Windows 98, XP and Windows 7, Windows 10
- MS-Office 2007,2010 & 2013
- Internet & E-mailing
- Computer hardware

Educational & Professional Qualifications

- Bachelors of Technology(Electrical)
Institute: Preston University Karachi
Technology: Electrical
Position secured: 1st Division
- Diploma of Associate Electrical Engineer.
Institute: St. Patrick's Institute of Science & Technology.
Technology: Electrical
Position secured: 1stDivision
- Matriculation
Board of: Secondary Education, Karachi
Group: Science
Position secured: 1stDivision

Personal Information

Nationality: Pakistani
CNIC #: 42401-0948149-3
Pakistan DL # 42401-0948149-3#136
KSA DL # 2293313280
Passport #: AZ4111492
Marital status: Unmarried
Religion: Islam