# **Imran**

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# **BSc Electronics Engineering**

SUMMARY:

I am looking for a good position in the field of Instruments and Electrical in a prestigious company where previous skills and capabilities can be put to efficient use. I possess effective organizational skills and the ability to supervise a team and develop the final output.

**ACADEMIC QUALIFICATIONS & PROFESIONAL CERTIFICATIONS:**

Bachelor’s in Electronics Engineering (HEC ,Forign office Attested)

IOSH Managing Safety, UK Certificate

03 YEARS OF PROFESSIONAL EXPERIENCE:

Current Experience: Hyundai Engineering & Construction (Jan 2015—Aug 2016).

Project: Up-Gradation project of Attock oil Refinery Ltd (ARL).

Designation: Instrument Engineer (Commissioning).

Previous Exp: Attock Oil Refinery (Aug 2013---Sep 2014)

Designation: Trainee Management

**Responsibilities:**

About 3 years of experience as an Instrumentation engineer in detailed maintenance commissioning and development co-ordination of instruments and control systems. Implementing Factory Acceptance Tests (FAT), Site Installation Tests (SIT), Site Acceptance Tests (SAT) and approving check sheet of various components of Integrated Process Control & Safety Systems; DCS, ESD Fire & Gas, and HVAC.

* Involve in Commissioning & maintenance of steam generation system (BMS & BCS) and HVAC.
* Checking DCS Hardware as per drawing and preparing readiness for SAT (Site Acceptance Test).
* Maintenance and calibration of transmitters PT, LT, TT, DPT (Emerson, Rosemount, Endress, ABB).
* Technical review of detail engineering documents including general specification for Instruments, P&IDs, instrument datasheets, hookups, instrument sizing sheets, isometrics and DCS/PLC I/O list.
* Familiar with various loop diagrams as Control Loop Diagram, Logic Diagram, Process flow Diagram.
* Commissioning & maintenance of addressable Building management System (BMS) Honeywell XLS-3000.
* Planning and Execution of daily Electrical commissioning activities of project.
* Commissioning of IP base (CCTV) Cameras and associated NVR System.
* Attending the Problem of ATOM HEC E&I Execution Meeting with ARL.
* Commissioned and function test of LV/MV ABB switchgear.
* Function test and calibration of pneumatic valves, SOV’s and Pressure Switches.
* Loop check and Function test of Gas Detector (GD), Toxic Gas Detector (TGD) and Gas Addible Alarms.
* Involving in Sequence logic test with client & start-up of steam generation system.
* Hot loop check & cold loop check and function test.
* Fully participate in start-up of steam generation system.
* Review of control narrative and cause & effect.
* Review of control narrative, cause & effect, punch closing activity at site with Client Project related issues.
* Profibus Communication between PLC and remote IO’S.

**Standardized Equipment:**

Well versed, expertise in the use of following Test & Calibration Equipment

* HART (475, 375).
* RTD Simulator (Memo call 2000).
* Mili ampere source (Fluke).
* Meger tester.
* Dead weight tester.
* Temperature bath (Amtex).
* Prova simulator

**IT Skills:**

* Operating systems : Windows XP, 7,NT.
* Programs : Office Tools , AutoCAD
* Programming languages : Visual Basic, C++
* PLC Programming : Ladder Diagram, FBD.
* Control Programs : Siemens & H oneywell Experion C300 DCS,GE PAC8000,Honeywell Safety Manager

**Achievements:**

* Commissioning of steam generation system that capacity 26 tons of each boiler.
* Commissioning of Honeywell IP (CCTV) Cameras and NVR System.
* I will be awarded the IOSH ‘Managing safely ‘certification.
* Working on GE Safety net PAC -800 PLC, Honeywell DCS C-300.
* Verifying the logic of BMS and BCS to client.

**Safety Practices:**

* I will be awarded the IOSH ‘Managing safely ‘certificate upon attending the course and successfully completing both written and practical assessments.
* Ensures a safe working environment for himself and the i&c technicians whilst working on any equipment.
* Ensures that all necessary tools are available to ensure safety whilst working on equipment;
* Points out any unsafe conditions to Management.

PROFESIONAL MEMBERSHIP:

* Pakistan Engineering Council

Availability

* Earliest start date: Given 1 weeks’ notice.

**Declaration**

* I hereby declare that all information stated above is true to the best of my knowledge.