

IFTIKHAR ALAM

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PEC REG #: ELECTRO/25729

Objective

To be a part of a professional Organization operating in challenging and healthy work environment where I can gain practical knowledge and experience in electrical and electronics sector by utilizing my knowledge and skills as **Electronics Engineer** for the organizational growth and success.

Education

2012 to 2016	B.E Electronics Engineering PAF-Karachi Institute of Economics and Technology, Karachi Pakistan.
2009 to 2011	Intermediate (Pre-engineering) NCR-CET, Karachi Pakistan.
2007 to 2009	Matriculation (Science) YAQUEEN MODEL School, Karachi. Pakistan.

FINAL YEAR PROJECT

Description:

The project is aimed to design a system to monitor health parameters and control movement of traffic.

Organization: PAF KIET

PROFESSIONAL TRAINING/COURSE

1. Safety course

- **IOSH** Managing safely (**UK Certified**) Course From Pak Safety Solution.
- **HABC** Level 2 International Award in Risk Assessment.
- **HABC** Level 2 in Fire safety.
- **HABC** level 4 safety officer.

Continuing course

- **NEBOSH** IGC.

2. Sina Institute Of Networks And Aesthetics

PLC AND SCADA

- Siemens s7 200,s7 200 Smart,s7 300,s7 400,s7 1200
- Step 7 microwin, step 7 microwin smart
- TD 200 HMI
- Wincc
- WinTr
- TIA
- Alarm Management

Experience

PAF-BASE Minhas, Aeronautical Complex Kamra(3-weeks, Dec-jan 2015-16)

I worked with different departments but specified with Electrical and Instrumentation.

RADAR OVERHAUL Ground Based Radar (Rebuild/Overhaul)

- Refurbishment / testing of all major assemblies and modules including.
- RF and high power modules and Testing and checking backlash of gears.
- Automated testing of digital cards and Refurbishment of electrical systems.
- Fault diagnosis using generic testers like PINPOINT.
- Complete refurbishment of cables and ducting.
- Structural repair of antenna and cabin and Refurbishment of vehicle structure.

Skills

Technical:

Software Skills .

- Solid works for 3D-designing.
- Proteus, Multisim for testing circuits.
- PLC and Scada.

Hardware Skills

- Charge controllers used for sourcing.
- Rectifier using diodes.
- DC motor controlling circuit.
- Linear integrated circuit analysis.
- Temperature measurements using LM35
- Boost, Buck converters

Communication Skills

- Documentation.
- Report and writing skills.
- Material management.
- Public meeting and survey.
- Time management.

Interpersonal:

- Negotiation
- Decision making
- Positivity and honesty

INTERESTS

My interest is based on my career including security factors, simulation and modelling, energy management and crises, instrumentation and electronic equipment.