

## ALTAF HUSSAIN (B.E Electrical)

Email: [altaf077pk@yahoo.com](mailto:altaf077pk@yahoo.com)

Cell#: +966 582021909



### OBJECTIVE

To attach with an organization that may provide me maximum opportunities of professional, personal and financial growth and may utilize my all-technical and personal skills.

### EDUCATION

Degree/ Certificate	Major Subjects	Division	Passing Year	University/ College
B.E	Electrical	I <sup>st</sup>	2013	QUEST Nawabshah
H.S.S.C	Pre-Engg	I <sup>st</sup>	2008	MPS College Swat
S.S.C	Science group	I <sup>st</sup>	2006	Al-Farooq public school Swat

### ***FIVE(5) YEARS OF WORK EXPERIENCE***

### EXPERIENCE

***Working as an Electrical Engineer with Advance Vision Company, King Salman Air Base Riyadh.***

#### **Duties and Responsibilities:**

- Provide BAK-14, BAK-12 and 500s Aircraft Arresting System (AAS) training and maintenance scheduling, recurring maintenance under the supervision of Royal Saudi Airforce (RSAF).
- Inspect equipment for malfunction.
- Oil, greases and adjusts equipment and make minor repairs.
- Make periodic inspections to see that all the accessories of the equipment are operating properly and are in good condition.
- Maintain consumption and production record.
- Assist technicians according to the equipment.
- Maintain inventory lists and requisition supplies, materials and repair parts.
- Make reports for defects and recommends improvements, alterations and repairs.
- Perform documentation and report writing and submitting to Air Traffic Control (ATC).
- Knowledge of safe work practices and Personal Protective Equipment (PPE).

***Worked as a Site Engineer Electrical with 115kv/13.8kv of NARTEL CONTRACTING COMPANY, Al-Hassa.***

#### **Duties and Responsibilities:**

- Conducting Site inspection along with Project Consultant.
- Coordination with Consultant for installation of electrical system.
- Site supervision and managing the manpower.
- Responsible for giving instructions to technician regarding drawing .
- Responsible for project inspection of all on-going electrical works and electrical installation.

## TRAINING

- Prepare material submittals for approval to consultant.
- Responsible for Medium voltage and Low Voltage , cable laying, dressing of cables in ladder tray.
- Project co-ordination with Client.
- Assigning tasks to sub ordinates.
- Attending meetings regarding site issues.
- Making daily and weekly target's achievements reports.
- Managing and supporting all the team.
- Ensuring the quality of materials received as per the standards and specifications.
- Responsible for erection and installation of Switch gears,Bays, Electrical panels, instruments, circuit breakers and transformers.
- Installation of Cable trays(750mm,900mm).
- Installation of SWG panels along with Coupling and Torquing of panels.
- Installation of Protection panels, Control panels, ACDB,DCDB, Battery charger.
- Supervise and Monitor the Termination of Cable to the panels.
- Cable pulling for AC, DC, Control and Power.
- Installation of GIS with Gassing and Degassing.

*Worked as Electrical Engineer with 500KV Grid station of NTDC (National Transmission & Dispatch Company), Islamabad Pakistan*

### **Duties & Responsibilities:**

- Familiar with Transformers, Breaker failure and Bus-bar protection scheme.
- Performance of the routine shutdown for the detail testing of protection system and general equipment maintenance of the substaion.
- Interpretation of drawings, specifications and field issue.
- Attend the supervision of different bus-bars.
- Attend all carrying out inspection of cable testing and electrical equipment on site.
- Responsible for giving instructions to technician regarding to the use of various Electrical equipments..
- Responsible for Bus bar Insulation, Bus bar high voltage, and Contact Resistance test.
- Responsible for Medium Voltage and Low Voltage Cable laying, dressing of Cables in ladder tray.
- Supervise Quality Control and Quality Assurance.
- Protection scheme check and trip logic test for all Protective circuits.
- Testing of all types of protection Relays (Distance relays, over current relays, differential relays etc).

*Worked as Testing Engineer in High Voltage & Short Laboratory Islamabad, Pakistan*

### **Duties & Responsibilities:**

- Testing of all ratings of transformers
- Testing of cable insulation
- Testing of different oil use in transformers
- Testing the mechanical strength of insulators

***Worked with the 132KV Grid station Swat Pakistan as Junior Electrical Engineer.***

**Responsibilities :**

- Protection of over all Grid station.
- I acquired profound knowledge of Maintenance/Fault tracing/Trouble shooting.
- Attending Breakdowns at large number of Grid stations and transmission lines.
- Attend the supervision of repairing of a large number of substation electrical equipment like power transformers, C.B`s etc.
- Site supervision and managing the manpower.
- Material take off for the cables, conduits, power and lightning system.
- Regular site visits and completion of investigation reports on daily basis.
- Executing the work as per the bar chart.
- Coordinating with the consultants.
- Completing work, as per the drawing and specification.
- Interpretation of drawings, specifications and field issues.
- Assist Project Manager in organizing, controlling, monitoring and recording.

**FINAL YEAR  
PROJECT/THEISES**

**Voltage Sag & its Impacts on Power System as a Group Leader**

- Types and Location of faults.
- Fault Analysis: Nature and severity of fault at different location.
- Nature of fault:
  - ✓ Line to Ground fault
  - ✓ Line to Line fault
  - ✓ Double Line to Ground fault

**ACHIEVEMENTS**

- Lead the final year project group to complete the project and report writing in the available time period.
- Graduated with first class honours.
- Awarded for best academic record in the school and college.

**INTEREST AND  
HOBBIES**

Plantation, Reading books, Net surfing, Jogging, Cricket.  
Microsoft Office  
Highly skill typing  
Highly knowledge of internet research

**LANGUAGES**

English, Urdu, Arabic

**DISTINGUISHED  
FEATURES**

- Ability to work independently, and manages variety of activities.
- Ambitious, extreme patience, confident and responsible.
- Stimulate other people to cooperate together, good ability to adapt to multicultural environmental; intermediary and problem solver.
- Good command over MS office and Electrical related Softwares.

**REFERENCES**

To be furnished upon request.