**Ans Mehmood** | Curriculum Vitae

Ward No 14/E House # 122 Kot Addu 34050

Cell: +92 3154135889 Email: [anspattal2019@gmail.com](mailto:myname@hotmail.co.uk)

Seeking a promising career as an Electrical Engineer position providing me the opportunity to apply and enhance my current Engineering skills while contributing constructively towards the growth of the organization.

**Employment**

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| **Rousch (Pakistan) Power Plant** | **Abdul Hakim** |
| + Assistant Engineer Electrical Maintenance | December 2015–Present |
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Currently working as an assistance engineer electrical maintenance in M/S Descon power solutions at 450MW CCPP Rousch power plant responsible for maintenance of electrical apparatus i-e 3x150MVA SIEMENS turbo generators, 3x175MVA 500kV/11kV power transformers, 11kV switchgears and 500kV switchyard (One and half breaker scheme). Part of the team for ABB Generator Circuit breaker (11KV, SF6) overhauling. Maintenance and inspection of all electrical apparatus during HGPI 2017. Part of Siemens T3000 upgradation project team during major outage.

**Responsibilities:**

* Schedule and undertake periodic maintenance on all electrical apparatus.
* Daily reporting to the management about the ongoing and planned jobs.
* Minor and major outage jobs planning and resources management.
* Maintenance and inspection of 500kV switchyard components.
* Maintenance of Oil Immersed Transformers (up to 175MVA).
* Maintenance of off-circuit and on-circuit tap changers.
* Maintenance of dry type transformers.
* Maintenance of HV and LV motors.
* Maintenance of LV and HV switchgears (Vacuum type Circuit breakers).
* Maintenance and inspection of 150 MVA generators.
* Maintenance and inspection of generator excitation system.
* Insulation, winding and core health testing of generators and transformers (C&DF, SFRA, ELCID, PD).
* Maintenance of HVAC System (CCR condensing units, AHUs, Window AC, Split AC and Float type ACs).
* Testing of 500kV switchyard components (CT, CCVT, Surge arrestors and Circuit breakers).
* Condition monitoring of electrical apparatus i-e DGA of transformer oil, PD measurement of generators, transformers and HV motors, IR measurement, Flux data of generator, borescopic inspection of generator rotor, thermography of HV apparatus.
* Well familiar with safety system including work permits, electrical safety standards.
* Maintenance and load testing of plant batteries (200AH, 300AH and 600AH).
* Plant modifications planning and execution relating to electrical department

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| **CNS Engineering** | Lahore |
| + Site Engineer Electrical | April 2015-November 2015 |

* Supervised the installation work of Cable trays and GI Conduits, cable laying and cable pulling for IBAS and ICT services.
* Integrated Building Automation System IBAS (Fire detection, Firefighting, Fire suppression, HVAC control, Plant room control, Automatic Parking guidance system) And ICT (Information and communication technology) services like internet, telephone.

**Trainings**

* One day First Aid and Firefighting training from SGS
* Internal Auditor Training according to new ISO Standards from DASPAK.
* Risk Assessment Training according to ISO 9001:2015 Quality Management from SGS
* Three days First Aid and Firefighting training

**Key Skills**

* Able to work well in teams, or on own initiative when necessary.
* Willing to learn new skills and make a contribution.
* Good fault finding and diagnostic skills for timely repairs and completing work on time.

**Education**

Academic Qualifications. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

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| **University of Engineering and Technology** | **Lahore** |
| + BSc ( Hons) in Electrical Engineering (Power) | 2010–2014 |
| **Govt. Post graduate College** | **Kot Addu** |
| + FSc Pre Engineering | 2008–2010 |
| **Laoh-O-Qalam Science Secondary School** | **Kot Addu** |
| + Matric Science | 2006–2008 |
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**Software Skills**

* MS Office 2007, 2010, 2013
* MATLAB
* ETAP
* Maintenance Controller, Stores Controller, Eclipse II, SAP/ERP
* Mitsubishi PLC Trainer
* Windows 10, Windows 8, 8.1, Windows XP, Windows 7

**Personal Interests**

* Travelling, Cricket, Football, Research Papers

**Personal Info**

* D.O.B: 12 December 1992
* CNIC: 32303-9647581-9
* PEC # Elect/49274

**Reference**

* Available on demand