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**SKYPE ID: numan.hashmi100**

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| **OBJECTIVES** |

To contribute positively in a renowned organization as an individual and a team player gain experience by applying theoretical knowledge effectively as an electrical engineer.

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| **EMPLOYMENT** |

**Designation: Assistant Electrical Engineer**

* Working as Assistant Electrical Engineer at **SHEIKHOO SUGAR MILLS PVT LTD.**from Aug 2014 to Aug 2015.
* Responsible for safe and smooth operation of 21 MW Power Plant.
* Report to Electrical Engineer. Lead a team of electricians.
* Conducting an important role for Load management, power factor & generation status report.
* Overhauling of cooling towers motor, lube oil, purifier motors, cooling water pump motors and compressor motors.
* Major overhauling of synchronous generators and related Auxiliaries.
* Installation&Comissioning of VCB & H.T/L.T panels, Transformers.
* Insulation testing of generator and transformer windings and motors.
* Trouble shoots Plant electrical problems to determine their reasons and recommends options for eliminating such problems.
* Prepare and study technical drawings, specifications of electrical systems, and topographical maps to ensure that installation and operations conform to standards and Load Requirement.
* Termination of MCC control and power circuits of Conveyers Belts, Centrifugals Refines Machines.
* Perform detailed calculations to compute and establish manufacturing, construction, and installation standards and specifications.
* Inspect completed installations and observe operations, to ensure conformance to design and equipment specifications and compliance with operational and safety standards.
* Determine the Cable Size according to Load requirement.
* Maintenance experience of switch gears HT, LT, magnetic Contactors, and Relays of Three Phase power supply and control system.
* Maintenance of Plant instrumentation, Limit switches, selector Switches, Temperature sensors.
* Maintenance of VSD (Variable Speed Drive)
* Handling Routine, Preventive and Predictive maintenance of all Electrical equipments.
* Solar Power Generation, Installation strategies for solar panels& Battery Backup system.

**Designation: Project Engineer**

* Working as **Project Engineer at NEIE CHINA (North East International china electric Power Lahore)** from Nov 2015 to present. 
* Responsible to check the all activities at Site 220 KV CHISTIAN and 220KV VEHARI substation.
* Supervise the team of electricians and workers for installation and commissioning electrical equipment’s.
* Responsible to check all the termination work according to as per drawings.
* Erection of SF6 Gas Circuit Breakers and installation of Control Panel
* Inspection of SF6 Gas leakage and overhauling of SF6 circuit Breakers at 220/132kV Substation CHISHTIAN
* Oil Dehydration of AUTO Transformer 160MVA at 220/132kV Substation CHISTIAN
* Complete installation and Termination of cables in Mk (Marshaling Kiosk) to All Electrical Panels.
* Attend the meeting to NTDC Board about work discussion at the site.
* Technical Support in modification of existing Grid Station.
* Designing of SLD (Single Line diagram) to commissioning of Grid.
* Inspecting and providing the material according to NTDC standard at site.
* Installation of Line Trap at 220/132kV Substation CHISHTIAN.
* Installation and commissioning of LMU (Line Matching Unit) &PLC for Telecom and Scada System.
* Installation of Optical Fiber for Tele Protection on 220 kV transmission Line.
* Installation of OPGW Box and ODF at substation for Communication another remote station thorough OPGW and Optical fiber(24 fiber)
* Installation and Commissioning of Battery Charger with 48V Battery Bank for Telecommunication system.
* Testing of Electrolyte of 220V Battery Bank and also 48 V Battery Bank.
* Report to senior electrical engineer about site work completing and pending.
* Inspection of protection Equipment’s according to Wapda Specification.
* Selection of Power & control cables according to load requirement also Conductors for stringing as per specification.

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| **PROFESSIONAL QUALIFICATION** |

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| BSc Electrical Engineering(Power) | Islamia University Bahawalpur | 3.15/4.00 | 72% |
| INTERMEDIATE | Govt Emerson College Multan(Bise Multan) | 837/1100 | 76% |
| MATRICULATION | Govt High School Multan(Bise Multan) | 703/850 | 82% |

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| **NTERNSHIPS** |

* Worked as Internee at **Mepco (Multan Electric Power Company)** 2012.
* Worked as internee at **Thermal power station Muzaffargarh** (2014).

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| **WORKSHOPS&CONFERRENCES** |

* Attended Mat lab Workshop At UCET(2011)
* Attended Workshop on proteus, Work bench software (2012).
* Attended Conference on Reduce the energy crisis (2013).
* Organized Voices of Community Seminar (2014).
* Attended seminar on solar energy utilization (2014).

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| **SENIOR DESIGN PROJECT** |

* 6uElectrical Hybrid power System using (solar power, Wind power) and synchronized with WAPDA to generate, transmit power to consumer at minimum reliable cost

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| **TECHINICAL SKILLS** |

* MS Office(Word,Powerpoint,Excel)
* MS Visio
* MatLab
* Simulation

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| **INTERSTS** |

* Sports , Cricket, Football
* Internet surfing
* Cars and Heavy bikes
* Research

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| **REFFERNCE** |

Details available on demand.