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| Sattar **Electrical and Instrumentation Engineer**Mob: C/o 0501685421 Email: sattar.369394@2freemail.com  | Description: E:\Personal\For Mail Data\CV, CNIC, PASPORT, PIX\IMG-20151114-WA0049.jpg |

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|  | **Executive Summary**An Electrical engineer having about ***4 Year of professional experience*** with sound knowledge of Power Transmission, distribution, utilization and Power Generation. Demonstrated strong competencies in project engineering, site supervision and technical team leadership with remarkable skills in spearheading and coordinating with workers to ensure specifications are being followed moreover work proceeds on schedule and in strict compliance with safety and quality standards.**Strengths:*** Well-trained & Experienced Electrical Engineer
* Handle Work Pressure with Ease & Efficiency
* Motor Drives Soft starters & VFDs
* Sound knowledge of Switchgear & Electrical Panels
* Maintenance, Troubleshooting & Commissioning
* LV Designing & Calculations

**ProfessionalExperienceCareer:****Zealcon Engineering Co, Pvt, Ltd Pakistan**Designation : Electrical Engineer Client : DG Khan Cement (HUB Project Baluchistan)Duration : FEB 2017 to Continue… **Deportation Prison Sharja (Construction Project)**Company : [Trans](https://www.facebook.com/pages/Ahmed-Electrical-Services/177588442427093?ref=br_rs) Emirates Electrical & Mechanical LLC (Abu Dhabi)Designation : Electrical EngineerDuration : 2016 to 2017 **Fatima Fertilizer Comlexpvt, Ltd Sadiqabad (Shutdown)**Company : Descon EngineeringDesignation : ASST: EngineerDuration : 07/10/2015 TO 25/11/2015**Zealcon Engineering Co, Pvt, Ltd Pakistan**Designation : Trainee Engineer Client : UEPL (United Energy Pak Ltd) Duration : 07/10/14 TO 28/09/2015* Installation cable tray and Cable laying for HV MV LV. Primary and secondary Earthing for Overall system.
* Earth electrode resistance and Continuity of protective conductor.
* Motor drives soft starter, Inverters, Star delta, DOL, Reverse Forward Rectifiers & VFDs
* VC Breakers, AC Breakers, OC Breakers, SF6 Breakers,
* Magnetic contactors ,overload relays, timers
* 11KV and 3.3KV Switchgears, Power factor correction, Short circuit analysis.
* Worked on Cable schedules, JB schedules,
* Installation of 125V DC Battery backup system for 11KV, 6.6KV & 400V switchgear controls.
* Installation of 2x1250KVA Power Transformer with OLTC & 2x500KVA Unit Aux Transformer
* To manage all activities of Instrumentation as per construction schedule and monitoring over all Activities included DCS, PLC Installation and interfacing with Marshalling and ESD panel.
* To confirm the Installation of Instrument transmitter and control valve as per approved drawing.
* To confirm Instrument air line and impulse tubing installation as per hookup drawing.
* To check installation of DCS and ESD system as per installation drawing.
* To verify loop test as per loop drawing and owner specification.
* Loop Check from DCS to Marshalling cabinet and Marshalling cabinet to field.
* Installation and Calibration of the Temperature, Pressure and Vacuum Gauges. By using Jofra and Druck Calibrator. Calibration of the Transmitters Foxboro, Honeywell (smart) and Rosemount by using Smart Communicator Field Calibrator 475.
* To confirm the DCS/ESD function test correct.
* Continuity test, Functional test, Loop test by as per cable schedule, I/O list, Cause & Effect
* PSV testing as per approved data sheet.
* Panels, Lighting & small power systems lightning protection system Grounding system. Fire alarm detection system HVAC system Fire & gas detection system.

 CCTV, Access control, Fire Alarm & all security Equipment.* Performing required maintenance on the system installation.
* Smooth execution of work at site according to approved standards & drawings
* Evaluation of feasibility of drawings with respect to site condition and make necessary changes in coordination with design team to freeze final drawings.
* Review and evaluate contractor and subcontractor quality document submittals.
* Monitor contractor quality system records and quality personnel for compliance with requirement. To confirm the site work on surveillance basis and to check all the work as per drawing and project, Specification.
* To verify that the performance of the installed equipment/systems meet with the specified design intent through a series of tests and adjustments.
* To capture and record performance data of the whole installation as the baseline for future operation and maintenance.
* Obtain design drawings and specifications and to be thoroughly acquainted with the design intent
* Review approved shop drawings and equipment schedules
* Check manufacturer’s operating instructions and statutory requirements
* Physically inspect the installation and equipment to determine variations from designs and specifications.
* Check individual components, e.g. key switches, control equipment, circuit breaker status, and etc. for proper position and settings for completeness of installation.
* Check inclusion of manufacturer’s typical equipment testing data or factors before T&C of particular equipment.
* Functional Performance Tests
* Tests and Inspections during Construction
* Visual inspection
* Serving and troubleshooting all security system related problem.
* Training on the usage of security Equipment.
* Technical evaluations of tenders.
* Procurement of materials & tools.
* Prepare To do list, Check list & Punch list.
* Monitor progress & prepare monthly progress reports.
* Effective utilization of resources & Man-power management to increase productivity.
* Implementation of HSE & conducting tool box talk.
* Responsible for all work from Execution till, reporting to Manager (E & I).

**Internee Career Snapshot*** **Internee Engineer-*KotAddu Power Comp, Ltd***

Gas Turbine Power Station KotAddu*01-07-2010 To 30-08-2010)** **Internee Engineer-*Moiz Textile Mills Ltd.***

30Km Raiwind Road Lahore*(10-07-2011 To 01-09-2011)** **Internee Engineer-*Pakistan Railways, Power House Mughalpura LHR***

*(June 2013 -Aug2013*) * **Internee Engineer**-***National Transmission & Dispatch Co.***

(NTDCL) 220KV Grid Station, Wapda Town, LHR(*June 2014 – Aug 2014)*Technical Skills**Control with PLCs*** PLCs & Control drawings
* Proficient in Microsoft Office, Internet explorer and Project.
* Planning scheduling, Updating & Resource assignment for project
* DCS Distributed control system
* Locating the digital and analogue I/Os

**Personal Skills & Strengths*** Effective communicator
* Tender documents
* Technical specification and data sheet.
* Procurement related document.
* MTO’s and cost estimates.
* Man hour analysis and project schedules.
* Good research and report writing skills
* Good Learner
* Problem solving

**Educational & Personal Detail**Bachelor of Engineering & Technology in Electrical 2010 To 2014University of Lahore, Lahore campus.DAE Diploma of associate Engineer in Electrical 2007 To 2010Punjab board of Technical Education LahorePTW Permit to work acceptor trainingDate & place of Birth : 04th January 1991Nationality : PakistaniStatus : Married**Proficient in reading, writing, listening and speaking abilities of following languages**:* **English.**
* **Arabic.**
* **Urdu.**
* **Punjabi.**
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