

CURRICULLUM VITAE

Mohammed Imran

Electrical Engineer

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CAREER OBJECTIVE:

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

PROFESSIONAL SUMMARY:

Having **6year's** Professional experience as an Electrical Engineer. Familiar with execution, inspection procedures, drafting, design, standard procedures and other applicable code standards.

Educational qualification:

- Bachelor of Engineering (BE) in Electrical & Electronics.

Work Experience:

Mar 2017 to present **Team Lease Services Private Limited**

Wardha Solar Private Limited (Adani Green)

100MW (33kV/220kV), Madhuvanahalli (India)

Senior Electrical Engineer

- Responsible for Erection of Structures and Modules by coordinating with Civil Team, Structure Team and Contractors.
- Conduct inspection of cable routing for laying HT & LT underground cables by excavating trench as per client approved specifications.
- Monitor and motivate working manpower at site to accomplish the project activities on daily target basis.
- Erection of HT Switch gear panels, SCADA, UPS panels and cable terminations and cable tray fabrication for power and control cables in MCR.
- Responsible for Installation of Combiner Boxes (AC breaker 250A), String Inverters (500V AC) and termination of cables in Combiner boxes and Inverters.
- Responsible for erection and installation of all outdoor Electrical HT (630A VCB, 25kA, 33kV) & LT (ACB 3200A, 50kA) panels, Transformer ONAN (33kV, 5MVA).
- Perform detailed energy production modeling calculations, string sizing, and PV array to inverter matching, voltage drop, as well as orientation and inter-row spacing analysis
- Stringing of cables from solar module to inverters and its termination.
- Erection and termination of Non Segregated bus duct (3200A, 1100V, 10m) from each LT panel to transformer (IDT).
- Checking and Certification of measurement/quantity of work executed by contractors and processing the bills.
- Provide necessary earthing (laying below ground) and lightning protection system for module area and respective blocks as per specifications.

Oct 2016 to Jan 2017 **Trion Solar Power**
3MW Roof Top, Karnataka (India)
Project Engineer

- Erection of Solar rooftop modules along with cable stringing from module to inverter
- Preparation of Bill of Quantity (BOQ)/Bill of Material (BOM) for the electrical system Equipment and quantification of all the items.
- Manage the manpower involved on installations, delegating the tasks, guiding and overseeing their operation.

Jan 2013 to Jun 2016 **Saudi German JC Eckardt GmbH**
Retrofit Project, Siemens AG, Saudi Arabia
Saline Water Conversion Corporation (SWCC), Al Jubail
Electrical Engineer

- Executed complete electrical erection activities of Phase (2A & 2B) power units having generating capacity of 500 MW from each phase.
- Erection & Commissioning of 100 MW steam turbine-generator set (Siemens) and overall of 1000 MW (Phase 2A: 500 MW, Phase 2B: 500 MW)
- Installation of Relay, Marshaling & UPS panels required for DCS up-gradation for Siemens **SPPA - T3000 Control System** along with power & control cable termination at ends. Cable tray fabrication, cable laying and termination of power & control cables as per client specifications.
- Involved with the electrical execution team for completion and termination of switchgears, MCC, Motors, Junction boxes all other Electrical & Instrument panels power cables.
- Erection of switchgear panels for each unit with the transformer rating voltage 14kV at each unit

Sep 2012 to Dec 2012 **Al Manar Arabian Corporation (Saudi Arabia)**
MARAFIQ, Al Jubail, Saudi Arabia
Industrial Waste Water Treatment Plant (IWTP-8)
Electrical Engineer

- As a Site Electrical Engineer worked in Biological Tank Area and Tertiary treatment area.
- Making materials submittals as per project and submitted to the QC department for approval to commence the work.
- Installation of diffusers, hoppers and Junction boxes.
- Cable laying and termination (Power & Instrumentation).
- Executed electrical & instrumentation works as per Royal Commission Standards.

Nov 2011 to Feb 2012 **Al Latifia Trading & Contracting (Saudi Arabia)**
Saudi Aramco, Saudi Arabia
Corporate Data Center, Dhahran
Electrical Supervisor

Aramco's Corporate Data Center (CDC) is biggest tier-3 data center in Middle East located in Dhahran, Saudi Arabia spread over 6000 sq.mm

- Conduct cable meggering, cable tray fabrication, cable termination as per Saudi Aramco Engineering Standards (SAES).

- Supervise installation of power outlets, panels (MDB, load centers), fire alarm devices, low current outlet for telephone, CCTV installation along with the control cable laying and termination.

Feb 2010 to Apr 2011 **Konstelec Engineers Private Limited (India)**
JSW Steel Works, Bellary

Steel Plant Expansion, SMS-II (10 MTPA)
Electrical Engineer

- Hands on site experience in Basic Oxygen Furnace (BOF), Continuous Casting process (CCP) of Steel Melting Shop (SMS).
- Erection and commissioning of LT & HT panels in MCC.
- Cable tray fabrication, cable laying and termination of HT & LT motors, Junction boxes (JB), RIO, PLC panels as per P & ID received from client.
- Installation, commissioning and interfacing of all instruments with PLC such as Load cells, lance oxygen, conveyer system, transmitters and the whole converter system.

Job Responsibilities:

- Planning the activity of project by considering the scope of work.
- Believe in the objective for a successful completion of project as an engineer two things are utmost important: first safety and second following standards while work is being carried.
- Coordinating and planning project activities in accordance to issued construction program and as per the instructions of project manager/engineer.
- End to end responsibility of project execution with ability to take complete charge of the project from start to finish, which provides with a tremendous amount of control as well as responsibility
- Witness and monitor electrical work based on client standard as well as engineering standards of NEMA, IEC, NEC, ANSI, ASTM, IEEE, NFPA.
- Following nation's building code standards as well with respect to the location of the site such as BIS, BS, IER, ARAMCO, SABIC etc.
- Inspecting installation jobs, Design execution as per drawing and making changes according to the site condition called as Red Line Diagram.
- Witness Hi-Pot test, Earth test, winding resistance test, turns ratio test, vector group test for Transformers.
- Knowledge of load calculations, sizing of transformer, generator, UPS and cable selection.
- Weekly meetings with all discipline Engineers and Supervisors involved in the project.
- Coordinate with Electrical Supervisors and Engineers to monitor and close punch list items prior to energization.
- Ensuring implementation of quality control and procedure.
- Making materials submittals as per project and submitted to the QC department for approval to commence the work as per FQP.
- Manage and Review the design phase of project including Technology Selection, Civil and mechanical structures, Electrical Connection, Distribution and Control Systems, Power Conditioning Systems for Photo Voltaic power plant.
- Independent review of solar PV designs, testing/commissioning procedures and QA/QC documentation;
- Ensure work is carried after permit is issued and constantly applying for permits to carry out work with safety.

SKILLS:

- Auto CAD (Beginner)
- MEP (Electrical)
- MS Office

PERSONAL PROFILE:

Name	: Mohammed Imran
Marital Status	: Single
Age	: 29 Years
Nationality	: Indian
Address	: 7/220, Bhagya Nagar, Guntakal, Anantapur District, Andhra Pradesh (India)
Current Location	: Mysore, India
Preferred Location	: Anywhere as prescribed by the company
Languages Known	: English, Telugu, Hindi & Arabic (Beginner)
Passport No.	: J5484719 (valid till Sep 2021)