

Post Applied: Electrical Design Engineer
Profession: 4+ Years of Electrical Engineering Experience In Design of Industrial & Commercial projects.

Name: Mohammad Imran
Date of Birth: 20th June 1993
Nationality: Indian
Languages: English, Hindi, Urdu, Marathi.
Marital status: Single
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Objective: Seeking to work as a team member in Electrical Engineering activities for EPC/turnkey projects in Oil & Gas plants, Refineries, Commercial etc. A position in the field of engineering that enables me to Explore and Develop value added solutions for the fast-developing Industrial & Commercial Engineering sector with my Knowledge, Experience and skills to achieve new heights of development both in the technical field as well as in my professional career.

Education:

- 2015 **Diploma in Electrical Design Engineering Course**
Taiba Engineering Consultant, Hyderabad - 500028 (India) (www.taibamep.com)
- 2014 **Bachelor of Engineering in Electrical Engineering**
Anjuman College of Engineering & Technology, Nagpur- 440001 (India) (www.anjumanengg.edu.in)
- 2011 **Diploma in Electrical Engineering**
Government Polytechnic college of Engineering, Nanded - 431601 (India) (www.gpnanded.org)

Professional Experience:

Below is the brief professional experience gathered during the course of work,

- Experience in Study & Detailed Engineering Activities for EPC Projects (Engineering, Procurement, Construction) /Turnkey Projects in Oil & Gas& Commercial.
- Familiar with IS (Indian Standards), IEC, etc.
- Preparation of Enquiry & Purchase Specifications along with Sizing calculations for various Electrical equipment like HV& LV Cables, Lighting system, Lighting DBs, Earthing System, Lightning System etc.
- Estimation of Loads, preparation of Single Line Diagrams, Power distribution.
- Evaluation of Vendor offers.
- Preparation of Cable schedule, Electrical bulk items like Cable trays, glands, steel, light fittings, termination kits and other installation accessories.
- Power, Earthing, Lighting and Lightning protection layouts.
- Well Planning and co-ordination with Project Team, other disciplines/subordinates and Vendors to successfully execute the Project on time

Newton Power Team, Pune

from April 2016 – 15th Dec-18

Newton Power Team is an Engineering consultancy offering various services like Designing & Detail engineering, Procurement assistant, testing & inspection, installation & commissioning.

Designation: Electrical Design Engineer

Major responsibilities:

- Detailed Engineering
- Electrical design basis, load list, SLD, Block diagram, Selection & Sizing calculations of electrical equipment.
- Earthing & Lightning calculation as per IEC.
- Cable sizing calculation as per IEC
- Preparation of BOM of cables, earthing, lighting material.
- Cable tray sizing calculation.
- Preparation of Lighting, earthing layouts.
- Preparation of Material Requisition, Data sheet, Vendor clarification, TBA.
- Vendor coordination & Vendor drawing review.

Key Projects:

1. Dangote Oil & Refinery Project Limited (DORC) – Client: Thermax, Consultant: EIL, Location: Nigeria
2. Dy Patil Hitech Hospital, Pimpri, Pune, India.
3. Sodium Methoxide production plant, Client: Fenix

Dantecq Consultants, Thane

from 17th Dec-18 – Feb-2021

- The Dantecq engineering consultant is an Engineering consultancy offering various ranges of services like Designing & Detail engineering, Procurement assistant, testing & inspection, installation & commissioning for Cement plant lighting layout, substation layouts, cable routing, earthing etc. (Approved consultant of FLSmidth).
- **Designation:** Electrical Design Engineer
- **Major responsibilities:**
 - Detailed Engineering
 - Lighting Calculation by Dialux and Excel
 - Cable schedule & Cable Sizing calculation
 - Vendor documents review
 - Preparation and checking of Lighting drawings

Key Projects:

1. OCL India Cement Ltd., India
2. Savannah Cement Ltd., Kenya
3. Norlite LLC – Cohoes, Ny, USA
4. CECON Concepcion – Paraguay
5. ACC Kalamboli, Navi Mumbai
6. The Ramco Cement Limited

Skills:

- Standards familiar with- Indian Standards, IEC, standards, etc.
- -Lighting calculations: DIALUX
- -3D Model review

Technical Skills:

Tools	Dialux 4.13 and AutoCAD.
Computer Operating Systems	Windows XP, Vista, Windows 8
Software	MS Word, MS Excel, MS PowerPoint,

Certified for Training Work:

- Switchgear Training in L&T, Pune focuses on Introduction, Selection, Implementation of LV Switchgears.