

Curriculum Vitae

Mukesh Puppala

ELECTRICAL ENGINEER /MEP.



CONTACT AND PERSONAL PARTICULARS:

Mobile	+97431088299(Qatar) +919848381745(India)	Gender	Male
Email	Mukeshpuppala28@gmail.com	Current Location	Hyderabad
Date of Birth	28-FEB-1987	Residing country	India

OBJECTIVE:

A challenging position as an **Electrical Engineer** providing the opportunity to make a strong contribution to Electrical contracting organizational objectives, of successful execution of electrical work continued developing technical laborious skills and provides an opportune to train the supervisor and foreman in the field of electrical work sector along with the design of LV and MV systems.

SUMMARY:

- Performance driven professional with 6 years of experience in construction electrical works as an electrical site / design engineer.
- Hands-on experience in works related to projects includes design, planning, execution and commissioning.
- Skilled in selecting control schemes, identifying the appropriate control system, enquiry specification preparation and selections of instruments based on type of application.
- Possess good operational analysis, capacity planning, and decision-making strengths.
- To arrange the materials required to run the site in order to complete the project in the stipulated time.

SOFTWARE & PERSONAL SKILLS:

1. AUTO CAD 2013
2. Design & Drafting of Electrical system (LV&MV)
3. Auto desk Revit MEP,NavisWorks
4. Windows XP, MS office, MS Excel and PowerPoint.

WORK EXPERIENCE:

KG MECH Electro-Mechanical Pvt. Ltd - (Apr 2010 to Oct 2014), Hyderabad- INDIA.

- Project** : Insurance Regulatory Development Authority (IRDA).
- Project** : Saketh Tower (Sriyam), Hyderabad.
- Project** : Adarshinfra, Bangalore.

ARGON Global W.L.L – FEB 2015 to till date, DOHA -QATAR

Project : AL-Baker Tower, Doha – Qatar. **2B+GF+2P+43+HP**

Designation: Electrical Engineer.

ROLE AND RESPONSIBILITIES:

- Review project design for compliance with engineering principles, company standards, customer contract requirements and related specifications.
- Understanding the requirements of the client as per the project specifications and revising the same with coordinating with the consultants.
- Ensured systems operability, material integrity, quality control, and adherence to established standards and specifications
- Project Scheduling and Target monitoring with progress reports appropriate action to achieve end results.
- Supervision of contractors and vendors to maintain control of project schedule and costs
- Preparing Work Schedule, Material requirement schedule, Man Power schedule
- Preparation of rate analysis of variation items.
- Calculation of total power load from zero to maximum demand as per requirements & standards.
- Estimating fixture requirement and finalizing their locations for installation.
- Quantity Estimation as per approved drawings and BOQ preparation.
- Calculation of the requirement of Earthing , UPS and Battery capacities.
- Ensure that correct work processes are implemented to ensure work completed is as per specifications. Erection, Installation, Testing and commissioning of High/Medium/Low voltage power supply, Lightning, Earthing , Lightning protection, Switchgears, Transformers, Internal & External Electrifications, Firefighting Equipment and HVAC System.
- Ensure that work is constructed as per approved drawings and specifications.
- Sizing of cables as per standards for Power, Lighting and Voice systems.
- Preparation of power & control cable schedule.
- Providing all details of fixtures to the site personnel for effective installation.
- Providing specifications on all type of equipment required for procurement and installation at site.
- Selection of HT/LT cables based on thermal, short circuit & voltage drop.

MAJOR ACTIVITIES / TECHNICAL ASPECTS:

- Experience in Load Distribution Schedule (LDS).
 - Load Calculation
 - Phase Distribution
- Experienced in designing Lighting, Power, Wireways, Earthing and Cable tray.
- Well versed in selection of cables, transformers and DG sets.
- Involved in estimating the electrical quantities.
- Electrical Estimation for Lighting (Lighting Fixtures), Power (Power Sockets, Switches, Isolators) Excellent Knowledge in Lighting design, selection of suitable light fixtures and presentation of 3D drawings (Perspective Image) of the project using Dialux Lighting Software.
- Cable Length and Cable Trays, Preparing Single Line Diagram (SLD).

- Panels Load (MDBs, SMDBs, DBs, MCC etc)
- Lighting Protection System.
- Public Address system (Estimation of speakers, Micro phone, etc)
- Fire Alarm System (Estimation of Detectors, Sounders, Manual Call Points, and Transponders etc).
- Other works including Short circuit calculation, Voltage drop calculations, Emergency generator load calculations and Lux calculation.
- Value engineering for required cables/bus duct system and ensuring strict adherence to standards and codes pertaining to physical dimensions, voltage drop and current carrying capacity.
- Understanding the design and specifications required for material and equipment.
- Executing the site as per approved drawing such as laying conduits, wiring, cable pulling, cable tray, race ways, db, smdb, mdb , installation of lights, switches, sockets, transformer, dg, inverter, cables.
- Attending the meetings with Client, Consultant, Suppliers, and all the Subcontractors.
- Commissioning of all electrical equipment's db, smdb, mdb, lights, switches, sockets etc.
- Providing sound technical inputs & engineering support to the team from conception to completion stage of the product.
- Experienced in preparing Bill of Quantities.

REVIT MEP :

- Creating an MEP Project, Linking Projects, Creating and applying a view to Template,
- **Planning Mechanical System:** - Preparing Spaces, Creating Zones in different levels, analysing Heat and Cooling Load, creating an Air Flow Schedule.
- **Designing Mechanical Air System:** - Placing Hosted and Non Hosted Air Terminals, creating supply Air Systems, Creating Duct Work manually and automatically.
- **Designing a Mechanical Piping System:** - Adding Mechanical Equipment, creating a Piping System, Adding Pipe using Auto or Manual Layout, Sizing Pipe, Adding Valves, Inspecting a System.
- **Planning Electrical System:** - Specifying Electrical Settings, Defining Required Lighting, Creating Color Fills and Schedule
- **Designing an Electrical System:** - Adding Lighting Fixtures, Placing Switches, Junction Boxes, Creating Lighting Circuits with Wires, Creating Switch System, Creating Power Loads, Balancing Wire Sizes and Breaking Services.
- **Designing a plumbing System:** - Adding Sanitary Fixtures, creating a Sanitary System, Refining the Sanitary Stack, Creating
- Cold Water System, Creating the Hot Water System.
- **Planning a Fire Protection System:** Specifying Pipe Setting, Determining Zone Requirement, Creating a Sprinkler Design Schedule.
- **Designing a fire Protection System:** - Adding Sprinklers, creating a piping System, Modifying Pipe Diameters.
- **Creating Documentation Views:** - Duplicating Plan Views, Creating a plumbing Isometric Riser.
- **Working with Annotations and Dimensions:** - Creating Annotations, Creating Dimensions, Creating a Legend.

ACADEMIC PROFILE:

Completed B-Tech. (Electronics And Instrumentation Engineer) from Sasi Institute Of Technology And Engineering in 2009 Tadepalligudem.

MY PROFESSIONAL STRENGTH:

- Excellent Communication Skills.
- Excellent interpersonal relations.
- Effective contribution in Team Building with positive approach.

PERSONAL PROFILE:

Name : Mukesh Puppala
Father's Name : Trinadhara Rao
Passport Num : M5830307
Nationality : Indian
Languages known : English, Hindi & Telgu.

I hereby declare that the information given above is true to the best of my knowledge and belief.

Place:

Yours faithfully,

Date:

(Mukesh Puppala)