

# MOHAN KUMAR

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## CAREER VISSION

To develop a professional career at engineering field, where I can apply my knowledge, skills and ideas that I have for the company that offers me the opportunity to work, showing my integrity, honesty, commitments and excellence; participating actively the activities that promote the continuous success.

## PROFESSIONAL SUMMARY

**Focused and Resourceful Electrical Engineer with 6 years of Experience in the field of construction and Maintenance Engineer with UAE Equivalency Certificate For bachelor's degree.**

### 1.Project Descriptions

R1083 Al Qusais 19 Building, G+6+Roof Each Residential Development Dubai, UAE from July22,2019 to till date in BEW (Barbuda electromechanical work LLC).

- Position : Electrical Engineer
- Client : Al- Wasl
- Consultant : Schuster Pechtold
- Main Contractor : Technical Architect Contracting LLC
- MEP Contractor : Barbuda Electromechanical Work LLC
- Project Value : AED 630 Million

### 2.Project Descriptions

Estate 81, G+1 Villas, Jebel Ali First (591), at Al- Furjan Community Dubai, UAE from Oct13,2016 to July21,2019 in Technical Architect Contracting LLC.

- Position : Electrical Engineer
- Client : Mr. Muafak Al Kadar.
- Consultant : Arkiplan.
- Main Contractor : Technical Architect Contracting LLC
- MEP Contractor : Barbuda Electromechanical Work LLC
- Project Value : AED 157 Million

### 3.Project Descriptions

Labor Camp G+4, Jebel Ali Industrial Area 1, Dubai.

- Position : Electrical Engineer
- Client : Technical Architect Contracting LLC
- Main Contractor : Technical Architect Contracting LLC
- MEP Contractor : Barbuda Electromechanical work LLC

#### **4.Maintenance Field**

- Company Name : Base Corporation Ltd (H.P) India .
- Designation : Electrical Maintenance Engineer
- Duration : Sept27, 2010 to July16,2012.

#### **Duties Performed: -**

- 1\*1500KVA, 11/6.6 KV/415V Transformer erection.
- 2500 Ampere ACB ,400KVAR Capacitor bank & 100 KVA Generator erection.
- 300, 240, 185, 150, 120,95 etc. square mm Cable laying and testing and commissioning of LT cables.
- Lighting & Emergency light control system
- Power system: - FCU and Small Power work.
- Low Voltage System: - a) Access Control System.
  - b) CCTV & SMATV system work execution.
  - c) Telephone & Data System.
  - d) AMP (Audio intercom panel system)
  - e) GCP (Gas control panel) system
  - f) SCP (Smoke control panel) system
  - g) 24\*7 DCD (Dubai civil defense) system
  - h) IMS (Intelligent metering system)
  - i) FM 200 System
- Fire Alarm System: - a) Fire alarm control panel system.
  - b) Voice Evacuations panel system.
  - c) Fire Men Telephone Jack system.
  - d) Ceiling Speaker & MSD (Motorized smoke damper) system.
- Cable tray, trucking, ladder work execution.
- Earthing and lighting protection system.
- DOL and Star-delta starter control circuit.
- Gate Barrier System.

#### **KEYS AND RESPONSIBILITIES**

- Responsible for detailed engineering documents (cable size calculation, equipment rating calculation).
- Installation LV switchgear panels, cables, UPS, diesel generators, fire alarm system, telecom, and CCTV system.
- Monitoring of cable laying, jointing & termination activities LV ,Power, control cable ensuring the cables used following company standard.
- Strong skills in interior & exterior wiring such as lighting control, power system & fire alarms.
- Checking shop drawing and coordinating the MEP services.
- Design and circuit diagrams for projects.
- Ordering materials as per the material submittal approval.
- Planning weekly schedules to achieve targets given by manager.
- Doing pre inspections before the consultant's inspection.
- Attending the electrical inspection with consultant inspector.
- Visiting site works and raising SOR (Site Observation Report) to the respective works which against the regulation and client requirements.
- Raising CVI (Conformation of Verbal Instructions) if the consultant gives any verbal instructions at the site.
- Raising RFI (Request for Information) in case if we can't follow the approved Shop drawing because of some site issue.
- Submitting weekly progress report.

- Coordinating with Planning Engineer for Monthly Work Invoices.
- Coordinating the electrical works with other services.
- Troubleshoot on electrical systems / equipment.
- Continuous monitoring on electrical system of sites
- Maintain relationship with crews and contractors.

## NATURE OF WORK IN MAINTAINANCE FIELD

### **Duties Performed**

- Installation, Testing, Commissioning of Induction motors 1 & 3 phase up to 1000HP.
- Maintenance of 11KV ACB & 2000 KVAR Capacitor bank.
- Working knowledge of PLC (SIEMENS S7-1200, S7-300, S7-200), HMI etc.
- PLC Programming languages such as (LADDER DIAGRAM).
- Installation and commissioning & Parameterization of AC DRIVE (SIEMENS G120, Mitsubishi Electric to FR-D720S-008 to 100-EC, & VFD-M)
- Maintenance of AC & DC Drive & all types of panels
- Monitoring of energy consumption and power factor of plant.
- Handling the Manpower & Fabrication and providing them the work schedule based on daily & monthly basis plan.
- Involved in maximizing the production output of each machinery by effective utilization.

## PERSONAL INFORMATION

- |                        |   |                            |
|------------------------|---|----------------------------|
| ➤ Marital Status       | : | Married.                   |
| ➤ D.O.B                | : | 19July,1987                |
| ➤ Linguistic Abilities | : | English, Hindi, & Punjabi. |
| ➤ Passport No.         | : | L 1080112                  |
| ➤ Place of issue       | : | Jalandhar, Punjab (India). |
| ➤ Date of issue        | : | 16-07-2013                 |
| ➤ Date of expiry       | : | 15-07-2023                 |
| ➤ Visa status          | : | visit visa.                |
| ➤ Nationality          | : | Indian.                    |
| ➤ Current address      | : | Dubai                      |

## TECHNICAL QUALIFICATION

- B. TECH (Bachelor of Technology) in Electrical from Punjab Technical University, Jalandhar India Since 2011 – 2015.
- Diploma in Electrical from Punjab State Board of Technical Education & Industrial Training, Chandigarh India Since 2007 - 2010.

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