

## **Curriculum Vitae**

**SIVA RAMARAJ**

E-Mail: **siva.ramaraj89@gmail.com**

Electrical- Site Engineer, Chennai

Mobile no: **91+9994846757**

### **PROJECT EXPERIENCE:**

**Anand Engineering and Consultancy – Chennai (Jul 2010 to Jun 2016)**

**Designation : Electrical – Site Engineer**

❖ **B-Braun – Chennai**

#### **Project:**

- 200KW 415V 3 phase Diesel generators complete with fuel systems, distribution system.
- Worked with local, national codes (NEPA) and customer specifications to ensure project
- Installation of distribution box, isolators, meters, sockets, cabling and cable routing.
- Generated estimates and bill of materials from electrical blueprints.

### **Roles & Responsibilities:**

- Supervised electrical wiring installation in commercial and industrial building including power, Ethernet networks, security and communication. Installation and Erection of 20MVA Transformer
- Supervised mechanical, civil and electrical grounding grid system associated with the installation.

❖ **TAJ FLIGHT KITCHEN – Chennai**

#### **Project**

#### **Electrical Maintenance in Refrigeration and Air Conditioning systems**

- Schedules repairs and maintenance of Screw chillers for 100TR plants, Pump 300GPM max and 210 TR plant, Pump 450 GPM
- Concept and detail designing of Air-Conditioning and Electrical Systems for Multistoried and Multi-complex towers.
- 1: standby and all equipment i.e. cooling tower, Pump, AHU, FCO all having maintained.
- To preparation of various types kitchen layouts with coordination equipment's provide by kitchen supplier.

### **Roles & Responsibilities:**

- Tested refrigeration and air conditioning systems, and rebuilt pressure and temperature safety valves and water pumps.

- Complete Air- Conditioning system are Monitor Temperature, Humidity, Air Flow, Noise level of equipment, velocity of the air, motor speed and heat are been check regularly measuring with the help of instruments e.i. Thermometer, Sling psychrometer, Anima meter, Clam meter, Tachometer, Multi meter.
- Adept at balancing air and water treatment systems in accordance to HVAC protocols
- Co-ordination with site team on weekly progress meetings to clarify technical issues / quires.

#### ❖ BSNL – Trichy

**Designation :** Electrical – Assistant Site Engineer

#### Project

#### **Installation and maintenance in Battery, UPS, Earthling and Mitigate Power Quality Issues**

- Monitored installation of 11KV, 415 Volt Panel and 400KW soft starter, 350 KVAR APFC (capacitor feeder)
- HT Motor (380 KW), LT Motor (1.5 KW to 125 KW), DG(1250 KVAR / 1000KW) and Transformer(11KV / 433V)
- 10KW UPS and associated battery bank of capacity 120 AH, 200 AH, 400 AH, 600 AH, 1000 AH, 1500 AH, 2000 AH, 2500 AH, 3000 AH, 4000 AH and 5000 AH.

#### **Roles & Responsibilities:**

- Recognized with a certificate for contribution in earthling, wiring and lighting tasks in the projects.
- To Improve the power quality and also Mitigate the harmonics with help of Filters (Capacitive)
- To analysis the power quality problems used in Fluke Device 2.0

#### ❖ Ramco Cements – Tirunelveli

#### **Project** - Electrical maintenance of HT/LT Motors

- Preventive & Breakdown maintenance of HT/LT Motors up to 1000 KW, ACB/VCB, HT/LT Panels
- Switchgears, Lighting Systems, Hydraulic Valves, Different types of Instruments like Flow Miters, Encoder, ZSS, PCS, BSS etc.; Belt Conveyors, Gear boxes Scoop Couplings and continuous improvement activities.

#### **Main Responsibilities:**

- Develops project objectives by reviewing project proposals and plans; conferring with management
- Determines project specifications by studying product design, customer requirements, and performance standards; completing technical studies.
- Determines project schedule by studying project plan and specifications; calculating time requirements; sequencing project elements.

- Maintains project schedule by monitoring project progress; coordinating activities; resolving problems.
- Controls project plan by reviewing design, specifications, and plan and schedule changes; recommending actions.
- Prepares project status reports by collecting, analyzing, and summarizing information and trends; recommending actions.
- Maintains safe and clean working environment by enforcing procedures, rules, and regulations.
- Maintains project data base by writing computer programs; entering and backing up data.
- Maintains product and company reputation by complying with federal and state regulations.
- Contributes to team effort by accomplishing related results as needed.

### **Academic Qualification:**

- **BE- Electrical and Electronics Engineering (2007-2010)**  
Sree Sowdambika College of Engineering (65%), Anna University
- **Diploma in Electrical and Electronics Engineering (2004-2007)**  
Arulmegu Kalashalingam Polytechnic College (64.62%)

### **Computer Knowledge:**

- Excellent Experience in using **Windows Operating System**.
- Excellent experience in using **MS office**.
- Good Experience in MATLAB, **Power system Analysis tool box**

### **Personal Profile**

- |                    |   |  |
|--------------------|---|--|
| • Name             | - | R.Siva   |
| • Father Name      | - | Mr.S.Ramaraj   |
| • Languages Known  | - | Tamil, English.  |
| • Marital status   | - | Unmarried  |
| • Pass port number | - | J0616625   |
| • Date of issue    | - | 24/05/2010   |
| • Date of expiry   | - | 23/05/2020   |
| • Skype Id         | - | avis7289   |
| • Address          | - | 90/1B, Koonankulam North Street ,<br>Srivilliputtur – 626125, Tamilnadu, India |

### **Declaration**

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

**Siva Ramaraj**