**CURRICULUM VITAE**

**SHANMUGA SUNDARAM.J Email :** [shaneee06@yahoo.com](mailto:shaneee06@yahoo.com),

**No:** 81/26D, Arakkonam Road, **Alt Email:** jshanmuga1980@gmail.com,

Nemeli, Vellore District,

Pin code: 631051, **Home: +**919751948585(India)

Tamilnadu, India. **Work: +223 72907851** (Mali)

**Profile :**

A challenging determined with good skill with and ready to work both independently and as a member of a team with skilled technical professional with quick learning ability.

**Objective:**

Seeking to work **15+yrs of Electrical experienced in installation and (Operation & Maintenance)** in Installation, & Commissioning, operation and Maintenance related job with **/ BYRNE Power & Rental projects Qatar/** SAKR ENERGY SOLUTIONS, QATAR./ **Aggreko International Power Project UAE**/ OPERATIONAL ENERGY GROUP IND PVT LTD.**/Sterlite Industries India Ltd/ DYNAMIC Switchgears, Chennai / Tamilnadu Telecommunication Ltd., Maraimalai Nagar. (Optical fiber Cable Division etc** the challenging environment and in the processes that contribute positively to the organization and adds value to the self.

**Educational Qualifications:**

|  |  |  |
| --- | --- | --- |
| **Degree / Qualification** | **Year** | **Percentage** |
| **[D.E.E.E]** Swamy Abedhanandha Polytechnic, Thellar  **[H.S.C]** Govt. Higher Secondary School, Nemali.  **[10th]** Govt. Higher Secondary School, Nemali. | Oct, 1999  Mar, 1997  Mar, 1997 | **70**  **75**  **54** |

**ELECTRICAL COMPETANCY CERTIFICATION HOLDER:**

**‘C’ License No :** C 33004

**Present Experience 1:**

**Organization**  : Smart Energy Solutions, Power Project UAE. **Client sites :** M/S EDM, SIKASSO, MALI, [20 MW DIESEL POWER PLANT]

**Duration** **:** From 4th Feb 2016 To Until, **Designation** **:** Electrical Engineer (Site in charge)

**Nature of Responsibilities: Handling Electrical in installation and Operations & Maintenance of following areas below,**

* DEIF Controller :AGC2,AGC3,AGC4
* Transformer : 430V / 33000V,
* Transformer : 3300KVA,
* Transformer A & B Services Procedure,
* Generator : CUMMINS 1250KVA (KTA50G3,KTA45G3,QSK45),
* Plant Capacity : 20MW Power Plant,
* Auto Synchronization of LT Generator systems (1250 KVA),
* Generator A & B Services Procedures,
* Plant Operational Mode : GRID & ISLAND,
* Starters , Power & Control Panels , Capacitor Panels, Distribution Panels, Overhauling of Electrical motors,
* Circuit Breakers : SF6, ACB,
* QHSE Procedures, First Aid, Fire Fighting,
* Plant Commissioning & Decommissioning Procedure, (Generators, Transformer, Switchgear, Distribution Panels, LV & HV Cables, and Control Cables).

**Previous Experience :**

**Organization**  : BYRNE Power & Rental projects Qatar.

**Duration** **:** From Feb 5th 2014 To 30 th April 2014

**Designation** **:** Junior Electrical Engineer

**Responsibilities :**

**Handling Electrical in installation and Operations & Maintenance of following areas below.**

* Handled the PCC, Deep Sea Electronics controllers (DSC,3110,5510,7510,8610)

ECM, DEIF (AGC2 & 3).

* Generator: Cummins, Volvo, Mtu, FGWillson, Perkins, Sakr, 10KVA to 1650KVA.

SCANIA, CANNAPY: (200KVA, 320KVA, 350KVA, 500KVA)

* Plant Capacity : 20MW Power Plant,
* Auto Synchronization of LT Generator systems (250KVA TO 1650 KVA),
* Generator A & B Services Procedures,
* PLANT OPERATION : Diesel,
* Plant Operational Mode : GRID & ISLAND,
* Air compressor, Lighting Tower, Welding machine, Starters , Power & Control Panels , Capacitor Panels, Distribution Panels,
* Circuit Breakers : SF6, VCB, BOCB, ACB,
* Alternator Module : STAMFORD, LEROYSOMER,MARATHAN
* First Aid, Fire Fighting, Safety Training,

**Professional Experience**

Organization : SES SMART Energy Solutions FZCO, QATAR.

**Duration** **:** From 4th May 2013 to 18th OCTOBER 2013,

**Designation** **:** Electrical Services Engineer.

**Nature of Responsibilities: Handling Electrical in installation and Operations & Maintenance of following areas below:**

* Installation, commissioning & servicing work for SAKR generators (From 10KVA to 12500KVA).
* Handled the PCC, Deep Sea Electronics controllers, ECM, DEIF (AGC2 & 3).
* Trouble shooting of SAKR generators.
* Load Testing & Maintenance of SAKR generators in Yard.
* Attended Breakdown problems & making proper reports as per SAKR.

**Previous Experience 1:**

**Organization**  : Aggreko International Power Project UAE. **Client sites :** M/S PT BIMA, LHOKSEUMAWE, INDONESIA, [30 MW DIESEL POWER PLANT]

**Duration** **:** From 30th April 2007 To 15th April 2013 **Designation** **:** Electrical Senior Technician 2(AAP2)

**Certificate Name : AAP2 (High Voltage Operations Training & Authorization).**

**Nature of Responsibilities: Handling Electrical in installation and Operations & Maintenance of following areas below,**

* Switchgear ABB: (11KV to 33KV)
* ABB Switchgears : (Safe plus + RGCV, Merlin Gerin Ringmaster + Lucy Sabre SWG + Uniswitch + AX1+ZS1),
* ABB Transformer : 430V / 11000V / 33000V,
* ABB Transformer : 5000KVA / 6300KVA,
* Transformer A & B Services Procedure,
* Generator : CUMMINS 1250KVA (KTA50G3,KTA45G3,QSK45,QSK60)

SCANIA, CANNAPY: (200KVA, 320KVA, 350KVA, 500KVA)

* Plant Capacity : 1MW to 100MW Power Plant,
* Auto Synchronization of LT Generator systems (1250 KVA),
* Generator A & B Services Procedures,
* PLANT OPERATION : Diesel & gas,
* Plant Operational Mode : GRID & ISLAND,
* Starters , Power & Control Panels , Capacitor Panels, Distribution Panels,
* Overhauling of Electrical motors,
* Circuit Breakers : SF6, VCB, BOCB, ACB,
* BOP & QHSE Procedures,
* First Aid, Fire Fighting, Safety Training, ODP Training,
* Plant Commissioning & Decommissioning Procedure, (Generators, Transformer, Switchgear, Distribution Panels, LV & HV Cables, and Control Cables).
* Transformer NET & NGR System ISLAND Mode operation.

**Previous Experience 2:**

**Organization :** OPERATIONAL ENERGY GROUP IND PVT LTD.

**Industrial site :** M/S VKG STEEL AND ENERGY PVT LTD,[8MW CAPTIVE POWER PLANT]

**Duration** **:** From JAN 2007 to May 20th 2007

**Designation** **:** Junior Engineer

**Nature of Work:** **Handling Electrical in installation and Operations & Maintenance of following areas below*:***

* 8MW Steam Turbine Generator and Excitation system
* 12.5 MW Thermal Power Plant
* HT & LT switchgears, ESP HT & LT Controls
* LT & HT AC induction motors, tool room
* Industrial wiring ,Mcc, pcc & relay panels
* Transformers up to 7750 KVA(1x2500 KVA, 2x2000 KVA, 1x1250 KVA)
* Coal Handling system and associated equipments

**Previous Experience 3:**

**Organization :** HADEN International Group India Pvt Ltd, Chennai

**Site :** ASHOK LEYLAND, UNIT -2, Hosur

**Designation** **:** Senior Facilities Team member

**Duration** **:** From Jan 2006 to Jan 2007

**Nature of Responsibilities: Handling Electrical in installation and Operations & Maintenance of following areas below:**

* 22 KV Switchyard , TNEB metering
* 22 KV / 11 KV – 6.3 MVA Power Transformer
* 11 KV / 433 V - 1.6 MVA Distribution Transformers
* Manual Synchronization of HT Generator systems (1250 KVA X 5 Nos)
* Of 5 MW Power Plant
* Reciprocating Air Compressors (1250 CFM,500 CFM)
* Starters , Power & Control Panels , Capacitor Panels
* Overhauling of Electrical motors
* Switchgears VCB, BOCB, ACB, Electrical Relays

**Previous Experience 4:**

**Organization :** TYCO-HOFINCONS International Ltd, Chennai.

**Industrial sites :** Sterlite Industries India Ltd. Tuticorin. Grasim Industries Ltd.,Ariyallur

**Duration** **:** From Nov 2003 to Jan 2006

**Designation** **:** Senior Technician

Nature of Work: Handling Electrical in installation and Operations & Maintenance of following areas below:

* 11 MW Steam Turbine Generator and Excitation system
* 12.5 MW Thermal Power Plant
* HT & LT switchgears, ESP HT & LT Controls
* LT & HT AC induction motors, tool room
* Industrial wiring ,Mcc,pcc & relay panels
* Transformers up to 7750 KVA(1x2500 KVA, 2x2000 KVA, 1x1250 KVA)
* Electrical cranes up to 10 and 25 tones
* Coal Handling system and associated equipments

**Previous Experience 5:**

**Organization** **:** DYNAMIC Switchgears, Chennai.

**Duration** : From July 2000 to Feb 2002 & From March 2003 to Nov 2003

**Designation** : Technician

**Nature of Work:** **Handling Electrical in installation and Maintenance of following areas below:**

* Assembling and wiring of LT & HT Control Panels.
* Assembling and industrial Three phase & Single Phase Lighting Panels.
* Wiring in DOL & STAR DELTA Starter up to 150HP & Trouble Shooting and Of Control Boards.

**Apprentice Trainee:**

**Organization** :Tamilnadu Telecommunication Ltd., Maraimalai Nagar. (Optical fiber Cable Division),

**Duration** : March 2002 to Feb 2003

**Designation** : Trainee for Apprentice (Trained in the Communication operations and testing activities)

**Passport Details:**

**No** : Z 3964202 **Date of Issue** : 16-01-2017

**Date of Expiry** : 15-01-2027 **Place of Issue :** Chennai (India)

**Personal Profile:**

**Father name** **:** Janakiraman T **DOB** **:** 04-06-1980

**Sex** **:** Male **Nationality** **:** India

**Marital status** : Married **Languages Known** : Tamil & English

**Permanent Address** **:** No, 81/26D, Arakkonam Road, Nemeli, Arakkonam [TK],

Pin code-631 051, Vellore District, Tamilnadu [India].