VELMURUGAN.T

EMAIL: [t.vel6152@gmail.com](file:///C:\Users\M.T.Selva\AppData\Roaming\Microsoft\Word\t.vel6152@gmail.com)

MOBILE: +919952821818

### Career objective:

Want to be part of a well-reputed organization pertaining to state-of-the-art technologies, where my mettle can be extracted for efficacious implementation of the project.

### Career Summary:

* Possess more than **3year** of work experience over IndiainSteel, Power Plant, Substations, Process Plants**,** oil and gas.
* Having good exposure in Testing, Commissioning, Operation & Maintenance and Trouble Shooting ofElectrical Equipment’s from 415 Volts to 400KV System.
* Perform as key person the Pre-Commissioning, Commissioning, Start Up and Handover of the Facilities to Client on Time, on Budget with Safety as first objective.

### Educational Qualification:

**B.Tech in Electrical and Electronics Engineering at** Kalasalingam University & Technology, Krishnankoil, tamilnadu, India on April 2012.

### Professional Experience:

**Technosys Engineers & Consultants (Chennai) Pvt. Ltd.**<http://www.technosysec.com/>

Technosys Engineers and Consultants (Chennai) Pvt. Ltd. is an Engineering organization extending Engineering services in the field of Power and Energy, Power System studies, Erection, Supervision, O&M, Testing and Commissioning of Electrics etc. Key qualifications in the field of Testing and Commissioning of various Electrical Projects including EHV substations up to 400 KV.

**Position: Electrical Testing and Commissioning, O&M Engineer**

**Period: June 2012 – Aug 2015**

**Shapoorji Pallonji Solar holdings Pvt Ltd.** [**http://www.shapoorji.in/**](http://www.shapoorji.in/)

**Position: Electrical Engineer (T&C, O&M, Project)**

**Period: Oct 2015 – till Date**

**NATURE OF WORK:**

* Testing and Commissioning of Electrical Equipment’s from 415 volts to 400KV System.
* Testing of **CT, PT, and CVT, Circuit breaker (SF6, A.C.B &V.CB), Lighting arrester, Isolator, Earth switch, HT/LT switchgear** and **Power Transformer** with scheme checks.
* **Testing of High Voltage** in Cables, Bus bars, Breakers.
* **Tan Delta test** for Current transformer, Potential Transformer, CVT, Power Transformer, CT bushing, Lighting arrester.
* DCRM test for **400Kv SF6 circuit breakers**. **Dew Point Measurement for SF6**
* Knowledge of power transformer **stability and sensitivity tests for differential and REF protections.**
* Functional & Scheme checks for 33KV, 11KV, 6.6KV& 415V Indoor Switchboards with Interlocks and changeover.
* PLC, SCADA I/O checking ,preparation of check lists ,commissioning of processes instruments like solenoid valves , sensors, transducers.
* Testing and commissioning of HT/LT motors conveyor, over current, Earth fault, under voltage, over voltage, AUX Relay, Feeder protection. Knowledge of conveyor protection Zero speed switch, belt Sway, Pull Cord.
* Testing of Electromagnetic Relays (Master Trip, VCB Contact Multiplication, Trip Circuit Supervision, and Master Trip Supervision).
* Testing and Commissioning of PMCC, PCC, MCC, ACDB, MLDB, and ELDB.
* **Operation and Maintenances of 400/220/33/6.6/.415kV Substations** – Onsite supervision of all major electrical equipment such as **Transformers, Motors,Drives,Pupms,Fans,HV&LV switchgear, control panels, Lighting circuit Conveyor,Cables,Battery bank&Battery charger,DCS data** checking associated wiring of electrical equipment’s.
* Inspection of control and relay panel, preparation of Test Report and cable schedule for sub-station, power plant, and process plant.
* Co-ordination with client in As Built Scheme drawing submission, test report submission, cable schedule submission and all site activity to satisfy the customer.

**WORK SUMMARY:**

* Worked as a Testing and Commissioning engineer for *HV and LV Switch Gear (6.6/0.415Kv), HV/Motors, Power transformers, Conveyors, Cables, PMCC, PCC, MCC*in **Stock House Bhushan Steel Ltd/165MW Thermal Power Plant Bhushan Steel Ltd.Odisha for Larsen and Toubro Ltd.**
* Worked as a Testing and Commissioning engineer for *HV and LV Switch Gear (11/6.6/0.415Kv), HV Pump motors, Instrument devices (sensor, solenoid value, and pressure transmitter), loop checking from instrument to DCS* in **JCAPCPL TATA Steel Jamshedpur** for **Larsen and Toubro Ltd.**
* Worked as a Testing and Commissioning engineer for *HV and LV Switch Gear, over current, Earth fault, Under voltage, Over voltage,AUX Relay*in **3x660MW Koradi Expansion Power Plant, Nagpur.** For **L&T MHI Boiler Ltd.**
* Worked as a Testing and Commissioning engineer for 400/220Kv substation *DCRM test for SF6 circuit breaker, Dew point measurement for SF6* in **Power Grid Corporation of India Ltd Durgapur (Parulia) Kolkata for Alstom T&D India Ltd.**
* Worked as a Testing and Commissioning engineer for *220 Kv substations, CT, PT, CVT, Circuit breaker (SF6), lighting arrester, Isolator, Earth switch, Generating Transformer* In **3x95MW IND-BARATH Power Infra Ltd Thoothukudi.**
* Worked as a O&M engineer for *HV and LV Switch Gears(33/11/6.6/0.415Kv), PMCC,PCC,MCC,ACDB,MLDB,ELDB,Power transformers,Motors,Drives,Pumps, Fans,DG Set,DCS Monitoring, Battery charger&Battery bank* in **ONGC Mangalore petrochemicals Ltd** for **Larsen and Toubro Ltd.**
* Worked as a Testing, operation &maintenance engineer for***400/220/130Kv*** *switch yard- supervision of all major electrical equipment such as 315MVA Transformers,SF6 circuit breaker, CT,PT,CVT,lighting arrester, Isolator, Earth switch, Inspection of control and relay panel ,DCS monitoring, manpower management* under **Techno Electric** at **Dipalpur**, Sonepat, Haryana.

**TESTING KIT HANDLED:**

* SCOPE: DCRM, CRM, TRM.
* SCOPE: TIME INTERVAL
* TAN DELTA: ELTEL, MEGGER.
* SUDARSAN: SECONDARY INJECTION
* HIPOT: 60KVDC TECHNOLOGY PRODUCTS.

**Training programme:**

* Electrical Safety
* Basic Fire Fighting
* Electrical Isolation, Tagging \* Flagging
* Permit to Work
* Hazards Communication – Noise & Radiation

**Personal Details:**

Name : VELMURUGAN.T

Father name : TAMILSELVAN.M

Permanent Address **:** 3-188 MAIN ROAD, POOLANGULAM (POST)-627415,

TIRUNELVELI (DIST), TAMILNADU, INDIA.

Nationality : Indian

Date of Birth : 21.05.1991

Sex/Marital Status : Male/single

Passport No : L8070131

Place of Issue : Madurai

Languages Known : Tamil, English and Hindi.

Religion : Hindu

**Declaration:**

I do hereby declare that the above information furnished by me is true to the best of my knowledge and belief.

Place:

Date: **VELMURUGAN.T**