



## PROFESSIONAL COMPETENCE

NAME : VASANTHARAJA SELVARASU  
CURRENT EMPLOYEE : ALSHAMS GROUP [UAE]  
DESIGNATION : ELECTRICAL ENGINEER  
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## EXPERIENCE HIGHLIGHTS

- **9 Years Experience in Electrical field** for Engineering specialized in site execution in various substation projects of 400/220/132/33/11/0.415KV Substations.
- **Experience in both Testing & Commissioning and Installation.**
- Manages project and provide technical and operational leadership.
- Analyze complex engineering problems and offer effective resolution.
- Supervise and direct a team of Electrical Engineers, Civil Engineers, Design Engineers, Planning Engineers, QHSE Department, Procurement Department, Store Department, Vendors, Suppliers and Manufacturers.
- Interact with all engineering disciplines, construction project managers and clients.
- Supports the Lead Engineer in the engineering and management functions to successfully complete the project.
- Assists in the supervision of engineering, budgeting, Invoicing and scheduling and have superior engineering skills.
- Familiar with applicable DEWA Specifications, codes, standards and acceptable industry practices.
- Strong verbal and written communication skills to prepare written specifications and contract documents.
- *Preparation of documentation as per client requirements..*
- *Hands on Experience upto 400/220/132/33/11Kv Switchgears of AREVA& SIEMENS ,ABB,SCHNEIDER Make.*

## **EDUCATIONAL QUALIFICATION**

- ***Bachelor of Electrical & Electronics Engineering – completed [2007- 2011]***
- Electrical Safety and Safety management course.

## **LANGUAGES KNOWN**

- *TAMIL : MOTHER TONGUE*
- *ENGLISH : FLUENT [ Read , write, speak ]*
- *HINDI : CONVERSATIONAL [ Speak ]*

## **PROJECTS HANDLED IN INDIA**

- *2x210MW Thermal Power Station-1 Expansion at Neyveli under Neyveli Lignite Corporation Limited for M/S ANSALDO*
- *33/11 KV Substation at Chennai under AIRPORT AUTHORITY OF INDIA for ASPL*
- *Maintenance works for various fertilizer industries, oil industries, cement industries & Battery industries.*

## **PROJECTS HANDLED IN UAE**

**List of projects executed as Installation & Commissioning in 220/132/33/11kV various Networks Substations,**

- 132/11KV SKYLINE substation in DEWA network.
- 132/11KV KIFAF Substation in DEWA network.
- 132/11KV MCLB Substation in DEWA network.
- 132/11KV BIRD Substation in DEWA network.
- 132/11KV JAIN Substation in DEWA network.
- 132/11KV GLFS Substation in DEWA network.
- 33KV UAQ Substation in FEWA network.
- 220KV Grid Switching station in TRANSCO network.
- 400/220/33/11KV Grid station in TRANSCO& AADC network.
- 132/33/11KV STAR#1 & STAR#2 Substation in SEWA network.
- 132/11KV JBEL ALI HILS Substation in DEWA network.

- 132/11KV MANAZIL Substation in DEWA network.
- 132/33 KV MPS-5 (DXBMTRO) in EXPO 2020 METRO Project.
- 132/11KV Performer village Substation in DEWA network L&T project.
- 132/11KV MARINA HARBOUR Substation in DEWA network SIEMENS project.

### **INSTALLATION ACTIVITIES EXECUTED IN 220kv,132kv,33kv GIS,11kv SWGR & 0.4KV LVAC**

- Erection of Power Transformers from 2 MVA (11kv/400V) to 50 MVA (132kv/11kv) and Auxiliary Transformers.
- Erection of 132kv GIS,33Kv GIS, 11kv AIS, LT Panels, MCC Panels, RMU Panels, Bus ducts, 3.3MVA DG Sets, AC & DC System, Control and relay Panels, Busbar protection panels, Capacitor Banks & Damping Reactors, RTCC panels, Distribution Boards, FO Cubicle, Street Lighting Poles, High-Mast Poles, Fence Lighting Poles.
- Execution of Earthing and Lightning Protection System, Lighting System, LVAC System, DC System, SCMS, DMS, IT Passive Infrastructure System, CCTV network, HVAC System & Fire Fighting & Protection System.
- Laying of 132kv Power Cable, MV & LV cable, Earthing cable, Control Cable, Telephone cable, FO cable.
- Power and Control cableTray and Ladder.
- Erection of PVC Conduit, GI Conduit, Cable Trunking
- Regular coordination and correspondence with client, Consultant, organization and sub-contractors, vendors, suppliers & manufacturers.

### **TESTING & COMMISSIONING ACTIVITIES EXECUTED IN 220kv,132kv,33kv GIS,11kv SWGR & 0.4KV LVAC**

- Current Transformer and Voltage Transformer testing.
- Auxiliary Relays testing.
- Contact resistance measurement for Circuit breaker, Bus bar and Earth switches.
- Manual operation of Circuit breaker, Circuit breaker Spring charge mechanism & Earth switch.
- CB closing and tripping time and current measurement.
- CB spring charge motor time and current measurement.
- CB closing coil and tripping coil resistance measurement.
- Circuit breaker interchangeability test & penetration test for switchgear breakers.
- Circuit Breaker Timing test.
- High voltage test for Circuit breakers, bus bars and power cables.

## ***SCHEMES CHECKS FOR 220KV,132KV,33KV & 11KV***

- DC, TCS TSS Scheme checks.
- Primary injection for 132kv GIS & 11kv SWGR CT's.
- Sensitivity and Stability test for busbar protection.
- Diff, REF Sensitivity and Stability test for Transformers.
- VT's Secondary circuit checks.
- Trip coil current measurement & Trip logic checks.
- Battery systems commissioning.

## ***KITS KNOWN TO OPERATE***

- Omicron Make CT Analyzer
- Omicron Make CPC 100
- Omicron Make Secondary Injection Kit (CMC 256 Plus)
- Programma Make Secondary injection Kit (FREJA 300)
- Programma Make Primary Injection Test Kit (ODEN 3000A)
- Programma make CB Analyzer EGIL
- Programma Make Micro Ohm Meter
- Breaker time test kit Hathaway make CBT400E
- Breaker time test & Motion test TM 1600
- 5 kV BM-21 Megger
- AC High Voltage tester
- Sverker 760 Kit

## SOFTWARE SKILLS

- *Knowledge in operating systems like Word, Excel, MS projects , Power point & Auto-cad.*

## PERSONAL DETAILS

- *FATHER NAME* : *N. Selvarasu*
- *DATE OF BIRTH* : *23- 09- 1987*
- *SEX* : *Male*
- *MARITAL STATUS* : *Married*
- *STATE* : *Tamilnadu*
- *NATIONALITY* : *Indian.*
- *ADDRESS* : *No : 244/2 , south street ,kumaratchi,cuddalore dt,pin-608302*
- *INDIA MOBILE* : *+91-8883320089 , +91-8870811344*
- *DRIVING LICENSE* : **UAE driving license** ( Manual )
- *PASSPORT NUMBER* : *U8388781*
- *PASSPORT VALID UP TO* : *20/12/2030*
- *ISSUE PLACE* : *Chennai*
- *CURRENT STATUS* : *In notice period.*

***I would like to submit few words for your kind consideration. I have been working experience for the past 9 years as a senior Electrical project engineer. kindly consider my offer. If you do so I will do my duty with deep devotion and sincerity.***

Place:

Signature

Date:

( S. Vasantharaja)