GNANAVEL .G

Seeking managerial assignments in Project Quality Assurance / Project coordinator / Supplier Quality / Testing / Commissioning / Protection Engineer

PERSONAL DOSSIER

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LANGUAGE: Tamil, English, Hindi, Kannada

LOCATION: Bangalore

AREAS OF EXPERTISE

- ✓ Quality Assurance & Quality Control
- ✓ Supplier Audits & Supplier management
- ✓ Lean Manufacturing
- ✓ Project Management
- ✓ Team management
- ✓ Testing & Commissioning
- ✓ Operation & Maintenance
- ✓ Troubleshooting

SOFTWARE SKILLS

- ✓ CAP505,REBCON, REBWIN, PCM600 (ABB)
- ✓ Micom S1 Studio and Agile (ALSTOM)
- ✓ SFT2841,Vampset, Micom S1 Studio and Easergy Studio (SCHNEIDER)
- ✓ Digsi V4.93 (SIEMENS)
- ✓ Enervista UR setup and 650 setup (GE)
- ✓ AcSELerator Quickset (SEL)
- ✓ MS Office
- ✓ Wrench

TEST KIT HANDLED

- ✓ Omicron (CMC156,256,353,356), CPC100 & CT analyzer
- ✓ DOBLE and PONOVO
- ✓ MEGGER (FREJA/SMRT/SVERKER/MOM)
- ✓ DILO (SF6 Multi analyzer)
- ✓ ODEN (Primary current injection)
- ✓ EGIL Circuit Breaker analyzer
- ✓ Hi-Pot Kit up to 60KV(AC/DC)
- ✓ Transformer Winding resistance (SCOPE)
- ✓ Tan Delta (ELTEL)

ACADEMIC QUALIFICATION

- ✓ Bachelor of degree in Electrical and Electronics Engineering from Anna University in 2013.
- ✓ HSC from St. Ann's HSS, Tindivanam in 2009.
- ✓ SSLC from St. Ann's HSS, Tindivanam in 2007.

EXTRAMURAL ENGAEMENTS

- ✓ Certified Six Sigma Yellow Belt (SSYB)
- ✓ Completed Integrated Management System course ISO 9001, ISO 14001 & ISO 45001
- ✓ Participated certification in the Online Live Demo on "PRIMAVERA"
- ✓ Completed Advanced Excel training course

CAREER ABRIDGEMENT

A competent professional with 8+ years of experience as Electrical Engineer in the field of Solar project quality assurance activities, Project coordination activities for GIS/AIS testing and commissioning, Manufacturing activities and Inspection activities for various types of panels, Electrical item inspections and inspection coordination activities for various ground mounted solar projects (up to 300MW).

PROFESSIONAL EXPERIENCE

Quality Engineer - Tata Projects Limited (Oct'20 - Present)

- ➢ Responsible for Execution of PV Yard and Switchyard Electrical item inspections and inspection coordination activities for various Ground mounted solar projects (up to 300MW) for various clients such as NTPC, GSECL, Brookfield, Vibrant Energy, SECI, NHPC and TPREL.
- ➢ Responsible for ensuring that, Review and approval of Suppliers Inspection Test Plans (ITPs) by the Clients prior to manufacturing.
- ➢ Responsible for ensuring that, acquire, verify the inspection reports, distribute inspection reports and obtain/issue the material dispatch clearance certificate.
- ➢ Responsible for ensuring that, Non Conformance Report (NCR) and Outstanding Work Lists are closed prior to shipment and that all the works comply with approved drawings, applicable standards and approved specifications.
- ➢ Responsible for monitoring quality issues resolution with Engineering, procurement and contractor.
- ➢ Responsible for Perform Supplier Quality Assessment, execution of supplier improvement/development programs, maintaining the inspection reports, RCA, CAPA and NCR.

Supplier Quality Engineer - Schneider Electric Infrastructure Ltd (May'19 – Sep'20)

- ➢ Responsible for Execution of manufacturing activities and inspection activities from conception to completion for LT Panels, Control panels, Relay panels, RTU/SAS panels.
- ➢ Responsible for monitoring quality issues resolution with Engineering, procurement and contractor.
- ➢ Responsible for Perform Supplier Quality Assessment, execution of supplier improvement/development programs, maintaining the inspection reports, RCA, CAPA and NCR.
- ➢ Responsible for ensuring that, Non Conformance Report (NCR) and Outstanding Work Lists are closed prior to shipment and that all the works comply with approved drawings, applicable standards and approved specifications.
- ➢ Establish, monitor and develop improvement plans for quality key performance indicators (KPI) and 5S.

Senior Engineer - Technosys Engineers and Consultants Pvt. Ltd (May'18 – May'19)

- ➢ Execution of testing and commissioning activities of GIS, AIS, Railway Traction SS, Transformer, MCC panels, Switchgear/Switchboard, Control panels and Relay panels.
- ➢ Skilled in engineering reviews of specifications, GA drawings, Schematic drawings, Preparation of BOQ, FAT/SAT report, Cable schedule, Method of statement for SAT.
- ➢ Responsible for project scheduling and supervision of project team member's activities and complete the project as per agreed contract, cost and schedule.

Operation and Maintenance Engineer - Alfanar (Apr'17 – Apr'18)

- ➢ Execution of testing and Pre-commissioning activities of GIS up to 380kV, MCC panels,LV/MV Switchgear, ACDB/DCDB panels, VFD panels, Automatic Transfer Switch (ATS) panels, Control panels and Relay panels.
- ➢ Execution of Operation & maintenance activities of MCC panels and LV/MV Switchgear.
- ➢ Preparation of SAT report and Non-Conformity Report.

Senior Protection Engineer - G K Power Expertise Private Limited (Sep'13 – Jan'17)

- ➢ Execution of Testing and Commissioning activities of AIS / GIS (6.6kV to 765 kV).
- ➢ In-depth knowledge of Retrofitting, Testing and Commissioning of Numerical protection relays (like ABB, ALSTOM, SIEMENS, SEL, GE, SEPAM and SCHNEIDER).
- ➢ Schematic and interlock checking for LV/MV/HV/EHV Substations.
- ➢ Schematic modification and markup for LV/MV/HV/EHV Substations.

MAJOR PROJECTS HANDLED IN DOMESTIC & ABROAD

- ➢ 33kV GIS, 6.6kV Switchboard, 33/6.6kV Transformer CRP, 2MW Motor CRP - Tata Steel Ltd (Jamshedpur)
- ➢ 132/25kV TSS & 25kV SSP - Dedicated Freight Corridor Corporation Of India (Uttar Pradesh)
- ➢ 220/33kV Switchyard CRP - Inox Wind Infrastructures Limited (Rajkot)
- ➢ 66kV Line & 33kV Line CRP - BSES Yamuna Power Limited (Delhi)
- ➢ 400/132kV Switchyard CRP - NTPC (2*660MW Sholapur)
- ➢ 220kV Switchyard CRP - Shirpur Power Private Limited (2*150MW Shirpur)
- ➢ 220kV Switchyard CRP - MSETCL (Koradi)
- ➢ 0.415kV Incomer/Bus coupler, 6.6kV Motor feeders and 11kV Motor feeders ESCADA Signal testing - OXY (Mukhaizna, OMAN)
- ➢ 480V/4.16kV/13.8kV Switchgear, 480V/4.16kV MCC and 480V AFD panels - SAUDI ARAMCO (JIZAN, SAUDI ARABIA)
- ➢ 380kV/115kV GIS and 33kV Switchgear Testing & Pre-commissioning activities - Saudi Electricity Company (Naraiyah, SAUDI ARABIA)

DECLARATION

I hereby assure that the above-furnished details are true to the best of my knowledge and belief.

Yours sincerely,

Gnanavel. G