



G.N. SANTOSH

QA/QC PROFESSIONAL

CAREER OBJECTIVE

A focused professional with **6.5 years** of experience; targeting assignments in **Quality Assurance / Project Management / Process Control** with a growth oriented organization of high repute; preferably in Manufacturing sector

Location Preference: Mumbai, Chennai, Bangalore & Hyderabad

CONTACT

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SKILL SET

- Quality Management Systems
- SOP Formulation
- Incoming / In-process / Final / Customer Inspection
- Internal & External Audit
- QA/QC/Resource Management
- Vendor Management
- Supplier Inspection Procedures
- Quality Improvements
- Total Quality Management (TQM)
- Audits & Compliances
- Quality Loss Prevention
- Project Management

SOFT SKILLS

- Problem Solving
- Team Player
- Communication
- Detail Orientation
- Planner
- Results Driven

PROFILE SUMMARY

- An accomplished professional with proven success in **Quality Assurance, Project Management and Process Control** by ensuring optimal utilization of resources
- Highly skilled in **production planning control, production engineering, quality management, QMS implementation, QAP, process engineering, production supervising, manufacturing engineering, and process design, incoming, in-process and final inspection of all quality parameters, customer inspection, quality compliance & coordination with all team members**
- Proactively performed audits with team members to ensure compliance with **ISO 9001 standard**; ensured maintaining conformance to specification
- **QA/QC Specialist with experience in validated quality processes by establishing product specifications and quality attributes, measuring production, documenting evidence, determining operational and performance qualification, and writing and updating quality assurance procedures**
- **Conducted testing on high voltage insulating materials with high voltage up to 500kV** with Power Frequency Transformer while working for **Olectra Greentech Ltd., Hyderabad**
- Skilled in performing the customer **inspections of the product (Insulators)** of different projects as per the requirement witnessing by **PGCIL and RDSO and different utilities**
- **Testing product prototype at the external laboratory (CPRI/ERDA/KEMA)** as per the project requirements witnessing along with the Board Officials and Customers
- **Successfully met quality assurance financial objectives by estimating requirements**, preparing an annual budget, scheduling expenditures, analyzing variances, and initiating corrective actions
- **Developed, evaluated, and improved production methods**; modified processes to improve safety and product quality, and/or reduce costs
- Proactively took immediate correction, **steered efforts in the involvement & interactions with Vendors, Engineering Team & Management**
- Played a key role in reducing cost while working with **Olectra Greentech Ltd., Hyderabad** by:
 - INR 50 Thousand on Mechanical & Vibration Test for **“Single V Suspension Composite Insulator String”**
 - INR 1 Lakh on Vibration Test for **“765kV Quadtension String with hexagonal ACSR conductor”**

WORK EXPERIENCE

December 2019 – Present | Senior Engineer (Testing and Development)
Olectra Greentech Ltd., Hyderabad

Role:

- Meeting with the Product Designers to **determine quality assurance parameters**
- **Implementing testing procedures** and monitoring the QA process
- **Troubleshooting quality issues** and modifying test procedures
- Ensuring the **successful deployment of products into the market**
- Executing quality assurance activities such as **customer inspections of composite silicone rubber insulators**
- Coordinating customer inspection with **PGCIL /State Board Utilities/ Indian Railway**
- **Performing inspection of 25kV Railway Insulators** as per RDSO requirements
- **Working with various contractors, vendors, and technology providers** for scope and development of product
- Managing type testing activities of the insulators at various **NABL recognized Laboratories (i.e. CPRI & ERDA)**
- **Organizing a Testing Team of 5+ employees and taking responsibility for testing activities** and adopting various quality control techniques in order to improve the efficiency and reduction in process time

TECHNICAL SKILLS

- MS-Office
- MS-Excel
- AutoCAD
- Ubuntu Linux
- QMS Implementation
- QAP

EDUCATION

2015, M.Tech. (Electrical Power Systems)
Jawaharlal Nehru Technological University
(JNTU), Hyderabad

2013, B.Tech. (Electrical Engineering)
Jawaharlal Nehru Technological University
(JNTU), Hyderabad

TRAINING

- Attended "Training Program on High Voltage Testing Evaluation and Performance of EHV /UHV Equipment" by CPRI in 2020
- In-plant training at Sai Baba Flame Proof Switch gear Pvt. Ltd., Hyderabad in 2016

PROJECT

- Testing and Commissioning (31-days), GE Industrial Ltd., Whitefield Bangalore

Description:

Installation of Current Transformers and Potential Transformers of 66kV

PERSONAL DETAILS

- Date of Birth: 20th August 1992
- Languages: English, Telugu, Hindi & Kannada
- Address: H. No. 12-232, P&T Colony, Medipally, Hyderabad – 500098

- Witnessing the type tests along with PGCIL officials in coordination with the test center
- Preparing the documentation of test reports according to the project and submission to the marketing team for subject tender
- Attending the technical queries with the client as per the customer requirement

January 2018 – October 2019 | Assistant Test Engineer

Vidyuth Control Systems Pvt. Ltd., Hyderabad

Role:

- Played a key role in testing of CT & PT & Cubicle metering units from 11kV to 110/132/220kV/400kV as per the relevant IEC standards
- Worked with various contractors, vendors, and technology providers for product scope & development
- Managed additional responsibilities for preparation of tender technical document, offers and customer inspection
- Prepared and implemented new QAP as per new IS & IEC standards and maintained ISO documents
- Organized and managed a Testing Team of 12+ employees, ensured responsibility for QA activities and adopted various quality control techniques in order to improve the efficiency and reduction in process time
- Ensured planning for the raw materials and weekly scheduling
- Supported Production, Planning, Marketing and other user departments and resolved the various issues
- Conducted regular safety meetings for creating regular safety work atmosphere
- Participated in the design review meetings, pre/ post review meetings of tenders / contracts and other organizational level meetings
- Analyzed product drawings and detailed view of the components
- Prepared and implemented new QAP as per new IS & IEC standards and maintained ISO documents
- Led:
 - Troubleshooting and provided root cause analysis for electrical failures
 - Electrical and mechanical type testing like STC, Lightning Impulse, Transmitted Over Voltage, Multiple Chopped Impulse, Visual Corona, Seismic Test and Mechanical test and witnessed the same in NABL Laboratories (i.e. CPRI Bangalore & Hyderabad)

April 2017 – September 2017 | Field Test Engineer

Yathva Energy Solutions Pvt. Ltd., Hyderabad

Role:

- Tested CTs and PTs and Cubicle metering units from 11kV-220kV as per NABL standards duly witnessed by client
- Worked with TSTRANSCO and APTRANSCO & other state utilities regarding accuracy witness tests
- Monitored daily work progress against work schedule based on that conducting review meeting with Site In-Charges and rescheduling it
- Optimized project resources like manpower utilization for different activities
- Ensured sub-contractor material reconciliation
- Established safety in work environment, in accordance to the occupational safety and health regulations

April 2016 – April 2017 | Trainee Engineer

Vidyuth Control Systems Pvt. Ltd., Hyderabad

Role:

- Tested Current and Potential Transformers up to 110kV Class
- Performed testing of raw material and inspection of various materials used for manufacturing process
- Planned daily testing activities and tracked calibration of testing instruments reviewing design data sheet
- Conducted quality inspection of installation, material co-ordination and material recollection and reported daily work to QA Head