

DEEPAK NAIR

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Career Objective

Aspire to be among the best in field using skills and knowledge attained by me and there by adding value to myself and to the organization and have zeal to work in quality.

SYNOPSIS

- Exceptional track record of 5 years in renewable energy (Solar) through quality skills and execution Knowledge.
- Widely recognized as a Team Motivator; Team player; a Multi-Tasking individual, with a keen ability to handle crisis situations.
- In-depth knowledge and experience in providing quality improvement techniques & training to addressing client's requirements & needs
- Well versed in successful handling Site Quality (Construction Quality) of 3x30MW solar project (Sun Edison).
- Result-oriented, team player with strong interpersonal and analytical skills giving me the ability to make solid recommendations and positively impact decisions.
- Six Sigma Green belt certified from TUV-SUD.
- Good knowledge about Trackers (AP90 V 1.5/1.6/2.0, Next tracker v 2.1, Scorpius).

AREAS OF EXPERTISE

- Project Management-Roof top Projects
- Material Management/Inspection
- Project Planning-Roof Top Projects
- Construction Quality Management.
- Root cause Analysis, CAPA
- Site Quality Management
- Team Management

KEY SKILLS AND COMPETENCIES

- Quality Management System/Quality Assurance/Quality Control.
- Root cause analysis, CAPA, 8D Analysis, Fishbone analysis, 5why, 5s, 7QC tool, Kaizen, Documentation audit, Construction quality audit.
- Six Sigma green belt certified(TUV-SUD)
- Basic knowledge of internal audits, ISO Certification.

PROFESSIONAL CONTOUR

**Manager-Quality (Construction & Material) - Cleanmax Enviro Energy Soln Pvt Ltd, Bangalore
(since Sep'16)**

**Quality Coordinator/Project Engineer - TUV-SUD South Asia Pvt Ltd, Pune
(May'15 to August 16)**

**Quality Engineer- Harsha-Abacus Solar Pvt Ltd
(July 14'to May 15)**

**Quality Engineer- TRIGO QPS Pvt LTD
(July13'to June 14)**

**Drive-Test Engineer-VT Technology Pvt Ltd
(July 2012'to June 13)**

WORK EXPERIENCE

SOLAR

Ground Mount- Total 250MW (Tracker (NEXtracker/AP90/Scorpius), Fix tilt)
Rooftop - Total 10MW (Concrete Slab, Sheet)

TATA MOTORS

Vehicle –Incoming inspection/PDI
TRUCK- Dumpers, Trailers

TELECOM

Customer Complaint regarding network issue.
Network Quality & Strength

Job description / Responsibilities (Construction + Material)-SOLAR

- Develop Construction Quality Management process and regular review with EPC / site contractor
- Responsible for site quality compliance for Roof top as well as Ground Mount Project
- Review the drawings and offer the comments
- Calculate Yield Energy, Plant Performance, Energy losses.
- Providing training for new employees.
- Preparing proposal & QAP, FQP for new projects.
- Project Quality coordinator (handled 3-4 engineers for different solar sites).
- Construction Quality Audit monthly once.
- 220kv transmission line construction monitoring.
- 220/33kv pooling substation (Power Transformer, CT, PT Testing monitoring).
- Construction Quality Audit.
- Ensures contract review and project close out are adequately performed.
- Provides the necessary back-up to the Proposal/Project Manager regarding contractual issues relating to Quality during project execution phase.
- Monitoring and control of Quality requirements from Civil, Post mounting, structure erection, Electrical works both DC and AC side.
- Provide on job training (OJT) on site related works, quality function to ensure work done without hindrance.
- Monitoring and control of Incoming inspection, In-process work and Field inspection.
- Provides periodical analysis of project date (NCs-Non Conformity, complaints and lesson learnt). Monitors adequate close out of NCs- Non Conformity and events
- Project Execution, Project requirements & Planning.
- Prepare work schedule as per client requirement.
- Verifying calibration & Test Certificate for Instruments & materials.

- Preparing NCR, DPR, RFI & F&F.
- Quality plan & improvement, training.
- Execution + Quality (Site Management)-Roof top/Ground (Small Scale projects).
- Coordinating with design team & construction team to resolve site construction issues.
- Site Management & effective project management.
- Material Management coordination with Supply chain team
- Ensuring work & Safety compliance.
- Reviewing contractor PF, Insurance & ESIC documents for commercial projects.
- Preparation of Site Inspection/Audit reports.
- Construction monitoring & training.
- Construction Quality training on weekly bases.
- Monthly & weekly audit for documentation.

Material

- Factory Material Inspection (Roof top structure material, Aux transformer, Cables).
- Material QAP & Checklist Preparation.
- Test report review- Raw material/Galvanization
- Pre-delivery inspection at vendor side

Job description /Responsibilities: TATA MOTORS

- Inspecting Inward Chassis as per check-sheet.
- Prepare reports for major defect for inward chassis.
- Prepare report for major defect for FBV
- Inspecting FBV as per check-sheet.
- Prepare reports for inward chassis & FBV monthly basis.
- Inspecting inward Chassis visually.
- Verifying no dent, scratches on chassis & no major cuts on tyre.
- Verifying FBV visually, dimensionally & functionally.
- Preparing the quality report on monthly basis.
- Inspection on each stage.
- Final report submitted to customer.

Job description /Responsibilities: TELECOM

- Handle the Customer complain and optimize the respective area..
- Optimization by proper antenna tilt & antenna reorientation.
- Analysis of network like call drop, Handover success, Handover Failure
- Interaction with customer during optimization of sites (coverage & capacity).
- Coverage Optimization – Level and Quality Optimization to ensure Client meets level and Quality Commitments.
- KPI improvement for GSM.
- Interaction with customer during optimization of sites (coverage & capacity).
- TEMS investigation & Map info software used for recording & extracting the log files.
- Preparing the quality report on monthly basis.
- Final report submitted to customer.

CERTIFICATIONS & COURSES

- BSNL certified RF Engineer.
- Code of Ethics-Certificate of participation.
- Six Sigma Green belt certified from TUV-SUD.
- Solar Course-Design & Installation-MNRE

SCHOLASTICS

- PG – TQM (Total Quality Management), in 2016 passed out of 70% from Indian Institute of Quality Assurance.
- B.E (Electronics & Communication) in 2012 passed out of 70% from Patel Institute of Engineering & Science, RGPV University (Bhopal).
- H.S.C in 2008 passed out of 52% from M.G.M Higher Secondary School, M.P Board
- S.S.C in 2006 passed out of 69% from M.G.M Higher Secondary School, M.P Board

PERSONAL DOSSIER

Father Name : Gopal Krishnan Nair
Mothers Name : Usha Nair
Date of Birth : 15-October-1990
Passport No : M0375553
Languages Known : English, Hindi, Malayalam, and Tamil
Hobbies : Listening to music, surfing the net, Playing Cricket, PlayStations.