**PARAG S. SOLANKI**

**E-Mail:** parag4485@gmail.com

**Mobile:** +919879079311

**SENIOR OPERATIONS &MAINTENANCE PROFESSIONAL**

A versatile professional with over 11 years of experience in managing maintenance operations to optimize efficiency of machines and enhance overall organizational efficiency in Thermal & Power Plant

**PROFILE SUMMARY**

* Exhibiting a strong and firm approach for sustaining safe work environments& streamlining operations
* Applies continuous improvement principles to increase process & maintenance efficiency and company profits
* Expertise in executing project, implementing plans & schedules for maintenance and annual turnaround with focus on optimum utilization of manpower and materials
* Skilled in working out various requirements with respect to utilities, machines, manpower and monitoring overall operations for ensuring timely completion
* Assuring installation and commissioning of the equipment as well as conducting tests & inspections to ensure operational effectiveness of plant
* Efficient organizer, motivator, team player and a decisive leader; skilled in motivating teams to excel and win

**CORE COMPETENCIES**

Operations Management Plant Operations Installation, Testing & Commissioning

Breakdown Analysis Techno-commercial Operations Preventive/ Predictive Maintenance

Team Building & Leadership Process Improvement Liaison & Coordination

**WORK EXPERIENCE**

**Apr 17 to Jan 19: Etain Renewables Ltd. (Electrotherm Group), Charanka as Manager**

Executing **predictive, preventive & breakdown maintenance schedules** (daily & turnaround) to prolong the life of plant equipment and conducting routine inspection, repair & replacement to ensure smooth operations

* Accountable for daily generation, operations & maintenance relating to power process and assisting the O. & M. team
* Handling operations & maintenance of 66KV/11KV Switchyard and 17.5MVA Transformer, SF6 Circuit Breaker, VCB and ACB
* Facilitating daily power generation according to irradiation of solar light
* Overseeing start-up, shut down of Inverters, Switchyards & Power Transformers and monitoring vital parameters for smooth operations of the solar power plant
* Liaising with State Electricity Board for dispatch management and safety co-ordination relating to issuing and receiving of line clearance permits
* Monitoring performance of various of equipment and ensuring efficient utilization under operating conditions
* Developing maintenance, operations procedures to increase the efficiency; implementing standards and ensuring adherence to quality standards through in-process checks
* Leading the team with activities including planning targets, monitoring numbers and achievement of overall targets on a daily, weekly & monthly basis in adherence to the pre-set standards
* Managing of various day to day electrical & instrument equipment mechanism and supervising maintenance activities and onsite technical specification like String Current, SJB, DC Box, Inverter, etc.
* Communicating with security staff to give them proper guidelines on electrical equipment's safety as per industrial safety rules and to prevent theft
* Preparing various project reports for identifying areas of obstruction / defects, conducting troubleshooting, service and repair to rectify the equipment
* Planning and preparation of preventive maintenance schedules of various electrical equipment to increase machine up time and equipment reliability

**Jul’11 to Apr 17: Hindustan EPC Co. Ltd. (Moser Baer Group), Patan as Site Incharge (Senior Engineer)**

*Proactively identifying the areas of obstruction / breakdowns and taking steps to rectify the equipment through application of troubleshooting tools for Operation & Maintenance of 30MW Solar Power Plant*

**Highlights**

* Managed to re-store 14 out of 18 inverters within 12 hours which stopped working because of heavy rainfall
* Involved inchanging the Inverter’s Starting & Stop Voltage that led to increase in power generation
* Planned predictive & preventive maintenance schedules to ensure safe erection, installation, testing and commissioning of the Solar PV Plant
* Reduced downtime by 99% through various measures

**Major Projects:**

* Successfully led:
  + Installation of PV Modules on the designated structures, laying of cables in conduits/trenches as per the connection diagrams
  + Installation of the combiner boxes, testing of the strings and combiner boxes, termination of the cables at the combiners and inverters and insulation testing of cables
  + Operation & Maintenance of OFF load isolator
  + Maintenance of Areva Make 11KV/ 360V, 2 MVA Transformers
  + Operation & Maintenance of Areva Make 11KV SF6 & VCB Switchgear Panel
  + Maintenance of Areva Make 66/11 KV, 18/16 MVA Power Transformer
  + Operation & Maintenance of 66/11KV Sub-station

**May’10 to Jun’11: Energo Engineering Projects Ltd. as Engineer (Electrical In charge)**

*Conducted preventive, routine & breakdown maintenance of material handling plant (Lignite). Prepared Letter of Intent/ Work Order for Sub-contractors & OEM/OES for supply of spares and servicing of equipment.*

**Highlights**

* Successfully executed plant 3 TOT(Take Over Test) with maintain 800 TPH Lignite feeding
* Escalated Overall Operating Efficiency (OEE) through diligent efforts
* Increased the in-plant capability by 99% through effective maintenance; was appreciated for the same

**Major Projects:**

* Successfully ledOperations& Maintenanceof:
  + 2x125MW Thermal Power Plant
  + 800 TPH LHP Plant
  + Siemens channel partner PLC Panel & Automation Fault Rectification related to LHP Plant & Electrical controlling of Lignite Handling Plant
  + Apron Feeder, Dubble Roll Crusher, Conveyors, ILMS, Metal Detector, Lump Breaker &Lignite handling plant

**Jun’07 to May’10: Amar Engineering Services under TRF Ltd. as Electrical In-Charge**

**Highlights**

* Led PLC, SCADA operations of MHP Plant& RIO troubleshooting as per safety standard such as Work Permit and Lockout Permit
* Conducted operations and maintenance for:
  + 2x125 MW Lignite & Lime Handling Thermal Power Plant
  + 2X125 MW Lignite Thermal Power Station of GMDC Ltd.
  + CFBC Boiler of 405 TPH Alstom Makes
  + 170 MVA ANSALDO Make Alternator
  + TRF Make Lignite 600 TPH
  + Lime 300 TPH Material Handling Plant.
* Appreciated for increasing in-plant capability by 99% through predictive/ preventive maintenance

**Major Projects:**

* Successfully led:
  + Dry-type Transformer capacity up to 2000KVA 6600/440V
  + 6.6KV/440V Substation Equipment like PCC and MCC
  + Panels; HT SW/GEAR & LT Panels Air-Conditioner Drives, 440V PDBS
  + HT Motors (up to 1100KW, 6.6KV) and LT Motors (up to 160KW)
  + Motorized Valves and Gate
  + Switchgears, VCB & ACB, HT and LT
  + Battery Chargers up to 220V DC 35AH
  + Belt Weigher, Metal Detector, ILMS, PCS, BSS, ZSS Switch &FAS System are Control &Instrument Maintenance work
  + Maintenance work of Lignite & Lime Handling Plant of 2X125 MW Thermal Power Plant

**CERTIFICATION/ LICENTIATE**

* Got Electrical Supervisor License from Government of Gujarat

**EDUCATION**

* BE in Electrical from KSOU, in 2012
* Diploma in Electrical Engineering from Technical Examination Board, Gandhinagar in 2007

**PERSONAL DETAILS**

Date of Birth: 4thApril 1985

Present Address: B-51,Krishna Heritage Bunglows,Maghapura road, Radhanpur- 385340, Gujarat

Permanent Address: 63-A,Chitrakut nagar, opposite Shrinathji-3, Bharat Nagar Road,Bhavnagar-364002,Gujarat

Languages Known: Gujarati, Hindi & English