

SANTHOSH KUMAR. S
Manager- Electrical Maintenance

No:19, 1st Street, Sumithra Nagar,
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CAREER OBJECTIVE

An enthusiastic and self-motivated individual willing to work in a challenging and dynamic environment to keep adding value to myself and simultaneously contribute through hard work for growth and success of the organization.

PROFESSIONAL SUMMARY

Plant Maintenance
Project Management
Project Planning & Execution
Erection & Commissioning
Budget Planning & Control
TPM
PLC & Control System
Procurement
Vendor Management
Team Management
Audit Documents

- A result driven professional around 13+ years of experience in Plant Electrical, Mechanical & Instruments Maintenance/ Project Management in various industries like Automobile, Chemical Industry, Smelter Plant and Bulk Material Handling Plant.
- Good knowledge in Maintenance of PCC, MCC, PDB, LDB Panels, Transformers, Circuit Breakers, Motors, PLC, ABB AC VFD Drives, Relays and safety limit switches.
- Hands on experience of Pneumatic Press, Hydraulic Press, Chain Conveyor Oven, Flow Coating Machine, Batch Oven, Spray Coating Machine, Blowers, RAL, Air Purging system, Vent Blower, Agitators, Lime silo Vibrator, Stacker/Reclaimer and Conveyor Systems.
- Excellent communication and organization skills.

WORK EXPERIENCE

1. **M/s. SANKAR JP SEALING TECHNOLOGIES (P) LTD**, Manager - Dec'16 to Present
Industry: Engine Head Gasket Manufacturing Plant, Irrungatukottai- Chennai.
2. **M/S. MINERALS TECHNOLOGIES INDIA PVT LTD**, Sr. Engineer - June'12 to Nov'16
Industry: Precipitated Calcium Carbonate Plant, Dandeli, Karnataka.
3. **M/s. SIEMENS LIMITED**, Plant Engineer - Sep'11 to June'12
Industry: Aluminium Smelter Plant, Jharsuguda, Odisha.
4. **M/s. SICAL LIMITED**, Electrical Engineer - Sep'06 to Aug'11
Industry: Bulk Material Handling, Ennore, Chennai.

Key Responsibility:-

- Overseeing execution of preventive maintenance of equipment's, including schedules / shutdown maintenance to ensure trouble free operations.
- Preparing various project reports for identifying areas of obstruction / defects, conducting troubleshooting, service and repair to rectify the equipment's.
- Perform periodic maintenance of Electrical, Mechanical & Pneumatics (Predictive, Preventive & Breakdown).
- Maintenance of Pneumatic and Hydraulic Presses, Screen Printing Machine and Spray Coating machine, Flow coating Machine, Batch Oven and Conveyor Oven.
- Good in implementation of TPM.
- Good in Thermography and Vibration Analysis.
- Preparing technical specification of spare parts of machineries & BOQs as well for procurement for any modification in plant.
- Generating Daily & Monthly Reports Plant consumption and maintain the statutory compliances of all plant equipment's.
- Making cost estimation & carrying out the modification jobs for any improvement in plant.
- Maintaining all equipment's critical & consumable spares as per priorities of the plants listed equipment's.
- Planning (Manpower & Material) & Execution for Monthly, Half Yearly, Annual plant Shutdown related works.
- Preparing SOP of all plant equipment's for ensuring effective operation of all critical activities and checking the efficiencies of plant equipment's.
- Generating & maintaining necessary documents for audits.
- Responsible for efficient trouble shooting of the problems in plant equipment's.
- Planning and ensure availability of critical spares for smooth operation of the plant.
- Preparation & implementation of maintenance methods, SOPs/SMPs, check list & service sheets according to the best maintenance practices.
- Review and ensure all documentation are updated related to other audits such as electrical/safety/pollution board etc to avoid any observation.
- 100% compliance of statutory equipment's like pressure vessel, Forklift, machines and safety valve.
- Ensure availability of updated documentation such as P&ID, operation & service manuals, GA drawings and SOPs etc.

- Maintaining plant equipment History Card, Preparation of Root cause analysis and MTBF, MTTR.
- Ensure work permit, LOTO system, PPE and Management of change following as per system procedure.
- Identifying the critical spares for individual machines and ensure the minimum stock for uninterrupted production operations
- Ensuring Efficiency of Man, Machine and Material resources as per the Targets/guidelines.
- Cost estimation and planning of engineering projects and Review of vendor drawings and documents.
- Preparation of Datasheet and Inquiry Documents and handling Pre-Order Technical Clarification with vendors.
- Co-ordination and Execution of order with vendors.
- Developed Local Contractors & Vendors and Trained new operators to do the job as per our requirements
- Knowledge on Audit like IATF, ISO Standards required.

With M/s. MINERALS TECHNOLOGIES INC.

Key Responsibility:-

- Leading a team as Sr. Engineer.
- Performing PM, PDM and Shutdown jobs.
- Following permit like LOTO, Elevated Work, Confines Space and Hot work etc.,
- Following NRTR and JSA as per company standard.
- Maintenance of MCC Panel, Circuit Breakers and Motors.
- Maintenance of Slurry pumps, lime Silo vibrator, Screw conveyor, Slaker, Spencer Submersible Pumps, Carbonator Agitator, Screening system, Lime Blower, Air Purging System, RAL, Cooling Tower Fan and Pneumatic ON/OFF Valves.
- Good in 5S, Kaizen, TPM and SW to drive change and generate cost savings.
- Experience in calibration of Field Instruments using HART Communicator for PT, LT, TT, Flow, pH, Conductivity and Pneumatic ON/OFF Valves.
- MRO stocks every month and ensure that critical spares are available in store.
- Preparing equipment's breakdown data.
- Preparing and sending weekly plant highlights to engineering team to US.
- MIS Report.

With M/s. SIEMENS LIMITED.

Key Responsibility:-

- Leading a team as plant engineer.
- Preparing shift schedule to technicians.
- Planning for preventive maintenance and shutdown jobs in Smelter Plant.
- Maintenance of Air circuit breakers (ACB), MCC panels and LDB.
- Maintenance of Motors, VFD, PLC I/O panels and power packs.
- Maintenance of dry type transformer.
- Operation & Maintenance of electrical equipment's like Power free (P&F) Conveyors, Belt Conveyors, Crushers and Mills, Casting Machine, Good Anode Conveyor, Butt Press, Thimble Press, Rod & Stub Straightening and Rod brushing etc.

With M/s. SICAL LIMITED.

Key Responsibility:-

- Maintenance of distribution transformers up to 1000 KVA.
- Knowledge in trouble shooting SIMENS PLC (Simatic S7 400).
- Maintenance and troubleshooting of VFD ABB ACS 550 AC Drives.
- Maintenance of MCC panels in Stacker/Reclaimer & Wagon Tippler.
- Maintenance of LT motors.
- Maintenance of PCRD & CCRD.

EDUCATION

2002 – 2006 Bachelor's degree in Electrical & Electronics Engineering from PSVPEC, Anna University. (67%).

DECLARATION

I hereby declare that all the information given above are true and correct to the best of my belief.

Date:

Place:

(SANTHOSH KUMAR. S)