

Bhagirath Maheta

B-304 Sarthak Era Apartment, Surya Road, Sargasan, Gandhinagar-382421

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Objective

Experienced and dedicated professional with a strong commitment to contributing effectively towards organizational objectives. Excels in leveraging work experience to drive success and is adept at developing both hard and soft skills. Seeking opportunities to further enhance expertise and make a meaningful impact on the company's growth and success.

Summary

Electrical Engineer with over **10+ years of experience** in the electrical field, specializing in **project installation, commissioning, testing, operation, and maintenance** of electrical systems and equipment. Currently working with **ENVAC Environmental Technologies Pvt. Ltd.** as an **Electrical Engineer (Project & O&M)** at **GIFT City, Gandhinagar**, supporting the **Automated Waste Collection System (AWCS)** plant.

Highly skilled in **project management, team leadership, engineering coordination, procurement, construction activities**, and **end-to-end execution** including equipment installation, commissioning, testing, and ongoing operation & maintenance.

Skill Summary

EPC Project Planning & Procurement

- Developed and maintained EPC project schedules, prepared and updated progress reports.
- Prepared quarterly and monthly look-ahead plans, including detailed material planning.
- Extracted work quantities from drawings, prepared material requirements and allocated jobs to subcontractors.
- Attended client review meetings and subcontractor meetings to monitor work fronts and progress.
- Coordinated with engineering teams and vendors to achieve value engineering and project cost optimization.

Erection & Commissioning

- Erection and commissioning of electrical equipment including MCC, PCC, DG sets, battery banks, HT/LT panels, transformers, and solar panels.
- Supervised site fabrication of piping and erection of underground and above-ground piping systems (500 dia) for waste collection pipelines.
- Involved in construction of waste management plant structures such as platforms, supports, and bridges.
- Erection and commissioning of various electromechanical and instrumentation packages.

Operation & Maintenance

- Performed routine operation and maintenance of electrical equipment and machinery.
- Implemented preventive and predictive maintenance schedules through in-house teams and work contracts.
- Executed maintenance and project activities including job planning, supervision, issuing safe work permits, and contractor coordination.
- Maintained equipment history records and analyzed technical breakdowns to identify root causes.

- Reviewed recurring equipment failures and implemented corrective and preventive actions.

Work Experience

ENVAC Environmental Technology Pvt. Ltd.
Electrical Engineer (Project and O&M)

Nov'23 - Present

Responsibilities:

- Managed design, procurement, EPC scheduling, site execution, and O&M for the AWCS project at GIFT City, Gandhinagar.
- Ensured smooth, safe, and cost-effective plant operation with optimal use of power, equipment, and manpower.
- Handled electrical, mechanical, and instrumentation systems including PLC, LT/PCC/MCC panels, UPS, AHU, compressors, motors, and conveyor systems.
- Executed predictive, preventive, and breakdown maintenance with effective fault diagnosis.
- Maintained maintenance records and reports using MS Office.

Aarvi Encon Limited
Electrical Engineer (O&M)

Mar'22 – Oct'23

Responsibilities:

- O&M of 66 kV / 6.6 kV substations and LT/HT electrical systems at HPCL Mittal Pipeline Limited.
- Maintained PCC, MCC, transformers, breakers, CT/PT, motors, DG, UPS, battery banks, and auxiliary panels.
- Performed predictive, preventive, and breakdown maintenance with rapid fault rectification.
- Operated SAP for Permit to Work, equipment isolation, and QM activities.
- Coordinated with clients, contractors, and vendors; ensured safety compliance and maintained records using MS Office.

VM Powertech Pvt. Ltd.
Electrical Testing Engineer

Oct'21 – Mar'22

Responsibilities:

- Planned and executed testing of 66 kV, 132 kV, and 220 kV substations for GETCO.
- Tested power transformers, circuit breakers, CT/PT, isolators, lightning arresters, relays, and VCBs.
- Conducted transformer tests including Tan Delta, IR, winding resistance, magnetic balance, and short-circuit tests.
- Prepared and submitted test reports to the client.

Shreeji Technology
Electrical Project Engineer

Jan'19 – Sep'21

Responsibilities:

- Executed mobile tower installation projects for Indus Towers and Jio Towers in Gujarat.
- Planned site execution, arranged materials, and supervised contractors as per drawings.
- Monitored daily progress, ensured safety compliance, and guided vendors on-site.
- Completed installation, testing, commissioning, and project handover with reports.

Mehul Construction co.
Electrical Supervisor

Nov'16 – Dec'18

Responsibilities:

- Managed mobile tower installation projects for Indus Towers, Gujarat.
- Planned site execution, coordinated with clients and contractors, and arranged materials.
- Supervised work as per drawings, ensured safety compliance, and monitored daily progress.
- Completed installation, testing, commissioning, and timely handover with documentation.

Om Power Transmission Pvt. Ltd.
132kv Sub-Station Operator

Apr'16 – Sep'16

Responsibilities:

- Operated and maintained 132 kV substation and associated switchgear.
- Performed feeder isolation as per PGVCL requirements.
- Ensured strict compliance with LOTO procedures and safety norms.
- Executed shutdown maintenance activities.

Sadguru Enterprise
Technician

Aug'12 – May'13

Responsibilities:

- Installed and maintained CCTV and security systems.
- Diagnosed and repaired CCTV cameras.
- Provided technical support and service to customers.

Education Qualifications

- Bachelor of Engineer in Electrical (GTU) First Division
Dr. Subhash Technical Campus, Junagadh
- Diploma in Electrical Engineer (GTU) First Division
Shree N. M. Gopani Polytechnic Institute, Ranpur

June'16

Mar'13

Certificate & Training

- Certificate of Supervisor License
- Electric Safety Training
- First Aid Training

Personal Information

Date of Birth : 15 October 1991

Marital Status : Married

Declaration

I do here by declaring that all the above information furnished by me is true and correct to the best of my knowledge.

Place: Gandhinagar, Gujarat

Signature: Bhagirath Maheta

