

MOHAMED CASSIM MOHAMED ANEES

ELECTRICAL ENGINEER

Gender: Male
Marital Status: Single
Nationality: Sri Lankan
Age: 28 years (Date of birth: 14.07.1997)

Summary

Energetic and skilled engineering graduate with **3 - 4 years of hands-on field experience including 2 years of GCC experience in construction project.** Skilled in Designing, Estimating, Installation, testing, commissioning and maintaining electrical system. Experienced in power generation and distribution system of MV/LV in construction project. Looking for an industry to enhance my skills and become a good practitioner.

Previous work Experience

Company: - Zoman Mohamed Al hajri partners contracting co.|Al Khobar, KSA| December 2023 – December 2025
Position :- Field Electrical Engineer (Construction Project)
Duties and responsibilities:

- Reviewing project documents to understand the project scope, plans, specifications and IFC drawings to understand the electrical requirements.
- Conducting site surveys to access existing electrical infrastructure and identify potential challenges.
- Managing all allocation of manpower and materials for the site activity.
- Providing instructions and safety guidelines to prevent accidents during the installation of electrical components such as Duct banks, Street lighting poles, Traffic lights, Substations, Distribution boards, switchgears, High masts, Feeder pillar, etc.
- Implementing quality control measures to ensure compliance with Codes, standards and specifications provided.
- Providing technical guiding to the construction team as per the approved method statements and approved shop drawings.
- Conducting tests and commissioning electrical system to verify functionality.
- Coordinating with project managers, construction manager, consultants and sub-contractors.
- Maintaining accurate project documentation, including reports, test results and as-built drawings.

Company: - Bio energy solutions Pvt Ltd. | Ampara, Sri Lanka | December 2022 – December 2023
Position :- Electrical Maintenance Engineer (Thermal Power Plant)
Duties and responsibilities:

- Assisting in the maintenance and repair of electrical and instrumentation systems including motors, transformers, switchgear, control valves, transmitters,boilers,compressing station and water treatment plant.
- Troubleshooting electrical and instrumentation systems, Troubleshooting PLC, identifying root causes, and implementing corrective actions.
- Maintaining accurate record of all maintenance activities, including work orders, spare parts usage, and equipment history.
- Providing technical support to maintenance technicians and operators.
- Actively participating in initiatives to improve the reliability and efficiency of the power plant's electrical system such as implementing predictive, preventive maintenance programs and equipment upgrades.
- Conducting regular inspection and maintenance tasks.

Company: - Bio energy solutions Pvt Ltd. | Ampara, Sri Lanka | June 2022 – December 2022
Position :- Electrical Engineering Trainee (Thermal Power Plant)
Duties and responsibilities:

- Worked in the 2.5MW thermal power plant in Maintenance department.
- Performed in maintenance of generator to ensure that it is in the most operation condition.
- Performed in synchronization of the generator with the national grid using synchronization methods.
- Performed in maintenance of 6.6kv/33kv substation and substation components.
- Maintained Isolators, Circuit breakers, CT, PT, Metering CT and protection relays.
- Performed in the preventive, predictive maintenance of instrumentation and automation system of the boiler and water treatment plant.
- Attended meetings and workshops.

Educational Qualification

Bachelor of Engineering Technology (Honours) in Electrical and Electronics.
Accredited by Institute of Engineers Sri Lanka (IESL) & Recognized under the Sydney Accord.
GPA: 3.08 out of 4
Graduated: 23rd December 2022
Course Duration: 4 years
University: University of Jaffna
Country: Sri Lanka

Skills

Technical Skills	Language Skills	Soft Skills
AutoCAD	Tamil(Native)	Innovative
Sketch UP	English(Fluent)	Adaptable
DIALux Evo	Arabic(Beginner)	Proactive
PLC & DCS	Hindi(Beginner)	Leadership
MS Office packages	Malayalam(Beginner)	Critical thinking
Matlab Simulink	Sinhala(Beginner)	Work under Pressure
Trending AI tools		

Project Experiences

CNC machine prototype building with 5 degree of freedom.
Lawn mower robot prototype building.
Sea water plantation by using integrated renewable energy sources in Sri Lanka – Research project.
Smart Elephant fences for the protection of forest roads.

Courses

Certificate in MEP Draftsman | 2018
(Electrical Drawing, Fire alarm Drawing, Plumbing drawing and HVAC drawing using Auto CAD)

Electrical Continuing Professional Development (CPD) Course | 2022
(Basic Applications of Design, Installation, Testing & Commissioning of Low Voltage (LV) and Extra Low Voltage (ELV) works for construction projects (Local & International Projects))

References

Available upon request