

Corexsolar International Mtius Ltd (CSIM) is a major EPC Contractor in the Renewable Energy Sector in Mauritius as well as the Indian Ocean. CSIM has designed and built more than 80MW of connected Photovoltaic Power Plants of Solar Projects.

We design, develop, build , operates and maintain PV Systems

The **Technical Officer**, reporting to the Operation and Maintenance Engineer (O&M Engineer), responsible for overseeing the daily operations and maintenance activities to ensure the efficient and safe functioning of the solar farm.

Key Responsibilities:

- **Health and Safety:** Assist in the implementation and enforce health and safety policies and procedures to ensure a safe work environment for all personnel, including conducting regular safety inductions to visitors and other stakeholders.
- **Daily Operations:**
 - Conduct inspections and monitoring of PV systems as per daily inspection and preventive maintenance plan
 - Supervise and coordinate daily activities with contractors and ensuring compliance with safety and environmental regulations.
- **Maintenance Planning:** Assist in the development and implement maintenance plans to ensure optimal performance and longevity of equipment, including scheduling preventive maintenance and coordinating corrective maintenance activities.
- **Maintenance works:**
 - Assist the O&M Engineer organises the work and resources for the execution of the jobs as per deadline and planning
 - Troubleshoot and assist suppliers/manufacturers to troubleshoot faulty equipment
 - Replacement of defective parts or components
- **Performance Monitoring:** Monitor and assist the O&M Engineer, or delegated team, to analyse performance data to identify trends, diagnose issues, and implement corrective actions to optimize energy production and efficiency.
- **Stakeholder Coordination:** Assist the O&M Engineer to communicate with internal and external stakeholders, including equipment suppliers, contractors, and regulatory bodies, to coordinate activities and ensure compliance with regulations and standards.
- **Budget Management:** Assist the O&M Engineer to develop and manage the O&M budget, including tracking costs and expenses, and identifying cost-saving opportunities.

Corexsolar International (Mauritius) Ltd.

a C/O SWL Properties, Valentina Industrial Zone, Phoenix, 73553, Mauritius

t (230) 660 0045

corexsolar.com



Reporting:

- Complete relevant maintenance reports on maintenance activities.
- Properly record all PV plant performance values, including energy, power, weather data for billing and performance analysis purposes.
- Assist the O&M Engineer in the preparation of reports on O&M activities, performance metrics, and budgetary matters for management and stakeholders.
- **Lessons Learned:** Assist the O&M Engineer Document and share lessons learned from O&M and asset management activities to improve processes, efficiency, and decision-making.
- **Environmental Compliance:** Ensure compliance with environmental regulations and standards, including waste management, pollution prevention, and resource conservation, to minimize the environmental impact of solar farm operations.

Qualifications & Experience

- Diploma in Electric, Electronic or a related field.
- Valid driving licence
- 2/3 years of relevant experience in electrical/electronic or maintenance field.
- Prior experience in solar PV maintenance will be an added advantage

Skills and Abilities

- Strong knowledge of electrical systems and components.
- Good troubleshooting and problem-solving skills.
- Ability to read and understand technical documents (O&M Manuals, Plans, drawings, etc.)
- Be computer literate and ability to use MS software (MS Words, MS Excel, etc.).
- Ability to work effectively in a fast-paced environment.
- Ability to work independently and in a team environment.
- Attention to detail and focus on quality.
- Ability to multitask and prioritize tasks effectively.
- Possess strong organizational and time management skills.

KEY RELATIONSHIPS

Internal Teams (CSI Mauritius, CSI Reunion), Clients, Suppliers, Contractors, Relevant Authorities

Corexsolar International (Mauritius) Ltd.

a C/O SWL Properties, Valentina Industrial Zone, Phoenix, 73553, Mauritius

t (230) 660 0045

corexsolar.com

