



Engineer, Power

Position No.	MEL2511
Vacancy Type	Internal & External
Classification	PSIII 5
Salary	Rs. 40,100 x 1,000 – 47,100 x 1,300 – 58,800 x 1,500 – 70,800
Employment Type	Permanent Position
How to Apply	Online applications are preferred. For online application and downloading Application Form, please visit: https://www.mauritiusmetroexpress.mu/job-vacancies/ Via email: Applications together with scanned copies of academic qualifications can also be emailed to: - career@metroexpressltd.org Via post: Applications together with scanned copies of academic qualifications can also be addressed to: - Human Resources Manager Metro Express Limited, Branch Road, Richelieu The envelope or the title of the email should be clearly marked “Engineer, Power”.
Position deadline	Monday, 05 January 2026 at 15h00 Applications received after the closing date will not be considered.

Job Title:
Engineer, Power

Reporting Line:
Manager, Power

Function/Division :
Maintenance

Location:
Richelieu

The incumbent shall be assigned to Power Department under the Maintenance Division. He/she shall be responsible for the maintenance of the High Voltage/Low Voltage (HV/LV) System, Environment Control System (ECS), Electrical, Mechanical & Fire Protection (EMF) System, SCADA and Traction system. The duties and responsibilities include but not limited to:

Qualifications:

- (i) Possess a bachelor's degree in electrical or mechatronics Engineering discipline from a recognised University or an equivalent qualification acceptable to the Board of MEL;
- (ii) Have at least 5 years' working experience preferably in engineering maintenance environment with at least 2 years' working experience in power distribution systems and equipment;
- (iii) Registration as a Professional Engineer of Mauritius (or equivalent recognised international standing) in the fields of electrical or mechatronics engineering with the Council of Registered Professional Engineers of Mauritius under Section 13 of the Registered Professional Engineers Council Act no. 49 of 1965, and as subsequently amended, would be an added advantage;
- (iv) Ability to interpret electronic / electrical single line drawings, statistical charts, figures, technical measurements and results

Attributes:

- (i) Possess excellent technical, analytical skills, resourceful and pro-active;
- (ii) Ability to work both in a team and independently;
- (iii) Computer literate and able to operate basic software packages (e.g. Word, Excel, PowerPoint, Outlook, and engineering software);
- (iv) Ability to adapt to new working environment, multi-task and work under pressure;
- (v) Previous working experience in operations and maintenance in electrical and mechanical system with sound knowledge and working experience in power system (Traction and Overhead Catenary) in the railway industry will be an added advantage;
- (vi) Knowledge of automation, programmable logic controllers and troubleshooting principles would be an advantage.
- (vii) May be required to work odd hours.

Duties & Responsibilities:

- i. Responsible for Power Systems Equipment reliabilities;

- ii. Plan, organise, and optimise resources (manpower, machine/tools, spare parts, methods etc.) to ensure uninterrupted train service and equipment performance meet the set targets;
- iii. Lead and manage the teams performing Preventive Maintenance (PM) and Corrective Maintenance (CM) of the Power Systems Equipment;
- iv. Ensure that the quality procedures, policies and instructions are in place and in compliance;
- v. Review work practices for continuous improvement;
- vi. Review and endorse engineering reports;
- vii. Lead and manage technical investigations, failure trend analysis and interfacing with staff from other Sections on technical issues related to Power Systems Equipment;
- viii. Track Power Systems Equipment faults, troubleshoot, and recommend corrective and preventive actions;
- ix. Manage contracts with external parties, where required;
- x. Review training needs and requirements of the Power Section;
- xi. Conduct periodic supervision of staff work;
- xii. Conduct test and validation of procured parts;
- xiii. Prepare status report(s) for the Power Section;
- xiv. Perform evaluation of bids;
- xv. Liaise with foreign suppliers;
- xvi. To undertake projects related to energy efficiency and energy saving;
- xvii. Assist the manager of the section to prepare budget and track overall budget performance;
- xviii. Prepare and validate key performance indicators for subordinates and track performance indicators of subordinates;
- xix. Participate in drills – simulation exercises organised by MEL;
- xx. Ensure safe working practices and adherence to MEL's safety standards;
- xxi. Update work instructions and identify/update procedures within the department.
- xxii. Conduct audits- (Tools management, adherence to maintenance plan, health and safety audits)
- xxiii. Identify improvement plans for subordinate and assist to include in yearly training need analysis;
- xxiv. Initiate improvement projects within the department
- xxv. To perform such other duties related to the main duties listed above or related to the roles ascribed to him.

MEL reserves the right not to fill any vacancy following this advertisement and to call for interview only the best qualified candidate.

03 December 2025