

POSITION DESCRIPTION



ENGINEER, PERMANENT WAY & INFRASTRUCTURE

Position No.	MEL23
Vacancy Type	Internal & External
Classification	PSI 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	<p>Online applications are preferred. For online application and downloading Application Form, please visit: https://www.mauritiusmetroexpress.mu/job-vacancies/</p> <p>Via email: Applications together with scanned copies of academic qualifications can also be emailed to: - career@metroexpressltd.org</p> <p>Via post: Applications together with scanned copies of academic qualifications can also be addressed to: - Human Resources Manager Metro Express Limited, Level 3, SICOM Tower, Wall Street, Ebène 72201</p> <p>The envelope or the title of the email should be clearly marked “Engineer, Permanent Way & Infrastructure (PWI)”.</p>

Position deadline	Friday 26 May 2023 Application made without completed MEL Application Form and received after the closing date will not be considered.
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Job Title:
Engineer, Permanent Way & Infrastructure (PWI)

Reporting Line:
Manager, Permanent Way & Infrastructure (PWI)

Function/Division:
Maintenance

Location: Richelieu

Qualifications:

Possess a Bachelor degree in Mechanical or Civil Engineering discipline from a recognised University or an equivalent qualification acceptable to the Board of MEL

Attributes:

- a) Have at least 5 years' working experience preferably in engineering maintenance environment with at least 2 years' working experience in construction or railway environment;
- b) Registration as a Professional Engineer of Mauritius (or equivalent recognised international standing) in the fields of civil, electrical or mechanical 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;
- c) Ability to interpret electronic / electrical single line drawings, statistical charts, figures, technical measurements and results;
- d) Possess excellent verbal and written communication skills, inter-personal skills, analytical skills, resourceful and pro-active;
- e) Has good supervisory skills, and ability to work both in a team and independently;
- f) Computer literate and able to operate basic software packages (e.g. Word, Excel, PowerPoint, Outlook, and engineering software and asset management software);
- g) Ability to adapt to new working environment, multi-task and work under pressure;
- h) Preferably with knowledge on project management and contractual issues with ability to deliver impartial judgement on contractual decisions

Successful candidates will undergo a structured training program to equip with the knowledge and skills to perform the duties ascribed.

The incumbent shall be assigned to **Permanent Way & Infrastructure Department** (Tracks, Maintenance Vehicles and Infrastructure) in the Maintenance Division.

The duties and responsibilities include but not limited to:

1. Responsible for Permanent Way & Infrastructure Systems Equipment reliabilities;

2. Plan, organise, and optimise resources (manpower, machine/tools, methods etc.) to ensure track availability and equipment performance meet the set targets;
3. Lead and manage the teams performing Preventive Maintenance (PM) and Corrective Maintenance (CM) of the Permanent Way & Infrastructure Systems Equipment;
4. Ensure that the quality procedures, policies and instructions are in place and in compliance;
5. Review work practices for continuous improvement;
6. Review and endorse engineering reports;
7. Lead and manage technical investigations, failure trend analysis and interfacing with staff from other Sections on technical issues related to Permanent Way & Infrastructure Systems Equipment;
8. Track Permanent Way & Infrastructure Systems Equipment faults, troubleshoot, and recommend corrective and preventive actions;
9. Manage contracts with external parties, where required;
10. Review training needs and requirements of the Permanent Way & Infrastructure Section;
11. Conduct periodic supervision of staff work;
12. Conduct test and validation of procured parts;
13. Prepare status report(s) for the Permanent Way & Infrastructure Section; and
14. Investigates, monitors, inspects and analyses existing permanent way and infrastructure conditions, prepares periodic and special reports and other necessary correspondence as assigned;
15. Highlight and Follow up on DLP issues
16. Prepare work instructions, monthly reports, Fault Investigation and Incident reports, Waiver of Non-conformity reports when and as required.
17. Monitor spare parts inventory and raise IR for procuring them.
18. Raise work orders, perform, review and close the work orders;
19. Follow-up of all faults/issues found during PM and raise CM work order;
20. Drive company vehicle, where required and possess a valid manual driving licence;
21. Provide support to ground staffs during heavy rainfall, cyclonic conditions and confinement or any force majeure and plan for preparedness and recovery actions.

22. Report on actual work performed against the scheduled work program and report any equipment performance and condition irregularities;
23. 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.