

POSITION DESCRIPTION



ENGINEER, SYSTEM

Position No.	MEL0725
Vacancy Type	Internal & External
Classification	PSI 5
Salary Range	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://mauritiusmetroexpress.mu/job-vacancies/?lang=en

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 Ltd

Metro Express Depot

Branch Road, Richelieu

The envelope or the title of the email should be clearly marked "Engineer System".

Position deadline	Monday, 25 August 2025
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Application made without completed MEL Application Form and received after the closing date will not be considered.

Job Title:
Engineer, System

Reporting Line:
Manager, System

Function/Division:
Maintenance

Location: Richelieu

Qualifications:

- (i) Possess a bachelor's degree in electrical & Electronics, Electronics & Communications, Electrical 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 with Signalling / Communication systems and equipment

Attributes:

- a) 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;
- b) Ability to interpret electronic / electrical single line drawings, statistical charts, figures, technical measurements and results;
- c) Possess excellent technical, analytical skills and pro-active;
- d) Ability to work both in a team and independently;
- e) Computer literate and able to operate basic software packages (e.g. Word, Excel, PowerPoint, Outlook, and engineering software);
- f) Ability to adapt to new working environment, multi-task and work under pressure;
- g) Previous Railway System or related qualifications with sound knowledge and working experience in signalling / communications systems in the railway industry will be an added advantage;

The incumbent shall be assigned in the Systems Department (Signalling/Communications/Fare Systems) in the Maintenance Division. The duties and responsibilities include but not limited to:

- 1. Responsible for Signalling / Communications / Fare Systems Equipment reliabilities;
- 2. Plan, organise, and optimise resources (manpower, machine/tools, methods etc.) to ensure train availability and equipment performance meet the set targets;
- 3. Lead and manage the teams performing Preventive Maintenance (PM) and Corrective Maintenance (CM) of the Signalling / Communications / Fare 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 Signalling / Communications / Fare Systems Equipment;
8. Track Signalling / Communications / Fare 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 Systems Section;
11. Conduct periodic supervision of staff work;
12. Conduct test and validation of procured parts;
13. Prepare status report(s) for the Systems Section; and
14. 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.

25 July 2025