

TR 125:2024
(ICS 03.220.30)

TECHNICAL REFERENCE

**Mass rapid transit (MRT) operations –
Guide for the use of on-track equipment**

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Foreword

This Technical Reference (TR) was prepared by the Working Group on Use of On-track Equipment set up by the Technical Committee on Railway Systems under the purview of the Transportation Standards Committee.

This TR is a provisional standard made available for application over a period of three years. The aim is to use the experience gained to update the TR so that it can be adopted as a Singapore Standard. Users of the TR are invited to provide feedback on its technical content, clarity and ease of use. Feedback can be submitted using the form provided in the TR. At the end of the three years, the TR will be reviewed, taking into account any feedback or other considerations, to further its development into a Singapore Standard if found suitable.

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Mass rapid transit (MRT) operations – Guide for the use of on-track equipment

1 Scope

This Technical Reference (TR) provides rail operators (RO) with the guidance on the safe operations of on-track equipment (OTE) for the main line and depot. It covers the following aspects:

- a) General guidelines;
- b) Planning the use of OTE;
- c) Pre-use inspection and briefing;
- d) Training for operating OTE;
- e) Operating of OTE;
- f) Managing OTE related incident.

2 Normative references

There are no normative references in this standard.

3 Terms and definitions

For the purpose of this TR, the following terms and definitions apply.

3.1 Depot control centre (DCC)

A centre that controls and coordinates the depot operations.

3.2 On-track equipment (OTE)

Equipment that has wheels to enable its intended movement (manually pushed or motorised) along the track to transport either tools, materials, personnel and/or to allow inspection or maintenance activities on track. The OTE is significantly smaller/lighter than a common railway wagon.

3.3 Operations control centre (OCC)

The facility that controls and coordinates the system-wide operations of the railway.

3.4 Planner

The person who develops the work plan, describing how the work is carried out, including the handling of the OTE, if any.

3.5 Rail operator (RO)

The organisation responsible for the operation and safety of a railway network as well as providing customer services to passengers.