

TR 86 : 2021
(ICS 01.040.45; 45.020)

TECHNICAL REFERENCE

Terminology for asset management of rail network assets

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assets**

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TCSC set up the Technical Committee on Railway Systems to oversee the preparation of this standard. The Technical Committee consists of the following members:

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The Technical Committee set up the Working Group on Terminology for Asset Management of Rail Network Assets to prepare this standard. The Working Group consists of the following experts who contribute in their *individual capacity*:

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The organisations in which the experts of the Working Group are involved are:

Land Transport Authority
SBS Transit Ltd
Siemens Mobility
Singapore Institute of Technology
Singapore Rail Academy
SMRT Trains Ltd
ST Engineering Electronics
The Institution of Engineers, Singapore

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Foreword

This Technical Reference (TR) was prepared by the Working Group on Terminology for Asset Management of Rail Network Assets set up by the Technical Committee on Railway Systems under the purview of TCSC.

This TR was developed to promote understanding and consistency by providing precise technical definitions of terms used in regulatory and industry references for all works related to asset management for railway. It is also intended as a reference for other asset management related standards that may be developed.

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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2. International Organization for Standardization – ISO 55000:2014 Asset management – Overview, principles and terminology and ISO 31000:2018 Risk management – Guidelines. (ISO standards can be purchased from Enterprise Singapore.)
3. Land Transport Authority – Asset Management Requirements
4. The Local Government and Municipal Knowledge Base – <http://www.lgam.info>

Acknowledgement is made for the use of information from the above publications.

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1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions. Where SSs are deemed to be stable, i.e. no foreseeable changes in them, they will be classified as "Mature Standards". Mature Standards will not be subject to further review, unless there are requests to review such standards.*
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3. *Compliance with a SS or TR does not exempt users from any legal obligations.*

Terminology for asset management of rail network assets

1 Scope

This Technical Reference (TR) covers common terms used in asset management related works in a railway system such as asset planning, design and build, procurement, operation, maintenance, performance monitoring, modification and renewal, decommissioning and replacement.

The TR does not cover terminology specific to individual assets, e.g., for the Permanent Way.

2 Normative references

There are no normative references in this Technical Reference.