TECHNICAL REFERENCE

Specification for system and software modifications in the rapid transit system

Singapore Standards Council

TR 112:2023
(ICS 45.020)

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Contents

Foreword

This Technical Reference (TR) was prepared by the Working Group on Specification for System and Software Modifications in the Rapid Transit System set up by the Technical Committee on Railway Systems under the purview of the Transportation Standards Committee.

This TR establishes what constitutes a system and software modification and details the requirements and criteria when requesting for a system and/or software modification on the Rapid Transit System (RTS) in Singapore.

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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NOTE

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Specification for system and software modifications in the rapid transit system

1   Scope

This Technical Reference (TR) covers modification works associated in the operations and maintenance phase that is performed on the existing rapid transit system (RTS) such as hardware and software modifications that can have an impact on its safety, technical and/or operational performance.

Modifications that are not covered in this TR include those made to the entire contract/project scope. Some examples are as follows:

–   RTS line expansion;
–   New RTS station;
–   New depot for RTS line;
–   New RTS interchange; and
–   Additional railway vehicles.

However, those contracts/projects that involve the interface with existing RTS systems and infrastructures are covered in this TR.

2   Normative references

There are no normative references in this TR.