

Our Ref: LTA/DBC/D66.058.001

Date: 2nd December 2024

CIRCULAR TO PROFESSIONAL INSTITUTIONS

Who should know

Building Owners, Developers, Architects, Engineers, Registered Surveyors and Contractors/Builders

Effective Date

Immediate effect

Dear Sir/Madam

A. REVISION TO THE CODE OF PRACTICE FOR RAILWAY PROTECTION (DECEMBER 2024 EDITION)

1. The **Code of Practice for Railway Protection** (referred to as the Code) plays a pivotal role in providing guidance for the continuous and safe operation of train services by safeguarding the Rapid Transit System from the effects of development and building works in its vicinity. Issued under the Rapid Transit Systems (Development and Building Works in Railway Corridor and Railway Protection Zone) Regulations, the Code sets standards, submission procedures, technical conditions and other requirements for carrying out any development or building works within the railway corridor and railway protection zone.
2. In line with our commitment to maintaining high safety standards and facilitating efficient processes, the Land Transport Authority (LTA) embarked on the review of the Code in July 2023. This review, culminating in the December 2024 version, aimed to update, clarify, and align the Code with prevailing standards, industry best practices, and regulatory requirements. The collaborative effort involved contributions from both LTA staff and industry practitioners, ensuring that the Code reflects the latest advancements and addresses pertinent considerations.
3. The list of updates is summarised in Annex A. We would appreciate it if you could convey the content of this circular to members of your respective organisations. The revised CPRP is available on LTA's corporate website, or by scanning the QR code provided below:



B. CONTACTING US

4. As part of the LTA's continuous effort to enhance communication and provide timely responses to the industry, we wish to share that the contact details for the respective officer-in-charge overseeing the development projects can be found on the [LTA | DBC Officer Search](#). Please copy your emails to LTA-DBC_Registry@lta.gov.sg to ensure that your enquiries are followed up promptly. We would reply to enquiries within 3 working days if they are straight forward, while more time may be needed for other queries.



Scan here for DBC officer search

5. If you have any queries or suggestions, please do not hesitate to reach out to us at LTA-DBC_Registry@lta.gov.sg.

Thank you.

Quek Teck Beng

Director

Development & Building Control

ANNEX A

<p>Update of engineering codes and requirements</p>	<ol style="list-style-type: none"> 1. Update to align with prevailing Engineering Codes <ul style="list-style-type: none"> • British Standard → Eurocode • Standard for Fire Safety in Rapid Transit Systems, Code of Practice for Fire Precautions in Buildings (Fire Code) → Code of Practice for Fire Precautions in Rapid Transit Systems • SS CP 51 Code of Practice for Manufactured Gas Pipe Installation → SS 608 Code of Practice for Gas Installation • SS CP 10 Code of Practice for the Installation and Servicing of Electrical Fire Alarm Systems → SS 645:2019 Code of practice for the installation and servicing of electrical fire alarm systems 2. Update of technical requirements <ul style="list-style-type: none"> • Technical requirements (e.g., allowable imposed load and total movement) for new lines (e.g. DTL and TEL) are updated
<p>New features/requirements</p>	<ol style="list-style-type: none"> 1. New features added to make it more intuitive for users to navigate within the document and facilitate quick retrieval of information. <ul style="list-style-type: none"> • Hyperlinks to relevant Regulations, Guides and useful links are provided where available. • “Did You Know” info bites are introduced to bring awareness to useful information. 2. New diagrams/figures added to elaborate the requirements/definitions. 3. Mapping of current submission processes to the various Gateways in Corenet X. 4. Survey Practices has been added to provide guidance on the preparation of survey plans.

	<p>5. New Public Transport Security requirements to be incorporated in development/building works falls within 20m from station entrances</p> <p>6. New requirements for easy management of the tunnel monitoring data</p>
<p>Removal of requirements</p>	<p>1. Excavation within 1st reserve</p> <ul style="list-style-type: none"> • In view of the expansion of rail lines and land scarcity in Singapore, it's unavoidable that developments come closer to/within 1st reserve. Hence, the requirement of excavation works not being allowed within 1st reserve will be removed from the revised CPRP. Nonetheless, the works must be designed such that the impact to RTS is minimised as much as possible and within allowable limits. <p>2. Standard Declaration</p> <ul style="list-style-type: none"> • Standard Declaration by QP on the first sheet of the plan submitted is no longer required. All declarations will be provided at the point of E-CORENET submission. <p>3. Design requirements pertaining to integrated developments</p> <ul style="list-style-type: none"> • Duplicated design requirements and consideration for integrated developments are removed and user shall refer to Quick Guide Series and Guidebook for Carrying Out Modification Work to Rapid Transit System (RTS) Stations or Railway by Private Developer.

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