

# September 2024 Standards Update

07/12/2024

Welcome to the quarterly Standards and Rule Book update. Over 30 Rule Book modules and handbooks have been updated in five project areas. These include GSM-R radio, walking on the track safely, operation of route and line proving trains, speed restrictions, and use of the warning horn. There are also two new standards, a new technical note, new signage, and more.

[Download the September 2024 interactive standards briefing presentation.](#)

[Download the September 2024 interactive Rule Book briefing presentation.](#)

[Watch the September 2024 Updates to Standards webinar, here.](#)

## The Rule Book

There have been changes to the following items in the Rule Book. Changes are updates unless explicitly described as new.

### GSM-R radio

- [GERT8000-TW1 Iss 20](#) Preparation and movement of trains.

### Walking on the near the line

- [GERT8000-HB1 Iss 8](#) - General duties and track safety for track workers
- [GERT8000-HB6 Iss 8](#) - General duties of an individual working alone (IWA)
- [GERT8000-HB7 Iss 9](#) - General duties of a controller of site safety (COSS).
- [Get more details](#)

### Operation of Route and Line Proving Trains

- [RIS-3771-TOM Iss 1](#) (new) - Operation of Route and Line Proving Trains
- [GERT8000-HB1 Iss 8](#) - General duties and track safety for track workers
- [GERT8000-HB8 Iss 10](#) - IWA, COSS or PC blocking a line
- [GERT8000-TS1 Iss 18](#) - General Signalling Regulations
- [GERT8000-TW1 Iss 20](#) - Preparation and movement of trains. A supporting document on the use of horns is attached to this document.

### Speed restrictions

- [Sign AB10 Iss 1](#) - ETCS location marker
- [Sign AD06 Iss 1](#) - Permissible speed acceleration indicator
- [Sign AF09 Iss 1](#) - Temporary speed restriction termination - Acceleration indicator
- [GERT8000-SP Iss 7](#) - Speeds
- [GERT8000-TW7 Iss 10](#) - Wrong Direction Movements
- [RIS-0733-CCS Iss 1.1](#) - Lineside Operational Signs
- [RIS-0734-CCS Iss 2.1](#) - Signing of Permissible Speeds
- [RIS-0735-CCS Iss 1.1](#) - Signing of Temporary and Emergency Speed Restrictions
- [RS521 Iss 7](#) - Signals, Handsignals, Indicators and Signs Handbook
- [Sign AB08 Iss 2](#) - ETCS stop marker.

### Use of the warning horn

- [GERT8000-OTM Iss 12](#) - Working of on-track machines (OTM)
- [GERT8000-SS2 Iss 7](#) - Shunting
- [GERT8000-TW1 Iss 20](#) - Preparation and movement of trains
- [GERT8000-TW5 Iss 13](#) - Preparation and movement of trains: Defective or isolated vehicles and on-train equipment

- [GERT8000-TW7 Iss 10 - Wrong-direction movements](#)
- [GERT8000-TW8 Iss 10 - Level crossings - drivers' instructions.](#)

## General updates

General improvements have also been made to ensure the Rule Book is completely up to date. Further details can be found in the [Rule Book briefing leaflet](#) and in the interactive Rule Book briefing slide deck.

## Rolling Stock

One Rolling Stock standard has been updated.

- [GMGN2694 Iss 1](#) – Rolling Stock Subsystems and Electromagnetic Compatibility with CCS Subsystems  
How to achieve electromagnetic compatibility between rolling stock and CCS subsystems. Guidance, ranges, and requirements are included.

## Control, Command and Signalling

Three Control, Command and Signalling standards have been updated.

- [RIS-0733-CCS Iss 1.1](#) – Lineside Operational Signs  
Updates to the appendices introduce new PSR and TSR signs AD06 and AF09.
- [RIS-0734-CCS Iss 2.1](#) – Signing of Permissible Speeds  
New requirements, rationale, and guidance for using acceleration indicators in with permissible speed indicators.
- [RIS-0735-CCS Iss 1.1](#) – Signing of Temporary and Emergency Speed Restrictions  
New requirements and guidance for using acceleration indicators with the termination of temporary speed restrictions.

## Infrastructure

There is one Infrastructure point release.

- [GCGN5612 Iss 2.1](#) – Rail Traffic Loading Requirements for the Design of Railway Structures  
This minor update corrected the equation in A.1.8.

## Traffic Operation and Management

Two new Traffic Operation and Management standards have been published.

- [RIS-3771-TOM Iss 1](#) – Operation of Route and Line Proving Trains  
Requirements and guidance for establishing a process for collaborative decision-making on the operation of route- and line-proving trains.
- [TN3300 Iss 1](#) – Clarification on drugs and Alcohol testing for safety-critical workers  
This technical note sets out the rationale for the requirement and the importance of undertaking drug and alcohol tests.

## Non-RSSB Standards

In September, three Non-RSSB standards were published on the website.

The revised Codes of Practice are:

- [COP0034 Iss 2](#) – Code of Practice for Piling using OTP
- [COP0035 Iss 3](#) – Code of Practice for Plant Modules on Rail Wagons and Trailers
- [COP0046 Iss 2](#) – Code of Practice for the Storage and Recommissioning of OTP