

National technical rules for vehicles

Related control command and signalling requirements

Control, Command and Signalling TSI (Commission Regulation (EU) 2016/919 of 27 May 2016)

Amended by Commission Implementing Regulation (EU) 2019/776 to align with the Fourth Railway Package Technical Pillar

RGS	Title	Issue No.	Issue date	In force date	Application conditions	A) For technical compatibility with legacy subsystems: <i>National requirements in addition to the TSI requirements</i>	B) Addressing TSI open points: <i>National requirements where there are no TSI requirements</i>	C) Addressing TSI specific cases: <i>National requirements which are alternatives to the TSI requirements</i>	Changes relating to September 2019 notification
BR1654	Radio Electronic Token Block System	2	Dec-86	Dec-86	Part 2	Parts 3 to 13 relevant for Class B CCS system	None	None	None
GERT8018	Mechanical Trainstop System Interface	2	Sep-12	Dec-12	Part 5	3.2.1 3.2.2	None	None	None
GERT8075	AWS and TPWS Interface Requirements	3	Mar-18	Mar-18	Part 4	Part 3 relevant for Class B CCS system [Note: Part 2 is a notified infrastructure rule]	None	None	None
GERT8402	ERTMS/ETCS DMI National Requirements	2	Jun-16	Sep-16	Part 4	None	None	Part 2 for display of train speed information in miles per hour Part 3 for use of alphanumeric keyboard to enter train running number addressing CCS TSI specific case 7.6.2.2 for 4.2.12 (ETCS Driver-Machine Interface: addressing display of train speed in miles per hour and alphanumeric keyboard)	None
GKRT0055	Block System Interface Requirements	1	Sep-13	Dec-13	Part 3	2.4.2.1 [Note: other relevant requirements in Part 2 are notified infrastructure rules]	None	None	None

Notes:

1) If a requirement is not notified for A), B) or C) then it does not meet the characteristics of an NTR.

2) Changes since the last notification are highlighted in yellow. No standards have been withdrawn since the last notification update.

National technical rules for vehicles

Related rolling stock and plant requirements

Locomotive and Passenger Rolling Stock TSI (Commission Regulation (EU) No 1302/2014 of 18 November 2014)

Rolling Stock (Freight Wagon) TSI (Commission Regulation (EU) 321/2013 of 13 March 2013)

Amended by Commission Implementing Regulation (EU) 2019/776 to align with the Fourth Railway Package Technical Pillar

Noise TSI (Commission Regulation (EU) 1304/2014)

Amended by Commission Implementing Regulation (EU) 2019/774

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GERT8006	Assessment of Compatibility of Rail Vehicle Weights and Underline Bridges	2	Sep-10	Dec-10	Part 5	Part 3 and Appendix A	None for LOC&PAS and WAG TSIs [Note: Part 2 and Appendix A for INF TSI open point: 4.2.1 and Appendix E/F (TSI categories of line)].	None for LOC&PAS and WAG TSIs Note: Part 2 and Appendix A for INF TSI specific case: 4.2.7.4 and Appendix F (resistance of existing bridges and earthworks to traffic loads).	None
GERT8014	Axlebox Condition Monitoring - Hot Axlebox Detection	2	Jun-11	Sep-11	Part 4	None	2.3 for on-board detection addressing WAG TSI open point: 4.2.3.4 (axle bearing condition monitoring).	None	None
GERT8073	Requirements for the Application of Standard Vehicle Gauges	3	Dec-15	Mar-16	Part 5	None	None	Part 3 and Appendices A to N addressing LOC&PAS TSI specific case 7.3.2.2 for 4.2.3.1 (gauging). [Note: All requirements and Appendices A to N are notified infrastructure rules to address INF TSI specific cases: 7.7.17.1 for 4.2.1 (categories of line: gauge) 7.7.17.2 for 4.2.3.1 (structure gauge) 7.7.17.3 for 4.2.3.2 (distance between track centres) 7.7.17.7 for 4.2.9.3 (platform offset) 7.7.17.9 for 6.2.4.1 (assessment of structure gauge) 7.7.17.10 for 6.2.4.2 (assessment of distance for track centres) 7.7.17.11 for 6.2.4.11 (assessment of platform offset)]	None

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GMRT2045	Braking Principles for Rail Vehicles	4	Mar-16	Jun-16	Part 4	<p>Part 2 (except where indicated, all requirements in Part 2 (including 2.3.3.10 which is relevant for service braking as well as emergency braking) are NTRs and apply to all rolling stock</p> <p>2.2.2.1 2.2.3.1 2.3.2.4 2.12.6 only apply to modifications where the vehicles are deemed not to be new, renewed and upgraded as defined in RIR 2011.</p> <p>The LOC&PAS TSI is silent on the provision of the holding brake command (set out in 2.2.4.1).</p> <p>Appendix A, Figures 1 - 4 and Appendices B - E support specific requirements</p> <p>Appendices F - K are provided for guidance</p>	None	<p>2.2.1.1 addressing LOC&PAS TSI specific case 7.3.2.19. for 4.2.9.1.6 (Driver's desk - Ergonomics: covers GB direction of movement of the power/brake controller).</p> <p>2.3.3.10 addressing LOC&PAS TSI 7.3.2.7 for 4.2.4.5.2 (Emergency braking (performance): note permits GB not to comply with point (9) of clause 4.2.4.5.2).</p>	None
GMRT2100	Requirements for Rail Vehicle Structures	5	Jun-12	Sep-12	Part 10	<p>3.3.3 5.3 5.4 5.5 7.3 8.1.6 8.3</p>	<p>6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 addressing the LOC&PAS TSI 'hidden' open point 7.5.2.1 (for 4.2.2.5 Interior passive safety).</p>	<p>7.2 addressing LOC&PAS TSI specific case 7.3.2.8 for 4.2.6.2 (Aerodynamic effects).</p> <p>8.1.2.c) addressing LOC&PAS TSI specific case 7.3.2.1 for 4.2.2.2.5 (Staff access for coupling and end couplings).</p>	None

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GMRT2111	Rolling Stock Subsystem and Interfaces to AC Energy Subsystem	1	Dec-14	Jun-17	Part 5	Part 2 Part 3 Part 4	None	<p>2.4.2 addressing LOC&PAS TSI specific case 7.3.2.24 for 4.2.11.6 (Special requirements for stabling of trains)</p> <p>3.2 3.5 addressing LOC&PAS TSI specific case 7.3.2.11 for 4.2.8.2.2 (Operation within range of voltages and frequencies).</p> <p>4.2 addressing LOC&PAS TSI specific case 7.3.2.14 for 4.2.8.2.9.2 (Pantograph) and 7.3.2.24 for 4.2.11.6 (Shore supply).</p> <p>4.5 addressing LOC&PAS TSI specific case 7.3.2.13 for 4.2.8.2.9.1.1 (Height of the interaction with contact wires).</p>	None
GMRT2113	Rolling Stock Subsystem and Interfaces to DC Conductor Rail Energy Subsystem	1	Sep-15	Jun-17	Part 5	Part 2 Part 3 Part 4	None	<p>3.1 addressing LOC&PAS TSI specific case 7.3.2.10 (for 4.2.8.2 power supply).</p> <p>3.3 addressing LOC&PAS TSI specific case 7.3.2.11 (for 4.2.8.2.2 operation within range of voltages and frequencies).</p>	None
GMRT2130	Vehicle Fire, Safety and Evacuation	4	Dec-13	Mar-14	Part 8	<p>2.2 3.1 5.1 5.2</p> <p>Recommended approach to fire testing requirements for vehicles GMRT2130</p>	None	None	None
GMRT2131	Audibility and Visibility of Trains	1	Dec-15	Mar-16	Part 4	<p>3.1.2 (specifies the method set out in EN 15153-1:2013, clause 5.3.4, table 3).</p> <p>3.2.1 3.3 3.4 3.5 3.8 3.10</p>	None	<p>2.2 addressing LOC&PAS TSI specific case 7.3.2.9 for 4.2.7.2.2 (warning horn sound pressure levels).</p>	None

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GMRT2132	On-board Energy Metering for Billing Purposes	1	Sep-10	Dec-10	Part 4	None	<p>2.5 for data transfer on-board to ground</p> <p>2.6 for communication service - on-board to ground</p> <p>addressing LOC&PAS TSI open point 4.2.8.2.8 and Appendix D - part 5 (on-board energy measurement system).</p> <p>Commission Implementing Regulation (EU) 2018/868 of 13 June 2018 closed the open point on energy metering. By 1 January 2022, Member States shall ensure that an on-ground energy data collecting system capable of exchanging compiled energy billing data in accordance with point 4.2.17 of this TSI is implemented. Hence these NTRs remain open until that time.</p>	None	None
GMRT2141	Permissible Track Forces and Resistance to Derailment and Roll-Over of Railway Vehicles	4	Jun-19	Sep-19	Part 4	<p>2.1</p> <p>2.2</p> <p>2.4</p> <p>3.3</p> <p>3.5</p> <p>3.6 and Appendix D</p>	None	<p>2.3 and Appendix H</p> <p>3.4 and Appendix A</p> <p>addressing LOC&PAS TSI specific case 7.3.2.5 for 4.2.3.4.2 and WAG TSI specific case 7.3.2.4 for 4.2.3.5.2 (running dynamic behaviour)</p>	<p>Notification has been changed in line with issue four of GMRT2141.</p> <p>GMRT2141 has been revised to align with amendments to the LOC&PAS and the WAG TSIs published in the Commission Implementing Regulation (EU) 2019/776, resulting in only two requirements being applicable to the specific case for running dynamic behaviour. The other requirements are for technical compatibility for wheel load, running dynamic behaviour and safety against derailment on twisted track.</p> <p>Issue four incorporates relevant requirements from permissible track forces standards GMIT0088 and GMRC2513 (both standards have been withdrawn).</p>

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GMRT2142	Resistance of Railway Vehicles to Roll-Over in Gales	4.1	Jun-19	Jun-19	Part 3	2.1 2.2	None	None	There is no change to what was previously notified - GMRT2142 issue four has been superseded by issue 4.1 which clarifies the design speed requirements for cross wind.
GMRT2160	Environment Inside Railway Vehicles (Audibility of detonators)	4	Dec-10	Mar-11	Part 3	2.1	None	None	None
GMRT2161	Requirements for Driving Cabs of Railway Vehicles	1	Aug-95	Oct-95	Parts A and B	None	None	6.1.1 addressing LOC&PAS TSI specific case 7.3.2.18 for 4.2.9.1.3 (front visibility).	None
GMRT2173	Requirements for the Size of Vehicles and Position of Equipment	2	Jun-18	Sept-18	Part 5	3.2 and Appendix A for technical compatibility with legacy platforms that have a track radii greater than 160m and less than 300m. [Note: 3.2 and Appendix A are also notified to address the PRM TSI specific case].	None	3.3 3.4 and Appendix E 3.5 and Appendix B 3.6 and Appendix C addressing LOC&PAS TSI specific case 7.3.2.2 (for 4.2.3.1 (gauging)) 3.2 and Appendix A addressing the PRM TSI specific case 7.3.2.6 (table 25) for 4.2.2.11 (step position for vehicle access and egress) - the TSI gives a choice of using the NTR or the TSI requirement. The PRM TSI applies for track radii from straight track down to 300m. [Note: 3.2 and Appendix A are also notified for technical compatibility]. All requirements addressing LOC&PAS TSI specific case 7.3.2.27 and WAG TSI specific case 7.3.2.7 (rules to manage changes in both rolling stock and rolling stock type).	There is a change to the notification to take account of the new specific case published in the Commission Implementing Regulation (EU) 2019/776 for the LOC&PAS TSI (7.3.2.27) and the WAG TSI (7.3.2.7). The specific case relates to the rules to manage changes to a vehicle swept envelope (for example using the process defined in RIS-2773-RST). Generally, these changes will be categorised as a 'version' of type and therefore may not require reauthorisation which may be required for a 'variant' of type.
GMRT2185	Train Safety Systems	2	Dec-01	Feb-02	Parts A and B	B5.1 B5.2 B5.3	None	None	None

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GMRT2400	Engineering Design of On-track Machines in Running Mode	6	Sep-18	Dec-18	Part 5	<p>Part 2 general requirement for BS EN 14033-1:2017 to be applied in GB</p> <p>Part 3 specifies where 14033-1:2017 is amended (additional requirements, variations or guidance).</p> <p>GMRT2400 must be used in conjunction with the EN 14033-1:2017</p> <p>Clause 7.1.1.3 of the LOC&PAS TSI permits NTRs for OTMs, as an alternative solution.</p>	None	None	None
GMRT2461	Sanding Equipment	2	Dec-18	Mar-19	Part 3	<p>2.4 for alternative solution to CCS TSI, Annex A, Index 77 clause 3.1.4.1 as permitted by the Application Guide to the LOC&PAS TSI.</p>	<p>2.1 2.2 and Appendix D 2.3 and Appendix E addressing CCS TSI open point 3.1.4.2 for the type of sand (Index 77) (ERA/ERTMS/033281) INTERFACES BETWEEN CONTROL-COMMAND AND SIGNALLING TRACKSIDE AND OTHER SUBSYSTEMS.</p>	None	None
GMRT2466	Railway Wheelsets	4	Dec-17	Mar-18	Part 4	None	None	<p>2.1.1 2.1.2 3.1.1 3.2.1 3.2.2 3.2.3 3.3.1 addressing WAG TSI specific case 7.3.2.5 for 4.2.3.6.2 (characteristics of wheelsets) and the LOC&PAS TSI specific case 7.3.2.6 for 4.2.3.6.3 (characteristics of wheels) for wheelsets in scope of TSIs but restricted to national use.</p> <p>2.1.3 supported by guidance (relating to cast wheels) addressing WAG TSI specific case 7.3.2.5 and LOC&PAS TSI 6.1.3.1 and WAG TSI 6.1.2.3 b) for other types of wheels.</p> <p>[Note: 3.4.1 addressing INF TSI 7.7.17.4 for 4.2.5.3 (Maximum unguided length of fixed obtuse crossings)].</p>	None
GMRT2472	Requirements for Data Recorders on Trains	2	Jun-14	Dec-15	Parts A and B	<p>Part 2 Part 3</p>	None	None	None

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GMRT2477	Compatibility Requirements for Track Circuit Assistants (TCAs) on Rail Vehicles	3	Jun-18	Sep-18	Part 4	Part 2 Part 3	None	None	None
GMRT2491	Design Requirements for a Driver's Reminder Appliance (DRA)	2	Oct-09	Dec-09	Parts 1 and 2	3.1 4.1 4.2 4.3 4.4 4.5	None	None	None
GOOTS303	Secondary Door Locking - Operational Requirements	1	Jan-93	Jan-93	Part B2	3 4 5 6 7	None	None	None

Notes:

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3) Withdrawn standard:

GMRT0088 Permissible Track Forces, issue one - withdrawn in June 2019, superseded by GMRT2141 Permissible Track Forces and Resistance to Derailment and Roll-Over of Railway Vehicles, issue four that came into force in September 2019.

National technical rules for infrastructure

Related control command and signalling requirements

Control, Command and Signalling TSI (Commission Regulation (EU) 2016/919 of 27 May 2016)

Amended by Commission Implementing Regulation (EU) 2019/776 to align with the Fourth Railway Package Technical Pillar

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BR1654	Radio Electronic Token Block System	2	Dec-86	Dec-86	Part 2	Parts 3 to 13 (relevant for Class B CCS system)	None	None	None
GERT8018	Mechanical Trainstop System Interface Requirements	2	Sep-12	Dec-12	Part 5	2.2.1 2.2.2 2.6.6 2.6.7 2.6.8 [Note: requirements in Part 3 are notified vehicles rules].	None	None	None
GERT8075	AWS and TPWS Interface Requirements	3	Mar-18	Mar-18	Part 4	Part 2 relevant for Class B CCS System [Note: requirements in Part 3 are notified vehicle rules].	None	None	None
GIRT7033	Lineside Signs	3	Jun-15	Mar-16	Part 3	2.2.2 2.2.3 2.3.1 2.3.2	None	None	None
GKRT0028	Infrastructure Based Train Detection Interface Requirements	3	Sep-16	Dec-16	Part 4	All requirements	None	None	None
GKRT0055	Block System Interface Requirements	1	Sep-13	Dec-13	Part 3	2.1 2.2 2.3 2.4.1 2.4.3 2.4.4 2.4.5 2.4.6 2.4.7 2.4.8 [Note: 2.4.2.1 is a notified vehicle rule].	None	None	None

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GKRT0057	Lineside Signal and Indicator Product Design and Assessment Requirements	1	Dec-14	Mar-15	Part 5	All requirements	None	None	None
GKRT0075	Requirements for Minimum Signalling Braking and Deceleration Distances	5	Dec-18	Mar-19	Part 4	All requirements and appendices	None	None	GKRT0075 issue five retains the requirements relevant to lineside signalling braking and deceleration distances. Requirements relevant to positioning and timing of AWS have been transferred to GERT8075. Other requirements are retained in related Rail Industry Standards.

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National technical rules for infrastructure

Related energy requirements

Energy TSI (Commission Regulation (EU) No 1301/2014 of 18 November 2014

Amended by Commission Implementing Regulation (EU) 2019/776 to align with the Fourth Railway Package Technical Pillar

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GLRT1210	AC Energy Subsystem and Interfaces to Rolling Stock Subsystem	1	Dec-14	Mar-15	Part 4	<p>Part 2</p> <p>Part 3</p>	<p>3.1.5 addressing ENE TSI open point: 4.2.9.1 (contact wire height at level crossings).</p> <p>3.2.1 addressing ENE TSI open point 4.1 (overhead contact line systems) and EN 50122 clause 4 (contact line zone and current collector zone).</p>	<p>3.1.1</p> <p>3.1.2</p> <p>3.1.3</p> <p>3.1.4</p> <p>3.1.6 addressing ENE TSI specific case: 7.4.2.9.2 for 4.2.9.1 (contact wire height).</p> <p>3.1.6 addressing ENE TSI specific case: 7.4.2.9.3 for 4.2.9.2, 4.2.10 (maximum lateral deviation and pantograph gauge).</p> <p>2.2.2.2 addressing ENE TSI specific case: 7.4.2.9.4 for 4.2.18 (protective provisions against electric shock).</p> <p>3.9 addressing ENE TSI specific case: 7.4.2.9.5 (conformity assessment of OCL as component).</p>	<p>None</p> <p>Note: A clarification was published in August 2019 against 2.2.2.1 - notification remains unchanged.</p> <p>refer to the Standards Catalogue for details.</p>
GLRT1212	DC Conductor Rail Energy Subsystem and Interfaces to Rolling Stock Subsystem	One	Sep-15	Dec-15	Part 4	None	None	<p>All requirements addressing ENE TSI specific case: 7.4.2.9.1 (for 4.2.3 voltage and frequency).</p>	None

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GMRT2132	On-board Energy Metering for Billing Purposes	1	Sep-10	Dec-10	Part 4	<p>2.7 for on-ground energy data collecting system.</p>	<p>None for ENE TSI</p> <p>[Note: 2.5 for data transfer on-board to ground 2.6 for communication service - on-board to ground addressing LOC&PAS TSI open point 4.2.8.2.8 and Appendix D - part 5 (on-board energy measurement system). Commission Implementing Regulation (EU) 2018/868 of 13 June 2018 closed the open point on energy metering. By 1 January 2022, Member States shall ensure that an on-ground energy data collecting system capable of exchanging compiled energy billing data in accordance with point 4.2.17 of this TSI is implemented. Hence these NTRs remain open until that time].</p>	None	None

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GMRT2173	Requirements for the Size of Vehicles and Position of Equipment	2	June 18	Sept 18	Part 5	<p>None</p> <p>Note: 3.2 and Appendix A are notified vehicle rules for technical compatibility with legacy platforms that have a radii greater than 160m and less than 300m. Other NTRs in Part 3 are notified vehicle rules.</p> <p>3.2 and Appendix A are also notified to address the PRM TSI specific case.</p>	None	<p>3.4 and Appendix E addressing ENE TSI specific case 7.4.2.9.3 (for 4.2.9.2 maximum lateral deviation and 4.2.10 Pantograph gauge).</p> <p>GMRT2173 sets out the pantograph sway of UK rolling stock in clause 3.4 and Appendix E.</p> <p>Note the following vehicle rules notified for specific cases:</p> <p>2.2 2.3 notified for the purposes of the specific case in the LOC&PAS TSI 7.3.2.27 and WAG TSI specific case 7.3.2.7 (rules to manage changes in both rolling stock and rolling stock type).</p> <p>3.3 3.4.3 and Appendix E 3.5 and Appendix B 3.6 and Appendix C are notified to address the LOC&PAS TSI specific case 7.3.2.2 (for 4.2.3.1 (gauging)).</p> <p>3.2 and Appendix A have been notified to address the PRM TSI specific case 7.3.2.6 (table 25) for 4.2.2.11 (step position for vehicle access and egress) for radii over 300m where the TSI gives a choice of using the NTR or the PRM TSI. The PRM TSI applies for track radii from straight track down to 300m.</p> <p>3.2 and Appendix A are also notified for technical compatibility with legacy platforms that have a track radii greater than 160m and less than 300m.</p>	None

Notes:

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National technical rules for infrastructure

Related infrastructure requirements

Infrastructure TSI (Commission Regulation (EU) No 1299/2014 of 18 November 2014 (The combined INF TSI includes in Appendix Q a list of the notified National Technical Rules for the UK-GB Specific Cases)

Amended by Commission Implementing Regulation (EU) 2019/776 to align with the Fourth Railway Package Technical Pillar

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GCRT5021	Track System Requirements	5	Dec-11	Mar-12	Part 5	2.4.1.2 - 2.4.2.1 2.5.1.2 - 2.5.2.1 2.5.3.1 - 2.5.5.1 2.5.7.1 - 2.5.10.2 2.5.12.1 - 2.5.13.1 2.5.14.1 - 2.5.14.3 2.5.15.1 - 2.5.15.3 2.6.4.1 - 2.6.4.2 2.6.5.1 - 2.6.5.2 2.6.6.1 - 2.6.6.2 2.6.7.1 - 2.6.8.1 2.6.9.1 - 2.6.9.2 2.7.3.1 - 2.7.7.1 2.10.1 - 2.10.2 2.11.2.1 - 2.11.3.1 2.11.3.3 2.11.4.1 - 2.11.8.2 3.1.1 3.2.1.1 3.2.3.1 3.2.6.1 - 3.2.8.1 3.2.9.2 3.2.10.1 3.2.11.1 - 3.2.11.2 4.7.1.1 - 4.7.1.4	None	4.7 addressing INF TSI specific case 7.7.17.4 for 4.2.5.3 and Appendix J (maximum unguided length of fixed obtuse crossings).	None

RGS	Title	Issue No.	Issue Date	In force date	Application conditions	A) For technical compatibility with legacy subsystems: <i>National requirements in addition to the TSI requirements</i>	B) Addressing TSI open points: <i>National requirements where there are no TSI requirements</i>	C) Addressing TSI specific cases: <i>National requirements which are alternatives to the TSI requirements</i>	Changes relating to September 2019 notification
GERT8006	Assessment of Compatibility of Rail Vehicle Weights and Underline Bridges	2	Sep-10	Dec-10	Part 5	None [Note: Part 3 and Appendix A are notified vehicle rules].	Part 2 and Appendix A addressing INF TSI open point: 4.2.1 and Appendix E/F (TSI categories of line).	Part 2 and Appendix A addressing INF TSI specific case 4.2.7.4 and Appendix F (resistance of existing bridges and earthworks to traffic loads).	None
GERT8014	Axlebox Condition Monitoring - Hot Axlebox Detection	2	Jun-11	Sep-11	Part 4	None	None	3.1 3.2 addressing LOC&PAS TSI specific case 7.3.2.3 for axle bearing condition monitoring.	None
GERT8073	Requirements for the Application of Standard Vehicle Gauges	3	Dec-15	Mar-16	Part 5	None for infrastructure. [Note: Part 3 is a notified vehicle rule].	None	All requirements and Appendices A to N addressing the following specific cases: 7.7.17.1 for 4.2.1 (categories of line: gauge) 7.7.17.2 for 4.2.3.1 (structure gauge) 7.7.17.3 for 4.2.3.2 (distance between track centres) 7.7.17.7 for 4.2.9.3 (platform offset) 7.7.17.9 for 6.2.4.1 (assessment of structure gauge) 7.7.17.10 for 6.2.4.2 (assessment of distance for track centres) 7.7.17.11 for 6.2.4.11 (assessment of platform offset) [Note: the relevant specific case for vehicles is the LOC&PAS TSI specific case 7.3.2.2 for 4.2.3.1 (gauging)].	None
GIRT7020	GB Requirements for Platform Height, Platform Offset and Platform Width	1.1	Jun-19	Jun-19	Part 3	2.3	None	2.1 addressing INF TSI specific cases: 7.7.17.1 for 4.2.1 (categories of line: gauge) 7.7.17.2 for 4.2.3.1 (structure gauge) 7.7.17.6 for 4.2.9.2 (platform height) 7.7.17.9 for 6.2.4.1 (assessment of structure gauge) 2.2 addressing INF TSI specific cases: 7.7.17.1 for 4.2.1 (categories of line: gauge) 7.7.17.2 for 4.2.3.1 (structure gauge) 7.7.17.7 for 4.2.9.3 (platform offset) 7.7.17.9 for 6.2.4.1 (assessment of structure gauge) 7.7.17.11 for 6.2.4.11 (assessment of platform offset)	There is no change to what was previously notified - GIRT7020 issue one has been superseded by issue 1.1 which clarifies requirement 2.1.3 in relation to clearances.
GIRT7073	Requirements for the Position of Infrastructure and for Defining and Maintaining Clearances	2	Jun-18	Sep-18	Part 4	None	None	All requirements and Appendices A and B addressing the following INF TSI specific cases: 7.7.17.1 for 4.2.1 (categories of line: gauge) 7.7.17.2 for 4.2.3.1 (structure gauge) 7.7.17.3 for 4.2.3.2 (distance between track centres) 7.7.17.7 for 4.2.9.3 (platform offset) 7.7.17.9 for 6.2.4.1 (assessment of structure gauge) 7.7.17.10 for 6.2.4.2 (assessment of distance for track centres) 7.7.17.11 for 6.2.4.11 (assessment of platform offset)	None

RGS	Title	Issue No.	Issue Date	In force date	Application conditions	A) For technical compatibility with legacy subsystems: <i>National requirements in addition to the TSI requirements</i>	B) Addressing TSI open points: <i>National requirements where there are no TSI requirements</i>	C) Addressing TSI specific cases: <i>National requirements which are alternatives to the TSI requirements</i>	Changes relating to September 2019 notification
GMRT2466	Railway Wheelsets	4	Dec-17	Mar-18	Part 4	None	None	<p>3.4.1 addressing INF TSI 7.7.17.4 for 4.2.5.3 (Maximum unguided length of fixed obtuse crossings).</p> <p>[Note: 2.1.1 2.1.2 3.1.1 3.2.1 3.2.2 3.2.3 3.3.1 addressing WAG TSI specific case 7.3.2.5 for 4.2.3.6.2 (characteristics of wheelsets) and the LOC&PAS TSI specific case 7.3.2.6 for 4.2.3.6.3 (characteristics of wheels) for wheelsets in scope of TSIs but restricted to national use.</p> <p>2.1.3 supported by guidance (relating to cast wheels) addressing WAG TSI specific case 7.3.2.5 and LOC&PAS TSI 6.1.3.1 and WAG TSI 6.1.2.3 b) for other types of wheels.</p>	None

Notes:

1) If a requirement is not notified for A), B) or C) then it does not meet the characteristics of an NTR.

2) Changes are highlighted in yellow. No standards have been withdrawn in entirety since the last notification update.