



9 June 2017

(17-3089)

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Committee on Technical Barriers to Trade

Original: English

NOTIFICATION

The following notification is being circulated in accordance with Article 10.6

1. Notifying Member: <u>REPUBLIC OF KOREA</u> If applicable, name of local government involved (Article 3.2 and 7.2):
2. Agency responsible: Ministry of Land, Infrastructure and Transport (MOLIT) Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above: Railway Traffic Safety Policy Division, Ministry of Land, Infrastructure and Transport (MOLIT) #11, Doum-ro 6, Sejong Special Self-governing City, 339-012, Republic of Korea Tel +82-44-201-4608 Fax +82-44-201-5671 email: acelkj@korea.kr
3. Notified under Article 2.9.2 [], 2.10.1 [], 5.6.2 [X], 5.7.1 [], other:
4. Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable): Railway vehicles to be operated In Korea
5. Title, number of pages and language(s) of the notified document: Technical Specifications for Manufacturer Approval of "Additional enactment and amendment of the technical regulations of the railway vehicles" (26 page(s), in Korean)
6. Description of content: [Background and progress on the technical regulations of the railway vehicles] <ul style="list-style-type: none">• Manufacturer (or his representative) shall get type approval from the Ministry of Land, Infrastructure and Transport (MOLIT) for the newly-designed railway vehicles or significantly modified vehicles. Also, manufacturer approval and produced vehicle inspection certificate are necessary for the operation in Korea (Railway Safety ACT, Article 26, 26-3, and 26-6).• The MOLIT has enacted the technical regulations for type approval, manufacturer approval, and completion inspection of the rolling stocks;<ul style="list-style-type: none">- high speed rail (electric locomotives and coaches type), conventional rail, and urban rail (EMU operated in DC power only) in 2014.- quality management system for mass production of rolling stocks approved by MOLIT in 2014.- high speed rail (EMU type), conventional rail (passenger coach and freight wagon), urban rail (EMU operated in AC or AC/DC power), and light rail (tram) in 2016. <p>* EMU: electric multiple unit, *.DC: direct current, *.AC: alternative current.</p>

<p>[Additional enactment and amendment on the technical regulations]</p> <ul style="list-style-type: none"> The MOLIT plans to enact additionally the technical regulations for rolling stocks of conventional rail (electric or diesel locomotive, EMU, and DMU type) and light rail (including tram), and to amend the quality management system for manufacturer approval of rolling stocks. <ul style="list-style-type: none"> * DMU: diesel multiple unit, * LIM: linear induction motor. The additional technical regulations will contain the essential requirements and the rolling stock subsystem requirements equivalent to the existing technical regulations enacted in 2014 and 2016, which will be available for type examination, and inspection for series manufactured vehicles. <ul style="list-style-type: none"> - The essential requirements in the technical regulations provide safety requirements (rolling stock gauge, running safety, collision safety, fire safety, electrical safety, risk analysis, and software in rolling stocks), performances, interfaces with infrastructure, operation and maintenance, and operational limits (reliability and availability, health, acoustic noise, rescue operation, and aerodynamic characteristics). - The rolling stock subsystem requirements prescribe on the design and structural requirements for car body and interior devices, bogie, brake, propulsion, auxiliary power unit, on-board signaling, train control and monitoring device, as well as coupling device. - Also, testing procedures for components, parts, assembled vehicles, and running test are provided. The software management requirements, used in the rolling stocks, are added newly in the quality management system for manufacturer approval prescribed in 2014. The definitions of product verification and factory inspection are also amended according to the Railway Safety ACT and its decrees. 	
7.	Objective and rationale, including the nature of urgent problems where applicable: Enhancement of railway safety
8.	Relevant documents: MOLIT Notice No. 2017-899 (June 2 nd , 2017)
9.	Proposed date of adoption: 10 August 2017 Proposed date of entry into force: 10 August 2017
10.	Final date for comments: 60 days from notification
11.	Texts available from: National enquiry point [X] or address, telephone and fax numbers and email and website addresses, if available, of other body: Technical Barriers to Trade (TBT) Division Korean Agency for Technology and Standards (KATS) 93, Isu-ro, Maengdong-myeon, Eumseong-gun, Chungcheongbuk-do, Republic of Korea, 27737 Tel.: (+82) 43 870 5525 Fax: (+82) 43 870 5682 E-mail: tbt@korea.kr Website: http://www.knowtbt.kr https://members.wto.org/crnattachments/2017/TBT/KOR/17_2646_00_x.pdf