



FAQ

Rail vehicle applications – Regulation (EU) 2016/1628 on requirements relating to gaseous and pollutant emission limits and type-approval for internal combustion engines for non-road mobile machinery

Why this FAQ?

This FAQ aims to support a clear and consistent understanding and application of Regulation (EU) 2016/1628 (hereafter referred to as ‘the regulation’), as amended by Regulations (EU) 2020/1040, (EU) 2021/1068, and (EU) 2022/992, as well as the relevant supplementing legislation:

- a) Commission Delegated Regulation (EU) 2017/654
- b) Commission Delegated Regulation (EU) 2017/655
- c) Commission Implementing Regulation (EU) 2017/656 amended by Commission Implementing Regulation (EU) 2018/988) laying down the administrative requirements relating to emission limits and type-approval of internal combustion engines for non-road mobile machinery.

The regulation:

- Lays down emission limits and type-approval procedures for engines installed or intended to be installed in non-road mobile machinery (NRMM), including railway vehicles
- Also applies to railway vehicles in which such engines are installed
- Entered into force on 6 October 2016 and has been applicable since 1 January 2017
- Applies in the European Union, including its outermost regions, the European Economic Area (EEA) and Switzerland
- Also serves as the basis for national requirements in the United Kingdom and Turkey

About this FAQ document

This FAQ:

- Reflects a shared understanding from CER, EUROMOT, UIC, and UNIFE, which was developed through joint work and dialogue
- Represents a tangible outcome of structured interaction between UIC and railway sector stakeholders, aiming to ensure a coherent and practical interpretation of the regulatory framework

- Is intended to answer key questions likely to be raised by users of the Regulation, with a particular focus on:
 - railway vehicle manufacturers (Original Equipment Manufacturers (OEMs))
 - importers
 - distributors
- Focuses on the provisions relevant to rail vehicle applications
- Does not, as such, cover engine type-approval

The questions included in this FAQ cover the following issues:

- Engine categories
- Type-approval and application dates
- Transition schemes
- Emission limits
- Obligations for OEMs, importers, and distributors
- Marking and statement of conformity requirements
- Separate shipment
- Components and systems not provided by the engine manufacturer
- Replacement engine provision
- In-service monitoring
- Constant speed engines
- Second-hand railway vehicles
- Market fuels
- Acceptance of equivalent engine type-approvals
- The impact of the UK's withdrawal from the EU (Brexit)

