



Interoperability assessment

– NoBo / DeBo service

VUZ is the Authorized Body No. AO 258 and the Notified Body No. 1714 assessing the structural subsystems Infrastructure, Energy, Rolling Stock and Trainside and On-board Control-Command Systems, including the relevant interoperability constituents within the EU railway network. The key document for our assessments is the Directive (EU) 2016/797 of the European Parliament and of the Council on the interoperability of the rail system within the European Union. Product requirements are defined by the technical specifications for interoperability issued by the European Commission. Moreover, technical standards, UIC regulations and ERA technical documents apply.

Interoperability assessments are performed by our highly qualified railway environment and product assessment experts. We hereby declare independence and impartiality of our assessment activities.

The assessment procedures are governed by modules defined by the Commission Decision 2010/713/EU on modules for the procedures for assessment of conformity, suitability for use and EC verification to be used in the technical specifications for interoperability adopted under Directive 2008/57/ES of the European Parliament and of the Council.

INFRASTRUCTURE:

We perform assessment of railway system interoperability of all infrastructure subsystems both in the phase of an overall design and the phase of realization and final testing.

ROLLING STOCK:

The rolling stock assessment and certification service covers evaluation of railway vehicle strength, running characteristics, anti-derailment safety, braking characteristics, passenger conditions, vehicle equipment and noise emission while the vehicle is standing, accelerating and running. We issue EC Type Examination Certificates. At the same time, we assess key listed rolling stock parts (interoperability constituents), to which we issue separate EC Type Examination Certificates after they fulfil the requirements.

ROLLING STOCK REFERENCES:

› Škoda Transportation › CZ LOKO › TATRAVAGÓNKA › GREENBRIER Europe
› PESA › MSV METAL Studénka › NEWAG › ŽOS VRÚTKY › ŽOS TRNAVA
› SIEMENS › OPERAIL › SCHUNK CARBON TECHNOLOGY
› SCHUNK TRANSIT SYSTEM › DAKO-CZ › ŠKODA VAGONKA › DPOV

Contact:

Výzkumný Ústav Železniční, a.s.
Novodvorská 1698/138b, 142 00 Praha 4
+420 241 493 135
www.cdvoz.cz



INFRASTRUCTURE REFERENCES:

› Skanska
› OHL ŽS
› TSS GRADE
› SWIETELSKY Rail CZ
› HOCHTIEF CZ
› Elektrizace železnic Praha
› AŽD Praha
› Metrostav
› Chládek & Tintěra
› Subterra
› EUROVIA CS
› SUDOP PRAHA
› SUDOP BRNO
› MORAVIA CONSULT Olomouc
› Signal Projekt
› Sagasta