



VÝZKUMNÝ  
ÚSTAV  
ŽELEZNIČNÍ, a. s.

# Railway vehicle testing

Tests of railway vehicles are performed in the VUZ accredited testing laboratory (TL), which ranks among the most advanced and sought-after laboratories in the field of railway vehicle testing, and at the same time prides of a long-time tradition reaching back to the 1950s.

The range of satisfied and loyal customers of our laboratory includes the world's leading rolling stock manufacturers such as Alstom, Siemens, Bombardier Transportation, Škoda Transportation, CRRC, PESA and others.

The testing engineers of our laboratory are respected experts in their field of work and are ready to carry out most of the offered tests not only in the VUZ Velim Test Centre, which provides optimal conditions for such testing, but also on external tracks.

The VUZ testing laboratory has been accredited since March 31, 1995, and today it is registered under No. 1462 as a holder of the certificate of accreditation issued by the Czech Accreditation Institute (CAI) on the basis of assessment of fulfilment of the accreditation criteria in accordance with ČSN EN ISO/IEC 17025.

Within its quality management system, the VUZ testing laboratory has been continuously developing and updating its testing procedures to keep them in line with the strict requirements of the international, European and national standards and interoperability standards.

## TECHNICAL EQUIPMENT:

- › State-of-the-art measurement technology
- › Special measuring cars
- › Noise track section complying with TSI NOISE parameters
- › Measuring flat curve R 150 m
- › Rail scale

## OTHER SERVICES:

- › Functional tests of rail vehicles
- › Expert opinions and assessments
- › We can organize tests on SŽ (Správa železnic, the Czech national railway infrastructure owner and provider) tracks

### Contact:

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## REFERENCES:

- › Siemens
- › Stadler
- › Škoda Transportation
- › Alstom
- › Bombardier Transportation
- › Hitachi
- › CAF
- › CRRC ZELC
- › CZ LOKO
- › DPOV
- › Greenbrier
- › Hyundai-Rotem & ŠKODA ELECTRIC
- › Končar
- › Pojazdy Szynowe PESA Bydgoszcz
- › Tatravagónka
- › ŽOS Vrútky
- › ŽOS Trnava