

Brake Tests

The brake tests include static and dynamic brake tests, determination of braking power, tests of WSP systems and verification of braking distances.

Portfolio of tests:

- › Complete range of static and running brake tests according to UIC 540, UIC 547, UIC 543, UIC 544-1, TSI LOC&PAS 4, TSI WAG 4..2.4, EN 17065, EN 16834 and EN 16185-2
- › Uncoupling running tests of passenger coaches and freight wagons
- › Type and homologation tests of braking system components
- › Tests of wheel slide protection systems according to UIC 541-05 and ČSN EN 15595
- › Pressure, braking force, temperature, braking distance, acceleration measurement

Technical equipment:

- › Dewesoft based modular measurement technology
- › Up to 66 channels can be measured simultaneously
- › It is possible to read CAN busbars
- › Measuring coach for uncoupling running tests of passenger coaches and freight wagons
- › Rail adhesion reduction technology



REFERENCES:

- › ŠKODA Transportation | locomotive ŠKODA 109E, non tractive unit NIM Express, EMU's 14Ev, 15Ev and 16Ev
- › SIEMENS | locomotive HLE18, non tractive unit InterJet for ČD
- › CRRC | electric units
- › ŽOS Vrútky | dieselmotor units, passenger coaches
- › CZ Loko | dieselelectric locomotives
- › CAF | electric units
- › ŽOS Trnava | passenger coaches and freight wagons
- › Tatragónka | freight wagons
- › Greenbrier | freight wagons
- › DPOV | passenger coaches for ČD
- › Stadler | passenger coach for ADY, diagnostic unit ADIF
- › DAKO-CZ | various brake equipment



VÝZKUMNÝ
ÚSTAV
ŽELEZNIČNÍ, a. s.



Výzkumný Ústav Železniční, a.s.
Novodvorská 1698/138b, 142 00 Praha 4
sales@cdvuz.cz
www.cdvuz.cz