



VÝZKUMNÝ
ÚSTAV
ŽELEZNIČNÍ, a. s.

Electromagnetic compatibility tests

In VUZ testing laboratory we measure electromagnetic compatibility with communication and security devices.

TEST PORTFOLIO:

- › Testing methods in accordance with ČSN EN 50121-3-1, ČSN CLC/TS 50238-2 and national standard ČSN 34 2613
- › Measurement of traction currents and magnetic fields emitted by the vehicle
- › Examination of disturbance of control-command systems
- › Wheel detector compatibility tests according to ERA/ERTMS/033281 and ČSN CLC/TS 50238-3

TECHNICAL EQUIPMENT:

- › Dewesoft and NI based modular measurement technology
- › Measuring car for central power supply source testing

REFERENCES:

- › Alstom
- › Škoda Transportation
- › Siemens
- › Bombardier Transportation
- › CZ Loko
- › Stadler

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