

Testing overview

- Running dynamic behaviour testing
- Passenger alarm testing
- Tests of exterior doors (access to and egress from rolling stock)
- Tests of emergency door opening
- Tests of driver's activity control function
- Tests of measures to detect/control fire
- Windscreen tests – mechanical characteristics
- Vehicle structure strength testing
- Passive safety testing
- Tests of safety against derailment running on twisted track
- Bogie frame testing
- Life guard (deflector) testing
- Testing of aerodynamic effects
- Testing of slipstream effects on passengers on platform and on workers trackside
- Head pressure pulse testing
- Running safety testing
- Testing of maximum pressure variations in tunnels
- Testing of protection against electrical hazards
- Testing of measures to prevent fire – material requirements
- Inter-unit doors testing

Assessment overview

- Assessment of safety aspects
- Assessment of braking safety requirements
- Assessment of dynamic brake – braking systems linked to traction system
- Assessment of braking systems independent of wheel-rail adhesion conditions
- Assessment of the carbody strength
- Assessment of the bogie frame strength
- Gauging assessment
- Running gear assessment