



STS Directory

Accreditation number: STS 0636

International standard: ISO/IEC 17025:2017

Swiss standard: SN EN ISO/IEC 17025:2018

SBB Swiss Federal Railways
Passenger Traffic
Testing Laboratory for Railway
Vehicles
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Initial accreditation:

24.02.2017

Current accreditation:

24.02.2017 to 23.02.2022

Scope of accreditation see:

www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 12.12.2025

Testing laboratory for railway vehicles (brake testing of railway vehicle, testing of brake systems and components and wheel slide protection systems of railway vehicles)

Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Testing of brake systems and components	Measurements and functional testing on the stationary vehicle	EN 16185-2 EN 15734-2 UIC 544-3 / IRS 50544-3 UIC 541-00 / IRS 50541-00 SBB method 20124253
Brake testing of railway vehicles	Dynamic measurement of stopping distance and thermal load of vehicles based on slip tests or by tests with a train configuration.	UIC 544-1 / IRS 50544-1 EN 16834 EN 16185-2 EN 15734-2 SBB method 20115772



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Group of products or materials, field of activity	Principle of measurement ²⁾ (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Testing of wheel slide protection systems of railway vehicles	Optimisation and homologation measurements	EN 15595 UIC 541-05 / IRS 50541-05 SBB method 20115773 Other applicable standards/leaflets for all testing areas: UIC 540 / IRS 50540, UIC 543 / IRS 50543, UIC 541-03, UIC 541-04 / IRS 50541-04, UIC 541-1, UIC 541-5, UIC 541-6, UIC 545, UIC 544-3, UIC 547 EN 14198, EN 14478, EN 15355, EN 15611, EN 15612, EN 15624, EN 15625, EN 15663, EN 16334 EN 15734-1, EN 17065, EN 13452-2, EN 16185-1 EN 14033-1, EN 14033-2 TSI WAG, TSI LOC&PAS

In case of contradictions in the language versions of the directories, the German version shall apply.

Abbreviation	Signification
EN	European Standard
LOC&PAS	Locomotives and passenger rolling stock
TSI	Technical Specifications for Interoperability
UIC	Union internationale des chemins de fer
WAG	Freight wagons

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