

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-11332-01-00 according to DIN EN ISO/IEC 17025:2005

Period of validity: 09.06.2016 to 08.06.2021

Date of issue: 09.06.2021

Holder of certificate:

IFF Engineering & Consulting GmbH
Anton-Zickmantel-Straße 50, 04249 Leipzig

Tests in the fields:

Static and dynamic strength tests at railway-specific components; impact tests of passenger and freight wagons; bogie frame tests; testing of buffers and draw gear and their components

Abbreviations used: see last page

1 Structural strength tests on rail vehicles

DIN EN 12663-1 2015-03	Railway applications - Structural requirements of railway vehicle bodies - Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons) <i>(section 8)</i>
Din EN 12663-2 2010-07	Railway applications - Structural requirements of railway vehicle bodies - Part 2: Freight wagons <i>(section 5 to 9)</i>
UIC-Kodex 566 1990-01	Loadings of coach bodies and their components
UIC-Kodex 577 2012-01	Wagon stresses

2 Bogie frame tests

DIN EN 13749 2011-06	Railway applications - Wheelsets and bogies - Method of specifying the structural requirements of bogie frames <i>(section 6.2.3 und 6.2.4 and Annex C, F, G)</i>
UIC-Kodex 510-3 1994-07	Wagons - Strength testing of 2 and 3-axle bogies on test rig
UIC-Kodex 515-4 1993-01	Passenger rolling stock - Trailer bogies - Running gear - Bogie frame structure strength tests
UIC-Kodex 615-4 2003-02	Motive power units - Bogies and running gear - Bogie frame structure strength tests

3 Tests of buffers and draw gear and their components

prDIN EN 15551 2013-05	Railway applications - Railway rolling stock - Buffers <i>(Annex B, C, D, E, F, G, J)</i>
prDIN EN 15566 2011-02	Railway applications - Railway rolling stock - Draw gear and screw coupling <i>(Annex E.3.4, E.6.2, E.6.3, F.4.5, F.8.7, F.8.7.3, G.1.4, G.1.5, G.2.2, G.2.3)</i>
ERRI B 51/RP 27 1995-07	Design and testing of new drawgear for wagons
ERRI B 51/RP 28 1995-09	Testing the service life of hydro dynamic and hydrostatic coach buffers
UIC-Kodex 526-1 2008-07	Wagons - Buffers with a stroke of 105 mm

verwendete Abkürzungen:

DIN	Deutsches Institut für Normung e.V.
EN	Europäische Norm
ERRI	Europäisches Eisenbahn-Forschungsinstitut
UIC	Internationaler Eisenbahnverband