

List of Test procedure/method identification – 01.06.2016

Accredited entity according to ČSN EN ISO/IEC 17025:2005:

VÍTKOVICE TESTING CENTER s.r.o.
Testing Laboratories
Pohraniční 584/142, Hulváky, 703 00 Ostrava

3 Mechanical Properties Testing Laboratory

The Laboratory is qualified to update standards identifying the test procedures.

The laboratory applies a flexible scope of accreditation permitted as detailed in the Annex.

Updated list of activities provided within the flexible scope of accreditation is available at the laboratory from the Quality Manager.

Tests:

Ordinal number ¹⁾	Test procedure/method name	Test procedure/method identification	Tested object
301	Tensile test at ambient temperature	QI – VTC.30 GEN – 0004 (ČSN EN ISO 6892-1, ISO 6892, ASTM A 370, ASTM E8/E8M, ASME Code Sect. II - SA 370, GOST 1497-84, GOST 10006-80)	Metallic materials
302	Tensile test at elevated temperature	QI – VTC.30 GEN – 0004 (ČSN EN ISO 6892-2, ASTM E 21, GOST 9651-86)	Metallic materials
303	Impact bend test at room temperature	QI – VTC.30 EVR – 0005 QI – VTC.30 ASME – 0005 (ČSN EN ISO 9016, ČSN ISO 148-1, ASTM E 23, ASTM A 370, GOST 9454)	Metallic materials
304	Weld bending test	QI – VTC.30 GEN – 0013 (SEP 1390)	Metallic materials

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Ordinal number ¹⁾	Test procedure/method name	Test procedure/method identification	Tested object
305	Impact bend test at reduced temperatures	QI – VTC.30 EVR – 0005 QI – VTC.30 ASME – 0005 (ČSN EN ISO 9016, ČSN ISO 148-1, ASTM E 23, ASTM A 370, GOST 9454)	Metallic materials
306	Impact bend test at elevated temperature	QI – VTC.30 EVR – 0005 QI – VTC.30 ASME – 0005 (ČSN EN ISO 9016, ČSN ISO 148-1, ASTM E 23, ASTM A 370, GOST 9454)	Metallic materials
307	Test of steel liability to ageing following cold plastic deformation	QI – VTC.30 EVR – 0005 QI – VTC.30 ASME – 0005 (ČSN 420385, GOST 7268)	Metallic materials
308	Hardness test - Brinell	QI – VTC.30 GEN – 0006 (ČSN EN ISO 6506 – 1, ASTM A 370, ASTM E 10)	Metallic materials
309	Hardness test - Rockwell	QI – VTC.30 GEN – 0006 (ČSN EN ISO 6508 – 1, ASTM A 370, ASTM E 18)	Metallic materials
310	Hardness test - Vickers	QI – VTC.30 GEN – 0006 (ČSN EN ISO 6507-1, ČSN EN 23878, ČSN EN ISO 9015-1, ASTM E 384)	Metallic materials

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Ordinal number ¹⁾	Test procedure/method name	Test procedure/method identification	Tested object
311	Bend test	QI – VTC.30 GEN – 0007 (ČSN EN ISO 7438, ČSN EN ISO 5173, ASTM A 370, ASME Code I and IX, GOST 14019, ČSN EN ISO 5173, ASME Code Sect. I and IX, GOST 6996)	Metallic materials
312	Tensile test of butt weld joints	QI – VTC.30 GEN – 0004 (ČSN EN ISO 5178, ČSN EN ISO 4136, ASME Code Sect. I and IX, GOST 6996)	Metallic materials
313	Shear test	QI-VTC.30 GEN – 0018 (DIN 50 141:1982, ČSN 420342)	Metallic materials
314	Tube ring tensile test	QI-VTC.30 GEN - 0015 (ČSN EN ISO 8496)	Metallic materials
315	Tube flattening test	QI-VTC.30 GEN - 0016 (ČSN EN ISO 8492, ASTM A 530/A530M)	Metallic materials
316	Tube ring-expanding test	QI-VTC.30 GEN - 0017 (ČSN EN ISO 8495)	Metallic materials
317	Drop weight tear test – determination of percentage of ductile fracture (DWTT)	QI-VTC.30 GEN-0003 (ČSN EN 10274, ASTM E 436, GOST 30456, API RP 5L3)	Metallic materials

¹⁾ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

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Annex:

Flexible scope of accreditation

Ordinal numbers of tests
<i>301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317</i>

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed.

The flexible approach to the scope of accreditation cannot be applied to the tests not included in the Annex.