

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

VÍTKOVICE STEEL, a.s.

Testing Laboratories VS

Štramberská 2871/47, 709 00 Ostrava - Hulváky

**Tests:**

Ordinal number <sup>1</sup>	Test procedure/method name	Test procedure/method identification <sup>2</sup>	Tested object
1	Tensile tests at ambient temperature	SOP-200.43-01 (ČSN EN ISO 6892-1, ASTM E8, ASTM A370, ASME Code Sec.II, Part A, SA 370, ASME Code Sec.IX-QW-150, ČSN EN ISO 4136, ČSN EN ISO 5178)	Metallic materials
2	Tensile tests at elevated temperature	SOP-200.43-02 (ČSN EN ISO 6892-2, ASTM E21, ASTM A370)	Metallic materials
3	Charpy pendulum impact test at ambient and low temperature	SOP-200.43-03 (ČSN EN ISO 148-1, ASTM E23, ASTM A370, ASME Code Sec.II, Part A, SA 370, ASME Code Sec.IX-QW-170, ČSN EN ISO 9016)	Metallic materials
4.	Vickers hardness tests	SOP-200.43-07 (ČSN EN ISO 6507-1, ASTM A370, ASTM E 92, ČSN EN ISO 9015-1)	Metallic materials
5	Bend tests	SOP-200.43-04 (ČSN EN ISO 7438, ASTM A370,ASME SA 370, ASME Code Sec.IX-QW 160, ČSN EN ISO 5173)	Metallic materials



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6	Lamellar tearing tests	SOP-200.43-05 (ČSN EN 10164, ASTM A770/A770M, ASME Code Sec.II, Part A, SA-770/SA-770M)	Metallic materials
7	Brinell hardness tests	SOP-200.43-06 (ČSN EN ISO 6506-1, ASTM A370, ASTM E 10)	Metallic materials
8	Weld bead bend tests	SOP-200.43-09 (SEP 1390)	Metallic materials
9	Macrographic examination by sulfur print	SOP-200.43-14 (ISO 4968, ASTM E1180, DBS 918 002-02)	Metallic materials
10	Testing and assessment of macrostructure	SOP-200.43-13 (ČSN EN ISO 17639, DBS 918 002-02)	Metallic materials

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)

Explanations:

SOP - Standard Operating Procedure  
ASTM, ASME, SA - US Technical Standards  
SEP - German Technical Standards  
DBS - Deutsche Bahn Standard

