

**The Appendix is an integral part of
Certificate of Accreditation No. 414/2021 of 30/07/2021**

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

Ústav aplikované mechaniky Brno, s.r.o.

Testing Laboratory

Resslova 972/3, Veveří, 602 00 Brno

Tests:

| Ordinal number ¹ | Test procedure/ method name | Test procedure/ method identification ² | Tested object |
|-----------------------------|----------------------------------|---|---|
| 1.* | Measurement of residual stresses | IZP -01 (ASTM E 837 - 2013a) | Steel structures, machinery, pressure vessels, storage tanks, bridges, giant machines |
| 2.* | Tensometric measurement | IZP -02 | Steel structures, rail vehicles and other technological equipment: giant machines, cranes, pipe systems, boilers and components of equipment of all types of power plants |
| 3.* | Measurement of force and mass | IZP -03 (ČSN 73 2045, ČSN 28 1300, p. 5.2.1, 5.2.6, ČSN EN 14363+A1 p. 5, ČSN EN 50215 ed. 2, p. 8.5) | Steel structures, rail vehicles and other technological equipment: giant machines, cranes, pipe systems, boilers and components of equipment of all types of power plants |
| 4.* | Static loading tests | IZP -05 (ČSN 73 2030, ČSN 28 1300, p. 5.2.4, ISO 3471, ČSN EN ISO 3471, ČSN EN 13146) | Steel structures, rail vehicles and other technological equipment: giant machines, cranes, pipe systems, boilers and components of equipment of all types of power plants |
| 5.* | Dynamic tests | IZP -06 (ČSN 73 2044, ČSN 73 0040, ČSN 28 1300, p. 5.2.5, ČSN EN 12663-1+A1, p. 6.3, ČSN EN 13146) | Steel structures, rail vehicles and other technological equipment: giant machines, cranes, pipe systems, boilers and components of equipment of all types of power plants |
| 6.* | Long-term fatigue tests | IZP-07 (ČSN 42 0363, ČSN 42 0368, ČSN EN 13146) | Components of structures and machinery |

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| 7.* | Destructive tests | IZP-08 (ČSN EN 12663 - 1+A1, p. 8, ČSN EN 15227+A1, ISO 3449; ČSN EN ISO 3449) | Steel structures, machinery, pressure vessels, pipe systems, rail vehicles |
| 8.* | Measurement of surface temperature | IZP-09 (ČSN EN 60584 - 1 ed. 2, ČSN EN 60584 - 3, ČSN EN 62460, ČSN EN 61515 ed.2) | Steel structures, rail vehicles and other technological equipment: giant machines, cranes, pipe systems, boilers and components of equipment of all types of power plants |
| 9.* | Measurement of vibration | IZP-12 (ČSN ISO 13373 - 1, ČSN ISO 13373 - 2, ČSN ISO 13373 - 3, ČSN ISO 20816 - 1) | Steel structures, machinery units, pressure equipment components, structural components of equipment of all types of power plants, buildings |
| 10.* | Measurement of pressure | IZP-14 | Pipe systems, pressure vessels, components of equipment of all types of power plants, hydraulic machines and water plants |

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

² 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:

IZP-xx: Internal test procedure prepared according to valid standards

ASTM: US Standard