

**The Appendix is an integral part of  
Certificate of Accreditation No. 201/2024 of 03/05/2024**

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

**COMTES FHT a.s.**

CAB number 1476, Material Testing Laboratory  
Průmyslová 995, 334 41 Dobřany

*The laboratory applies a flexible approach to the scope of accreditation.*

*The current list of activities carried out within the flexible scope is available on the laboratory's website [www.comtesfht.cz](http://www.comtesfht.cz) in the form of the „List of activities within the flexible scope of accreditation“.*

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1	Metallographic determination of non-metallic intrusions	ČSN ISO 4967; ASTM E45; DIN 50602:1985	Metallic materials	D
2	Determination of apparent grain size	ČSN EN ISO 643; ASTM E112	Metallic materials	D
3	Measurement of layer thickness	ČSN EN ISO 3887, cl. 5.2, 5.3; ČSN EN ISO 18203; ASTM E1077	Metallic materials	D
4	Evaluation of metallographic structure of cast iron	ČSN EN ISO 945-1	Metallic materials	D
5	Determination of phase constituent content of metals by automatic image analysis	ASTM E562; ASTM E1245	Metallic materials	D
6	Evaluation of micro/macro structure	ŘD 2-17 (ČSN 03 8137; ČSN 42 0015; ČSN 42 0469; ČSN 42 1240; ASTM E 1268; SEP 1520); ČSN 42 0467; ČSN EN ISO 5817; ČSN EN ISO 6520-1; ČSN EN ISO 10042; ČSN EN ISO 17639; ASTM E381	Metallic materials	D
7	Brinell hardness test	ČSN EN ISO 6506-1	Metallic materials	D
8	Vickers hardness test	ČSN EN ISO 6507-1; ČSN EN ISO 9015-1	Metallic materials	D
9	Rockwell hardness test	ČSN EN ISO 6508-1	Metallic materials	D
10*	Hardness test by portable hardness testers	ASTM A956; ASTM A1038	Metallic materials	D
11	Tensile test	ŘD 2-30 (ČSN EN ISO 6892-1; ČSN EN ISO 6892-2); ČSN EN ISO 4136; ČSN EN ISO 5178;	Metallic materials	D

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		ČSN EN ISO 6892-1; ČSN EN ISO 6892-2; ČSN EN ISO 6892-3; ASTM E8/E8M; ASTM E21		
12	Impact bend test	ČSN EN ISO 148-1; ČSN EN ISO 9016; ČSN EN ISO 14556; ASTM E23	Metallic materials	D
13	Bend test	ČSN EN ISO 5173; ČSN EN ISO 7438	Metallic materials	D
14*	Non-destructive inspection of the microstructure of the material by means of replica technique	ŘD 2-72 (NTD ASI - VIII-5-2019)	Metallic materials	D

<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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

**Explanations and abbreviations:**

ASTM	- American Standard Test Method
DIN	- Deutsche Industrienorm (German standard)
NTD ASI	- Association of Mechanical Engineers Standard Technical Documentation
ŘD	- Internal test procedure developed by the Materials Testing Laboratory
SEP	- Stahl-Eisen-Prüfblatt (German standard)

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*"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself."*