NÁRODNÍ AKREDITAČNÍ ORGÁN

EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. 290/2021

CZ FERMET s.r.o.
with registered office Buštěhradská 277, 272 03 Kladno, Company Registration No. 26686376

to the Testing Laboratory No. **1409**
CZ FERMET Laboratories

Scope of accreditation:

Strength and plasticity testing of metallic materials and metallographic testing of steels to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 297/2020 of 11. 5. 2020, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **27. 5. 2026**

Prague: 27. 5. 2021

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Pavel Nosek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute
Public Service Company

SECURITY SEAL · BEZPEČNOSTNÍ PEČEŤ · CZ

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

CZ FERMET s.r.o.
CZ FERMET Laboratories
Buštěhradská 283, 272 03 Kladno

Testing laboratory working site:

1	**Mechanical Laboratory**	Buštěhradská 283, 272 03 Kladno
2	**Metallographic Laboratory**	Buštěhradská 283, 272 03 Kladno

1 Mechanical Laboratory

Tests:

Ordinal number [1]	Test procedure/method name	Test procedure/method identification [2]	Tested object
1	Tensile test at ambient temperature	PP-M-01 (ČSN EN ISO 6892-1, ASTM A370)	Metallic materials
2	Tensile test at elevated temperature	PP-M-01 (ČSN EN ISO 6892-2)	Metallic materials
3	Impact bend test	PP-M-02 (ČSN ISO 148-1, ASTM E23)	Metallic materials
4	Brinell hardness test	PP-M-04 (ČSN EN ISO 6506-1)	Metallic materials
5	Rockwell hardness test	PP-M-05 (ČSN EN ISO 6508-1)	Metallic materials
6	Vickers hardness test	PP-M-06 (ČSN EN ISO 6507-1)	Metallic materials
7	Bend test	PP-M-03 (ČSN EN ISO 7438, ČSN EN ISO 5173)	Metallic materials

[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)

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2 Metallographic Laboratory

Tests:

Ordinal number [1]	Test procedure/method name	Test procedure/method identification [2]	Tested object
1.	Metallographic determination of non-Metallic intrusions	PP-G-15 (ASTM E45, DIN 50602, ČSN ISO 4967, GOST 1778, SEP 1572)	Steel
2.	Determination of apparent grain size	PP-G-13 (ASTM E112, DIN 50601, ČSN EN ISO 643) PP-G-14 (ASTM E112, DIN 50601, ČSN EN ISO 643)	Steel
3.	Evaluation of microstructure	ČSN 42 0469 SEP 1520 SEP1614 NADCA 207	Steel
4.	Determination of depth of decarburization	PP-G-12 (ČSN EN ISO 3887, DIN 50192, ASTM E1077)	Steel
5.	Test of resistance to intergranular corrosion	PP-G-17 (GOST 6032, ČSN EN ISO 3651-2)	Steel
6.	Macroscopic and microscopic examination of welds	ČSN EN ISO 17639 ČSN EN ISO 6520-1	Steel

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Ordinal number [1]	Test procedure/method name	Test procedure/method identification [2]	Tested object
7.	Hardenability test by end quenching (Jominy test)	PP-M-07 (ČSN EN ISO 642, ASTM A255) PP-G-11 (ČSN EN ISO 642, ASTM A255)	Steel

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Explanations:

ASTM	American Society for Testing and Materials (American standard)
DIN	Deutsche Industrie Norm (German standard)
GOST	Gosudarstvennye Standarty (Russian Federation standard)
NADCA	North American Die Casting Association (Standard of the North American Die Casting Association)
SEP	Stahl – Eisen – Prüfblatt (Test sheets for steels and cast irons)
PP-M-xx	Mechanical Laboratory Working Procedure
PP-G-xx	Metallographic Laboratory Working Procedure

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