



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

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

CERTIFICATE OF ACCREDITATION

No. 159/2026

TECHNICKÉ LABORATOŘE OPAVA, akciová společnost
with registered office Těšínská 2962/79b, Předměstí, 746 01 Opava
Company Registration No. 25667521

for the Certification Body No. 3101
Product Certification Body

Scope of accreditation:

Mining, boring, transport and underground machinery, earthmoving machinery, material handling equipment, hydraulic and pneumatic mechanisms, plastic products, steel ropes and slings; assessment of lifting equipment, lifts and safety components for lifts 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 17065:2013

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited 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.: 632/2024 of 28/11/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **28/11/2029**

Prague: 31/03/2026



Signed in the Czech original:
Tomáš Mikuta on 31/03/2026

Tomáš Mikuta
Director of the Department
of Certification and Inspection Bodies
Czech Accreditation Institute

This translation of the Czech original has been issued by: Andrea Muzikářová

**The Appendix is an integral part of
Certificate of Accreditation No. 159/2026 of 31/03/2026**

Accredited entity according ČSN EN ISO/IEC 17065:2013:

TECHNICKÉ LABORATOŘE OPAVA, akciová společnost
CAB number 3101, Product Certification Body
Těšínská 2962/79b, Předměstí, 746 01 Opava

Certification body workplaces:

- | | |
|---------------------------|--|
| 1. Workplace Opava | Těšínská 2962/79b, Předměstí, 746 01 Opava |
| 2. Workplace Brno | Okružní 834/29a, 638 00 Brno |

*The Certification Body applies a flexible approach to the scope of accreditation.
The current list of activities carried out within the flexible scope is publicly available (on the certification body's website <https://www.tlo.cz/certifikace-vyrobků/>) in the form of the "PCB List of activities within FRA_2025".*

Certification of products (including material products, processes, services)

Material products

Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
1.	Flat hot rolled products – Metal sheets	TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection) TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection) TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)	ČSN EN ISO/IEC 80079-38 ČSN EN ISO 12100 ČSN EN ISO 80079-36 CMA Regulation No. 22/1989 Coll.	A
2.	Steel tubes, pipes, hollow sections, weldless – Mine studdles	TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection) TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection) TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)	ČSN EN ISO/IEC 80079-38 ČSN EN ISO 12100 ČSN EN ISO 80079-36 CMA Regulation No. 22/1989 Coll. CMA Regulation No. 55/1996 Coll. GR no. 176/2008 Sb., Annex. 1, chap. 1 Directive 2006/42/ES, Annex. I, chap. 1 Regulation 2023/1230, Annex III, Section 1	A

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CAB number 3101, Product Certification Body
Těšínská 2962/79b, Předměstí, 746 01 Opava

Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
3.	Stranded wires, ropes and cables, plaited bands, strands and similar products, of iron or steel, without electrical insulation – Steel wire ropes, slings	<p>TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)</p>	<p>ČSN 02 4468 ČSN EN 12385-1+A1 ČSN EN 12385-2+A1 ČSN EN 12385-3 ČSN EN 12385-4+A1 ČSN EN 13411-2+A1 ČSN EN 13411-3 ČSN EN 13411-4 ČSN EN 13414-1+A2 ČSN EN 13414-2+A2 ČSN EN 13414-3+A1 ČSN EN ISO 80079-36 ČSN EN ISO 12100 GR no. 176/2008 Coll., Annex. 1, chap. 1, 4 Directive 2006/42/ES, Annex. I, chap. 1, 4 Regulation 2023/1230, Annex III, Section 1, 4</p>	A

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Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
4.	Hydraulic and pneumatic drives with linear movement (of cylinders) – Hydrostatic mechanisms	<p>TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)</p>	<p>ČSN 11 9006 ČSN 11 9007 ČSN 11 9009 ČSN EN 1804-2 ČSN EN 1804-3 ČSN CLC/TR 60079-32-1 ČSN 44 4430 ČSN EN ISO 14118 ČSN EN ISO 80079-36 ČSN EN ISO 13857 ČSN EN ISO 13854 ČSN EN ISO 13850 ČSN EN 60073 ed. 2 ČSN EN 894-1+A1 ČSN EN 894-2+A1 ČSN EN 894-3+A1 ČSN EN ISO/IEC 80079-38 ČSN EN ISO 14120 ČSN EN ISO 4413 ČSN EN ISO 12100 ČSN EN ISO 4414 PN-G-15535 PN-G-32000 PN-G-32010 PN-G-50000 GR no. 361/2007 Coll. CMA Regulation No. 22/1989 Coll., §§ 6, 181, 185, 217, 218, 220, 221, 224, 230, 279 CMA Regulation No. 55/1996 Coll., §§ 5, 64, 67, 84, 85, 86 GR no. 176/2008 Sb., Annex. 1, chap. 1, 5 Directive 2006/42/ES, Annex. I, chap. 1, 5 Regulation 2023/1230, Annex III, Section 1, 5</p>	A

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Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
5.	Lifts and conveyors for continuous operation, designed for underground use – Scraper conveyors, belt conveyors	<p>TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)</p>	<p>ČSN CLC/TR 60079-32-1 ČSN EN ISO 14118 ČSN EN ISO 14119 ČSN EN ISO/IEC 80079-38 ČSN EN 12321+A1 ČSN EN ISO 80079-36 ČSN EN ISO 13857 ČSN EN ISO 13850 ČSN EN ISO 7731 ČSN EN ISO 13732-1 ČSN EN 60073 ed. 2 ČSN EN 61310-1 ed. 2 ČSN EN 614-1+A1 ČSN EN ISO 14123-1 ČSN EN ISO 14120 ČSN EN 981+A1 ČSN EN ISO 12100 ČSN EN ISO 4413 ČSN EN ISO 4414 PN-G-50000 CMA Regulation No. 22/1989 Coll., CMA Regulation No. 55/1996 Coll., §§ 5, 67, 84 to 86, 89, 113, 114 GR no. 272/2011 Coll. GR no. 361/2007 Coll. GR no. 176/2008 Coll., Annex. 1, chap. 1, 5 Directive 2006/42/ES, Annex. I, chap. 1, 5 Regulation 2023/1230, Annex III, Section 1, 5</p>	A

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Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
6.	Milling or cutting machines for coal or rock mining and boring machines for tunnels, drifts and passageways, other drilling or sinking machines, individual reinforcement incl. anchoring and locking devices	<p>TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)</p>	<p>ČSN EN 1804-3 ČSN 44 4430 ČSN EN ISO 14118 ČSN EN ISO 14119 ČSN EN 12111 ČSN EN ISO 19225 ČSN EN 1837 ČSN EN ISO 19296 ČSN EN ISO 80079-36 ČSN EN ISO 13857 ČSN EN ISO/IEC 80079-38 ČSN EN ISO 13850 ČSN EN 894-1+A1 ČSN EN 894-2+A1 ČSN EN 894-3+A1 ČSN EN ISO 14120 ČSN EN 981+A1 ČSN EN ISO 4413 ČSN EN ISO 4414 ČSN EN ISO 12100 ČSN CLC/TR 60079-32-1 PN-G-15533 PN-G-15534 PN-G-15536 CMA Regulation No. 22/1989 Coll., GR no. 272/2011 Coll. GR no. 361/2007 Coll. GR no. 176/2008 Coll., Annex. 1, chap. 1, 5 Directive 2006/42/ES, Annex. I, chap. 1, 5 Regulation 2023/1230, Annex III, Section 1, 5</p>	A

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Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
7.	Parts of boring, sinking or quarrying machinery – Parts of mining and quarrying machinery	<p>TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)</p>	<p>ČSN CLC/TR 60079-32-1 ČSN EN ISO 80079-36 ČSN EN ISO 13857 ČSN EN ISO/IEC 80079-38 ČSN EN ISO 13854 ČSN EN 547-1+A1 ČSN EN 60073 ed. 2 ČSN EN 894-1+A1 ČSN EN 894-2+A1 ČSN EN 894-3+A1 ČSN EN ISO 14120 ČSN EN 981+A1 ČSN EN ISO 4413 ČSN EN ISO 4414 ČSN EN ISO 12100 CMA Regulation No. 22/1989 Coll., CMA Regulation No. 55/1996 Coll., §§ 5, 67, 84 GR no. 272/2011 Coll. GR no. 361/2007 Coll. GR no. 176/2008 S Coll., Annex. 1, chap. 1, 5 Directive 2006/42/ES, Annex. I, chap. 1, 5 Regulation 2023/1230, Annex III, Section 1, 5</p>	A

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Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
8.	Tubes, pipes and hoses, of vulcanized rubber, other than rigid – Low, medium and high pressure hoses with mechanical fittings, extra high pressure tubes and hoses with mechanical fittings	<p>TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)</p>	<p>ČSN EN 1804-1 ČSN EN 1804-3 ČSN CLC/TR 60079-32-1 ČSN EN 853 ČSN EN 854 ČSN EN 856 ČSN EN 857 ČSN EN ISO 3949 ČSN EN ISO 4413 ČSN EN ISO 12100 ISO 6805 ČSN EN ISO 8434-1 ČSN EN ISO 80079-36 PN-G-32000 PN-G-32010 CMA Regulation No. 22/1989 Coll. §§ 185, 218 CMA Regulation No. 55/1996 Coll., § 84</p>	A
9.	Plastic products	<p>TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)</p>	<p>ČSN 64 0090 ČSN EN ISO 80079-36 ČSN CLC/TR 60079-32-1 ČSN EN ISO/IEC 80079-38 CMA Regulation No. 22/1989 Coll., § 5, 6, 185 CMA Regulation No. 55/1996 Coll., § 5, 6, 6</p>	A

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Ordinal number	Product / Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
10.	Plastic plates, films and sheets	TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection) TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection) TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)	ČSN CLC/TR 60079-32-1 ČSN 64 0090 ČSN EN 14973 ČSN EN ISO 80079-36 ČSN EN ISO/IEC 80079-38 CMA Regulation No. 22/1989 Coll., § 5, 6, 185 CMA Regulation No. 55/1996 Coll., § 5, 6, 67	A
11.	Pellets from municipal waste (plastics, paper, cardboard, textiles, wood, rubber) – Solid alternative fuels	TLO-CS-1a (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection) TLO-CS-1b (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection) TLO-CS-3 (follows from the scheme 3 ISO/IEC 17067, based on testing and production assessment)	Pellets made from municipal waste (plastics, paper, cardboard, textiles, wood, rubber) – Solid alternative fuels	A

¹ Degree of freedom: A – Flexibility to update normative documents/technical specifications

If no degree of flexibility is specified, the Certification Body cannot take a flexible approach to the scope of accreditation for the certification scheme.

Explanatory notes:

Directive – Directive of the European Parliament and of the Council

GR – Government Regulation

CLC/TR - Technical Report issued by the European Committee for Electrotechnical Standardization

Regulation – Regulation (EU) of the European Parliament and of the Council

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Accreditation for authorization/notification purposes

Ordinal number	Product/Product group	Conformity assessment procedure/module/AVCP system	Basic requirements / harmonised technical specifications: Product specifications / characteristic / technical standards ²	Degree of freedom ¹
1.	Lifts according to the Gov. Reg. No. 122/2016 Sb., resp. the Directive 2014/33/EU			
1.1	Lifts	GR No. 122/2016 Sb. Directive 2014/33/EU Module G	Annex No. 1 GR No. 122/2016 Coll.	A
1.2	Safety components for lifts			
	1. Shaft door locking devices	GR No. 122/2016 Sb. Directive 2014/33/EU Module B Module C2	Annex No. 1 GR No. 122/2016 Coll.	A
2.	Machinery according to the Regulation 2023/1230			
2.1	B.12.2 Machinery for underground works of the following types: hydraulically controlled mechanical supports	Regulation 2023/1230 Module B	Annex III Regulation 2023/1230	A
2.2	B.14. Equipment for lifting persons or persons and loads where there is a risk of falling from a height exceeding a vertical distance of more than three meters	Regulation 2023/1230 Module B Module G	Annex III Regulation 2023/1230	A
3.	Machinery according to the Gov. Reg. No. 176/2008 Sb., resp. the Directive 2006/42/EC			
3.1	12.2 Machinery for underground works of the following types: hydraulically controlled mechanical supports	GR No. 176/2008 Sb. Directive 2006/42/EC EC type test	Annex No. 1 GR No. 176/2008 Coll.	A
3.2	17. Equipment for lifting persons or persons and loads where there is a risk of falling from a height exceeding a vertical distance of more than three meters	GR No. 176/2008 Sb. Directive 2006/42/EC EC type test	Annex No. 1 GR No. 176/2008 Coll.	A

¹ Degree of freedom: A – Flexibility to update normative documents/technical specifications

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If no degree of flexibility is specified, the Certification Body cannot take a flexible approach to the scope of accreditation for the certification scheme.

² The current list of standards/normative documents is available at the Certification Body **in the list “List of activities within FRA”** (on the Certification Body's website).

Explanatory notes:

Directive – Directive of the European Parliament and of the Council

GR – Government Regulation

AVCP system – Assessment and Verification of Constancy of Performance

Regulation – Regulation (EU) of the European Parliament and of the Council

"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. "