

**The Appendix is an integral part of
Certificate of Accreditation No. 109/2021 of 09/02/2021**

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

TECHNICKÉ LABORATOŘE OPAVA, akciová společnost

Product Certification Body

Těšínská 2962/79b, Předměstí, 746 01 Opava

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

Material Products

Ordinal number ¹⁾	Product/Product group name	Certification scheme	Specification of standards (normative documents)
1.*	Flat hot rolled products – Metal sheets	<p>TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)</p>	<p>ČSN EN ISO/IEC 80079-38 cl. 4.3 ČSN EN ISO 12100 cl. 6.2.2.1c and cl. 6.2.7 ČSN EN ISO 80079-36 cl. 6.4 CMA Regulation No. 22/1989 Coll. GR No. 176/2008 Coll., Annex 1, chap. 1, 5 Directive 2006/42/EC, Annex I, chap. 1, 5</p>
2.*	Steel tubes, pipes, hollow sections, weldless – Mine studdles	<p>TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)</p>	<p>ČSN EN ISO/IEC 80079-38 cl. 4.3 ČSN EN ISO 12100 cl. 6.2.2.1c and cl. 6.2.7 ČSN EN ISO 80079-36 cl. 6.4 CMA Regulation No. 22/1989 Coll. GR No. 176/2008 Coll., Annex 1, chap. 1, 5 Directive 2006/42/EC, Annex I, chap. 1, 5</p>

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Ordinal number ¹⁾	Product/Product group name	Certification scheme	Specification of standards (normative documents)
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:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p>	<p>ČSN EN 12385-3+A1 ČSN 02 4468 ČSN EN 13411-3+A1 cl. 5.1, 5.1.2.2, 5.1.3, 5.2, 5.3.7 ČSN EN 12385-1+A1 ČSN EN 12385-2+A1 ČSN EN 12385-4+A1 ČSN EN 13411-2+A1 ČSN EN 13414-1+A2 ČSN EN 13414-2+A2 ČSN EN ISO 80079-36 cl. 6.4 ČSN EN ISO 12100, cl. 6.4.4, 6.4.5 ČSN EN 13414-3+A1 GR No. 176/2008 Coll., Annex 1, chap. 1, 5 Directive 2006/42/EC, Annex I, chap. 1, 5</p>
4.*	Hydraulic and pneumatic drives with linear movement (of cylinders) – Hydrostatic mechanisms	<p>TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)</p>	<p>ČSN 11 9006 ČSN 11 9007 ČSN 11 9009 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 ISO/IEC 80079-38 ČSN EN 894-2+A1 ČSN EN 894-3+A1 ČSN EN ISO 14120 ČSN EN ISO 4413 ČSN EN ISO 12100 ČSN EN 1804-2+A1 ČSN EN 1804-3+A1 ČSN EN ISO 4414 PN-G-15535 PN-G-32000 PN-G-32010</p>

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Ordinal number ¹⁾	Product/Product group name	Certification scheme	Specification of standards (normative documents)
			PN-G-50000 GR No. 361/2007 Coll., § 49, par. 3, 5, 9 CMA Regulation No. 22/1989 Coll., §§ 6, 181, 185, 217, 218, 221, 224, 230, 279 CMA Regulation No. 55/1996 Coll., §§ 5, 64, 67, 84, 85, 86 GR No. 176/2008 Coll., Annex 1, chap. 1, 5 Directive 2006/42/EC, Annex I, chap. 1, 5
5.*	Lifts and conveyors for continuous operation, designed for underground use – Scraper conveyors, belt conveyors	TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection) TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection) TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)	ČSN CLC/TR 60079-32-1, cl. 6.1 to 6.3.7 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., §§ 6, 183, 185, 217, 218 to 221, 275, 275a CMA Regulation No. 55/1996 Coll., §§ 5, 67, 84 to 86, 89, 113, 114 GR No. 272/2011 Coll., §§ 3-10, 13-17 GR No. 361/2007 Coll., § 49 p. 3, 5, 9, § 9 p. 1, 2, 6 GR No. 176/2008 Coll., Annex 1, chap. 1, 5 Directive 2006/42/EC, Annex I, chap. 1, 5

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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:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)</p>	<p>ČSN 44 4430 ČSN EN ISO 14118 ČSN EN ISO 14119 ČSN EN 12111 ČSN EN ISO 19225 ČSN EN 1837+A1 ČSN EN 1889-1 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 EN 1804-3+A1, chap. 5,7 ČSN CLC/TR 60079-32-1 PN-G-15533 PN-G-15534 PN-G-15536 PN-G-50000 CMA Regulation No. 22/1989 Coll., §§ 6, 185,217, 218, 219, 220, 221, 258, 260, GR No. 272/2011 Coll., §§ 3-10, 13-17 GR No. 361/2007 Coll., § 49 p. 3, 5, 9, § 9 p. 1, 2, 6</p>
7.*	Parts of boring, sinking or quarrying machinery – Parts of mining and quarrying machinery	<p>TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067,</p>	<p>ČSN CLC/TR 60079-32-1, cl. 6.1 to 6.3.7 ČSN EN ISO 80079-36; ČSN EN ISO 13857 ČSN EN ISO/IEC 80079-38 ČSN EN ISO 13854 ČSN EN 349+A1 ČSN EN 547-1+A1 ČSN EN 60073 ed. 2 ČSN EN 894-1+A1 ČSN EN 894-2+A1</p>

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Ordinal number ¹⁾	Product/Product group name	Certification scheme	Specification of standards (normative documents)
		based on testing and inspection) TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)	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., §§ 6, 185, 217, 218, 259 CMA Regulation No. 55/1996 Coll., §§ 5, 67, 84 GR No. 272/2011 Coll., §§ 3-10, 13-17 GR No. 361/2007 Coll., § 49, par. 3, 5, 9 GR No. 176/2008 Coll., Annex 1, chap. 1, 5 Directive 2006/42/EC, Annex I, chap. 1, 5
8.*	Tubes, pipes and hoses, of vulcanised rubber, other than rigid – Low, medium and high pressure hoses with mechanical fittings, extra high pressure tubes and hoses with mechanical fittings	TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection) TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection) TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)	ČSN CLC/TR 60079-32-1, cl. 6.1 to 6.3.7, 7.7 ČSN EN 853, cl. 4, 6.1.1, 6.4, 8 ČSN EN 854, cl. 4, 6.1.1, 6.4, 8 ČSN EN ISO 3949, cl. 5, 7.1, 7.2, 7.5, 10 ČSN EN 856, cl. 4, 6.1.1, 6.4, 8 ČSN EN 857, cl. 4, 6.1.1, 6.4, 8 ČSN EN ISO 4413, cl. 5.3.1 ČSN EN 1804-1+A1, cl. 5.4.2, 5.4.3 ČSN EN ISO 12100, cl. 6.2.3, 6.2.4, 6.4 ČSN EN 1804-3+A1 cl. 5.1.9, 5.6.2, 5.6.3 ISO 6805, cl. 1 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
9.*	Plastic products	TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)	ČSN 64 0090 ČSN EN ISO 80079-36; ČSN CLC/TR 60079-32-1, cl. 6.2.2, 6.3.2 ČSN EN ISO/IEC 80079-38 cl. 6.2, CMA Regulation No. 22/1989 Coll., § 185 CMA Regulation No. 55/1996 Coll., § 67

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		<p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)</p>	
10.*	Plastic plates, films and sheets	<p>TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the scheme 1b ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)</p>	<p>ČSN CLC/TR 60079-32-1, cl. 6.2.2, 6.3.2 ČSN 64 0090 ČSN EN 14973 ČSN EN ISO/IEC 80079-38 cl. 6.2, 6.7 ČSN EN ISO 80079-36; CMA Regulation No. 22/1989 Coll., § 185 CMA Regulation No. 55/1996 Coll., § 67</p>
11.*	Pellets from municipal waste (plastics, paper, cardboard, textiles, wood, rubber) – Solid alternative fuels	<p>TLO-CS-1a:2020 (follows from the scheme 1a ISO/IEC 17067, based on testing and inspection)</p> <p>TLO-CS-1b:2020 (follows from the</p>	ČSN EN 15359

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		scheme 1b ISO/IEC 17067, based on testing and inspection) TLO-CS-3:2020 (follows from the scheme 3 ISO/IEC 17067, based on testing and production audit)	

¹⁾ Asterisk at the ordinal number identifies that within the scope of accreditation, the certification body is allowed to include new/updated/revised normative documents from time to time. Updated list of activities provided within the scope of accreditation is available at the Certification Body (from the Certification Body Manager).

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Accreditation for authorization/notification purposes

Ordinal number ¹⁾	Product/Product group name	Conformity assessment procedure/module	Basic requirements: Product specifications/ characteristics/technical standards ²⁾
1.	Machinery according to the Gov. Reg. No. 176/2008 Coll., resp. the Directive 2006/42/EC		
1.1*	12.2 Machinery for underground works of the following types: hydraulically controlled mechanical supports	GR No. 176/2008 Coll. Directive 2006/42/EC EC type test	Appendix No. 1 GR No. 176/2008 Coll.

- 1) Asterisk at the ordinal number identifies that within the scope of accreditation, the certification body is allowed to include new/updated/revised technical specifications listed in the relevant conformity assessment procedure for the assessment of conformity with basic requirements. The precondition is that the product area, regulations and conformity assessment procedure must not change.
- 2) Updated list of standards/normative documents is available from the Certification Body (from the Certification Body Manager).

Explanatory notes:

Directive – Directive of the European Parliament and of the Council

GR – Government Regulation