



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. 350/2025

Výzkumný Ústav Železniční, a.s.
with registered office Novodvorská 1698/138b, Braník, 142 00 Praha 4
Company Registration No. 27257258

for the Certification Body No. 3149
VUZ Certification Body for Products

Scope of accreditation:

Certification and conformity assessment of railway, tram, and trolleybus vehicles, parts of railway, tram, and trolleybus vehicles, railway, tram, and trolleybus tracks, and components of railway, tram, and trolleybus tracks within the meaning of the Railways Act and relevant implementing regulations 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.: 76/2024 of 15/02/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **27/10/2027**

Prague: 10/07/2025



Signed in the Czech original:
Tomáš Mikuta on 10/07/2025

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.: 350/2025 of: 10/07/2025**

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

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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 (e.g. on the Certification Body's website...or...) in the form of the „List of activities within the flexible scope of accreditation“.

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.	Railway, tramway, and trolleybus tracks: Infrastructure	PP03005C05/CS VUZ 1a (follows from the scheme 1a ČSN EN ISO/IEC 17067:2014, based on testing and inspection) PP03005C05/CS VUZ 5 (follows from the scheme 5 ČSN EN ISO/IEC 17067:2014, based on MS audit)	ČSN 73 4001; ČSN EN 16584-1; ČSN EN 16584-2; ČSN EN 16584-3; ČSN 73 4959; ČSN 73 6320; ČSN 73 6360-1; ČSN 73 6360-2 ČSN 73 6380; ČSN 73 7508; Act No. 266/1994 Coll.; Decree No. 177/1995 Coll.; ČSN 73 6405; ČSN 73 6412; ČSN 73 6425-1; ČSN 73 6425-2; ČSN 73 6430; ČSN 73 7509; ČSN 28 0318 + Z1; ČSN 72 3031 + A; ČSN EN 17319; ČSN 73 6413	A
2.	Railway, tramway, and trolleybus tracks: Energy	PP03005C05/CS VUZ 1a (follows from the scheme 1a ČSN EN ISO/IEC 17067:2014, based on testing and inspection) PP03005C05/CS VUZ 5 (follows from the scheme 5 ČSN EN ISO/IEC 17067:2014, based on MS audit)	ČSN 341500 ed. 2; ČSN 341530 ed. 2; ČSN EN 50119 ed.3; ČSN EN 50367 ed. 3; ČSN EN 50122-1 ed. 3; ČSN 33 3516 + Z1; ČSN 37 6750 + A	A
3.	Railway, tramway, and trolleybus tracks: • Trackside control-command and signalling • On-board control-command signalling	PP03005C05/CS VUZ 1a (follows from the scheme 1a ČSN EN ISO/IEC 17067:2014, based on testing and inspection) PP03005C05/CS VUZ 5 (follows from the scheme 5 ČSN EN ISO/IEC 17067:2014, based on MS audit)	ČSN EN 50121-3-1 ed. 4; ČSN EN 50121-3-2 ed. 4; ČSN EN 50121-4 ed. 4; ČSN EN 50125-1 ed. 2; ČSN EN 50125-3; ČSN EN 50126-1 ed. 2; ČSN EN 50126-2; ČSN EN 50128 ed. 2; ČSN EN 50129 ed. 2;	A

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Ordinal number	Product/Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
			ČSN EN 50155 ed. 4; ČSN EN 50155 ed. 5; ČSN EN 50159; ČSN EN 50238-1 ed. 2; ČSN CLC/TS 50238-2; ČSN CLC/TS 50238-3; ČSN 342613 ed. 3; ČSN 342614 ed. 3; ČSN 342617: 1992 ČSN 342650 ed. 2; TNŽ 34 2620; SŽDC No. 34/2007; SŽDC No. 35/2017; SŽDC (ČD) D1; SŽDC D3; SŽDC PPD-2/2018; 20009/2018-SŽDC-GR06; SŽDC Z8, part IV; ČSN 281300 + Z1 + Z2; ČSN 300250 + Z1; Decree No. 173/1995	
4.	Railway, tramway, and trolleybus tracks: Railway, tramway, and trolleybus vehicles	PP03005C05/CS VUZ 1a (follows from the scheme 1a ČSN EN ISO/IEC 17067:2014, based on testing and inspection) PP03005C05/CS VUZ 5 (follows from the scheme 5 ČSN EN ISO/IEC 17067:2014, based on MS audit)	ČSN EN 148-1; ČSN EN ISO 945-1; ČSN ISO 2631-1; ČSN EN ISO 3381; ČSN EN ISO 3887; ČSN EN ISO 5349-1; ČSN EN ISO 6892-1; ČSN EN 12184 ed. 2; ČSN EN 12184 ed. 3; ČSN EN 12080+A1; ČSN EN 12972; ČSN EN 13261; ČSN EN 13261; ČSN EN 13272-1; ČSN EN 13298; ČSN EN 13775-1; ČSN EN 13775-2; ČSN EN 13775-3; ČSN EN 13775-4; ČSN EN 13775-5; ČSN EN 13775-6; ČSN EN 13848-1; ČSN EN 15153-3; ČSN EN 15302; ČSN EN 15437-2+A1; ČSN EN 15746-1; ČSN EN 15746-2; ČSN EN 15746-3; ČSN EN 15746-4; ČSN EN 15085-6; ČSN EN 16116-1; ČSN EN 16704-2-2; ČSN EN ISO 17351; ČSN 281310; ČSN 342600 ed. 2;	A

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Ordinal number	Product/Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
			ČSN 342613 ed. 3; ČSN 362324; ČSN 420363; ČSN 420382; ČSN 420467; ČSN EN 45545-1; ČSN EN 45545-3; ČSN EN 45545-3; ČSN EN 45545-4; ČSN EN 50121-1 ed. 4; ČSN EN 50121-2 ed. 4; ČSN EN 50122-1 ed. 3; ČSN EN 50122-1 ed. 2 + A1 + A2 + A3 + Z1; ČSN EN 50122-2 ed. 3; ČSN EN 50122-2 ed. 2 + Z1; ČSN EN 50122-3 ed. 2; ČSN EN 50122-3 + Z1; ČSN EN 50126-1 ed. 2; ČSN EN 50126-2 ČSN EN 50128 ed. 2 + Z; ČSN EN 50129 ed. 2; ČSN EN 50155 ed. 4; ČSN EN 50155 ed. 5; ČSN EN 50206-1 ed. 2; ČSN EN 50206-2 ed. 2; ČSN EN 50163 ed. 2; ČSN EN 50215 ed. 2; ČSN EN 50238-1 ed. 2; ČSN EN 50657 + A1 + Z1:2024; ČSN EN 50716; ČSN EN 14750; ČSN EN 15313; ČSN EN 16186-8+A1; ČSN EN 17976; ČSN EN 45545-6; ČSN CLC/TS 50238-2; ČSN CLC/TS 50238-3; ČSN EN 50239 ed. 2; ČSN CLC/TS 50459-1; ČSN CLC/TS 50459-2; ČSN CLC/TS 50459-3; ČSN EN IEC 61133; TNŽ 28 2601; TNŽ 28 2604; TNŽ 28 2610; TNŽ 28 2611; TNŽ 28 2613; TNŽ 28 2624; TNŽ 28 4201; TNŽ 28 4203; TNŽ 28 4205; TNŽ 28 4210; TNŽ 28 4211; TNŽ 28 4212; TNŽ 28 4214;	

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Ordinal number	Product/Product group name	Certification scheme	Specification of standards (normative documents)	Degree of freedom ¹
			TNŽ 28 4216; TNŽ 28 4217; TNŽ 28 4220; TNŽ 28 4221; TNŽ 28 4222; TNŽ 28 4228; TNŽ 28 4243; TNŽ 28 4244; TNŽ 28 4245; TNŽ 28 5410; TNŽ 28 7204; UIC 140; UIC 510-3; UIC 515-4; UIC 517; UIC 518; UIC 520; UIC 526-1; UIC 526-2; UIC 527-1; UIC 528; UIC 530-2; UIC 533; UIC 541-05; UIC 541-3; UIC 541-4; UIC 543; UIC 547; UIC 550; UIC 550-2; UIC 552; UIC 555; UIC 565-3; UIC 566; UIC 580; UIC 615-4; UIC 627-2; UIC 651; UIC 821; UIC 822; UIC 825; UIC 826; UIC 827-1; UIC 827-2; UIC 828; UIC 833; ERRI Report No. B12/RP17; ERRI Report No. B153/RP21; ERRI Report No. B51/RP27; ORE Report No. B55/RP8; ORE Report No. C138/RP9 Decree No. 173/1995 Coll.; Act 266/1994 Coll.; Decree No. 100/1995 Coll.; ČSN 28 1300 + Z1 + Z2; ČSN 30 0250 + Z1	

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- 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.
- ² non-mandatory information

Accreditation for authorization/notification purposes

For conformity assessment purposes in the area of interoperability, Certification Body fulfils the requirements set in part 2.B: Requirements of Technical Document Requirements for Conformity Assessment Bodies Seeking Notification) MNB - Assessment scheme, 000MRA1044 ver 2.0.

Ordinal number	Product/Product group name	Conformity assessment procedure/module/ system AVCP system	Basic requirements / harmonised technical specifications: Product specifications/ characteristics/technical standards ²	Degree of freedom ¹
1.	Union rail system – Infrastructure subsystem	Commission Decision 2010/713/EU modules CA1 CA2 CB CD CH CH1 CF SH1 SG	Commission Regulations (EU) No. 1299/2014; (EU) No. 1300/2014; (EU) No. 1303/2014; (EU) 2016/912; (EU) 2019/772; (EU) 2019/776; (EU) 2022/721; (EU) 2023/1694	A
2.	Union rail system – Energy subsystem	Commission Decision 2010/713/EU modules CB CH CH1 SH1 SG	Commission Regulations (EU) No. 1301/2014; (EU) No. 1303/2014; (EU) 2016/912; (EU) 2018/868; (EU) 2019/776; (EU) 2023/1694	A
3.	Union rail system – subsystems: <ul style="list-style-type: none"> • Trackside control-command and signalling • On-board control-command signalling 	Commission Decision 2010/713/EU modules CB CD CH1 CF SB SD SH1 SF SG	Commission Regulations (EU) No. 1303/2014; (EU) 2016/912; (EU) 2016/919; (EU) 2017/6; (EU) 2019/776; (EU) 2020/387; (EU) 2020/420; (EU) 2023/1695	A

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Ordinal number	Product/Product group name	Conformity assessment procedure/module/ system AVCP system	Basic requirements / harmonised technical specifications: Product specifications/ characteristics/technical standards ²	Degree of freedom ¹
4.	Union rail system – Rolling stock subsystem	Commission Decision 2010/713/EU modules CA1 CA2 CB CD CH CH1 CF CV SB SD SH1 SF SG	Commission Regulations (EU) No. 321/2013; (EU) No. 1236/2013; (EU) No. 1300/2014; (EU) No. 1302/2014; (EU) No. 1303/2014; (EU) No. 1304/2014; (EU) 2015/924; (EU) 2016/912; (EU) 2016/919; (EU) 2018/868; (EU) 2019/772; (EU) 2019/774; (EU) 2019/776; (EU) 2020/387; (EU) 2022/721; (EU)2023/1694; (EU) 2024/191; (EU) 2025/675	A
5.	Union rail system – Infrastructure subsystem	Commission Decision 2010/713/EU modules SH1 SG	ÚNMZ Announcement No. 13/21 in the ÚNMZ Bulletin No. 2/2021 – List of national regulations, p. 1.1 Infrastructure subsystem	A
6.	Union rail system – Energy subsystem	Commission Decision 2010/713/EU modules SH1 SG	ÚNMZ Announcement No. 13/21 in the ÚNMZ Bulletin No. 2/2021 – List of national regulations, p. 1.2 Energy subsystem	A
7.	Union rail system – subsystems: <ul style="list-style-type: none"> • Trackside control-command and signalling • On-board control-command signalling 	Commission Decision 2010/713/EU modules SB SD SH1 SF SG	ÚNMZ Announcement No. 13/21 in the ÚNMZ Bulletin No. 2/2021 – List of national regulations, p. 1.3 Subsystems: <ul style="list-style-type: none"> • Track command control and signalling • On-board command control and signalling 	A
8.	Union rail system – Rolling stock subsystem	Commission Decision 2010/713/EU modules SB SD SH1 SF SG	ÚNMZ Announcement No. 13/21 in the ÚNMZ Bulletin No. 2/2021 – List of national regulations, p. 1.4 Rolling stock subsystem	A

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- 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.
- ² The list of standards/normative documents is available from the Certification Body on the certification body's website www.cdvuz.cz in the form "List of activities within the flexible scope of accreditation".

Explanations and abbreviations:

Regulation (EU) (Implementing) Regulation of the European Commission

ÚNMZ Office for Technical Standardisation, Metrology and State Testing

PP03005C Product conformity assessment procedure for the non-regulated sector (internal working procedure of the VUZ)

"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. "