

**The Appendix is an integral part of
Certificate of Accreditation No: 316/2024 of 02/07/2024**

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

Sécheron Hasler CZ, spol. s r.o
CAB number 1651, Sécheron Hasler CZ Testing Laboratory
Podnikatelská 565, Běchovice, 190 11 Praha 9

The laboratory provides opinions and interpretations of the test results.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Endurance tests of transverse sinusoidal vibrations	SPL-P015 (ČSN EN 50206-1 ed. 2; EN 50206-1; ČSN EN 50206-2 ed. 2; EN 50206-2; IEC 60494-1 ed. 2; IEC 60494-2 ed. 2)	Pantographs for rolling stock	-
2	Shock and vibration tests	SPL-P064 (ČSN EN 61373 ed. 2; ČSN EN 61373:2002; IEC 61373 ed. 2; IEC 61373:1999; EN 61373; EN 61373:1999)	Rolling stock equipment	-
3	Dielectric properties tests by power frequency voltage	SPL-P040 (ČSN EN 50124-1 ed. 2; EN 50124-1; ČSN EN 60077-1 ed. 2; EN 60077-1; IEC 60077-1 ed. 2; IEC 60077-1:1999; ČSN EN 60077-2 ed. 2; EN 60077-2; IEC 60077-2 ed. 2; IEC 60077-2:1999; ČSN EN IEC 60077-3 ed. 2; EN IEC 60077-3; IEC 60077-3 ed. 2; ČSN EN IEC 60077-4 ed. 2; EN IEC 60077-4; IEC 60077-4 ed. 2; IEC 62497-1 ed. 1.1)	Rolling stock electrical equipment	-

**The Appendix is an integral part of
Certificate of Accreditation No: 316/2024 of 02/07/2024**

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

Sécheron Hasler CZ, spol. s r.o
CAB number 1651, Sécheron Hasler CZ Testing Laboratory
Podnikatelská 565, Běchovice, 190 11 Praha 9

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
4	High-voltage tests of dielectric properties by lightning impulse voltage	SPL-P043 (IEC 60060-1, cl. 7; EN 60060-1, cl. 7; ČSN EN 60060-1, cl. 7; IEC 62497-1; EN 60077-1; ČSN EN 60077-1; EN 60077-2; ČSN EN 60077-2; EN IEC 60077-3; ČSN EN IEC 60077-3; EN IEC 60077-4; ČSN EN IEC 60077-4; EN 50124-1; ČSN EN 50124-1; IEC 60077-1:1999; IEC 60077-1; IEC 60077-2:1999; IEC 60077-2; IEC 60077-3; IEC 60077-4)	Rolling stock electrical equipment	-

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

³ the laboratory does not apply a flexible approach to the scope of accreditation

Explanations:

SPL-Pxxx Testing Procedures of Sécheron Hasler CZ, spol. s r. o.

"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."