

**The Appendix is an integral part of
Certificate of Accreditation No. 406/2022 of 16/08/2022**

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

Studio D – akustika s.r.o.
 Testing Laboratory Studio D – akustika
 U Sirkárny 468/2, 370 04 České Budějovice

The laboratory provides expert opinions and interprets test results.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested object
1*	Measurement of reverberation time, clarity, definition and speech transmission index and calculation of reverberation time ³	ČSN EN ISO 3382-1 EN ISO 3382-1	Performance spaces
		ČSN EN ISO 3382-2 EN ISO 3382-2	Ordinary rooms
		ČSN EN ISO 3382-3 EN ISO 3382-3	Open plan offices
2*	Measurement of sound absorption factor	ČSN EN ISO 354 EN ISO 354 ČSN EN 1793-1 EN 1793-1	Reverberation room and absorption of elements
3*	Measurement of sound insulation – measurement of airborne sound insulation	ČSN EN ISO 16283-1 EN ISO 16283-1	Partition constructions (ceilings, walls and hole fillings)
		ČSN EN ISO 16283-3 EN ISO 16283-3	Facades and their elements
		ČSN EN ISO 717-1 EN ISO 717-1 ČSN EN ISO 10140-2 EN ISO 10140-2	Building constructions
		ČSN EN 1793-2 EN 1793-2	Road traffic noise reducing devices
4*	Measurement of sound insulation – impact sound insulation	ČSN EN ISO 16283-2 EN ISO 16283-2	Partition constructions
		ČSN EN ISO 717-2 EN ISO 717-2 ČSN EN ISO 10140-3 EN ISO 10140-3	Building constructions
5*	Measurement of sound insulation – insertion loos	ČSN ISO 70847 ISO 10847	Outdoor noise barriers
		ČSN EN ISO 11546-2 EN ISO 11546-2	Enclosures of small machines (insertion loos)
6*	Measurement of sound absorption	ČSN EN 1793-1 EN 1793-1	Noise barriers
7*	Measurement of noise in working environment	ČSN EN ISO 9612 EN ISO 9612	Workplace
		ČSN EN ISO 11201 EN ISO 11201 ČSN EN ISO 11202 EN ISO 11202 ČSN EN ISO 11203 EN ISO 11203 ČSN EN ISO 11204 EN ISO 11204	Work station and other specified positions

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested object
8*	Measurement of noise in out-of-work environment	ČSN ISO 1996-1 ISO 1996-1 ČSN ISO 1996-2 ISO 1996-2	Environment, outdoor space
		ČSN EN ISO 11819-1 EN ISO 11819-1	Road surface
		ČSN ISO 3891 ISO 3891	Air transport
		ČSN EN ISO 61400-11 EN ISO 61400-11	Wind power plants
9*	Calculation of noise in out-of-work environment	SRM II (EU Interim Method)	Rail transport
		XP S 31 – 133/NMPB + Guide du Bruit (EU Interim Method)	Road transport
		ECAC.CEAC Doc. 29 1997 + Segmentation (EU Interim Method)	Air transport
		ČSN ISO 9613-1 ISO 9613-1 ČSN ISO 9613-2 ISO 9613-2	Outdoor space
10*	Determination of sound power levels using sound pressure	ČSN EN ISO 3744 EN ISO 3744 ČSN EN ISO 3746 EN ISO 3746	Stationary noise sources
		ČSN EN 71-1+A1, cl. 4.20, 8.28 EN 71-1+A1, cl. 4.20, 8.28	Toys
		ČSN ISO 8297 ISO 8297	Production facilities with multiple sources
		ČSN ISO 5128 EN ISO 5128	Motor vehicles
		ČSN EN ISO 3095 EN ISO 3095	Railbound vehicles
11*	Measurement of acoustic properties (insertion loss and flow noise)	ČSN EN ISO 7235 EN ISO 7235	Ducted silencers and air-terminal units
12*	Measurement of vibrations and shocks	ČSN EN ISO 5349-1 EN ISO 5349-1 ČSN EN ISO 5349-2 EN ISO 5349-2	Working environment (hand-transmitted vibrations)
		ČSN ISO 2631-1 ISO 2631-1 ČSN EN ISO 2631-5 ISO 2631-5	Working environment (whole-body vibrations)
		ČSN ISO 2631-2 ISO 2631-2	Buildings

¹ asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

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- 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)
- ³ calculation SOFTWARE ODEON: includes ČSN EN ISO 3382-1, EN ISO 3382-1, ČSN EN ISO 3382-2, EN ISO 3382-2

Explanatory notes:

SRM II (EU Interim Method):

Reken-en Meetvoorschrift Railverkeerslawaai '96. Ministerie Volkshuisvesting, Ruimtelijke Ordening en Milieubeheer (Pokyny k výpočtu a měření hluku ze železniční dopravy 1996, listopad 2001)

XP S 31 – 133/NMPB + Guide du Bruit (EU Interim Method):

Road noise prediction, Noise propagation computation method including meteorological effects (NMPB). République Française, Technical Department of the Ministry of Ecology, Energy Sustainable Development and the Sea (Predikce hluku ze silniční dopravy, Metoda výpočtu hluku zahrnující meteorologické vlivy)

ECAC.CEAC Doc.29 + Segmentation (EU Interim Method):

Report on Standard Method of Computing. Noise Contours around Civil Airports (Zpráva o standardní metodě výpočtu izofon hluku kolem civilních letišť), 2. vydání, 1997.