



Lithuanian National Accreditation Bureau is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (for accreditation of testing, calibration, medical examinations, certification of products, persons and management systems and inspection) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (for accreditation in the fields of testing, calibration, medical examinations and inspection)

ACCREDITATION CERTIFICATE

No. LA.01.164

Lithuanian National Accreditation Bureau hereby certifies that

complies with the requirements of

**Physical Research Laboratory of
UAB Tyrimų laboratorija**

LST EN ISO/IEC 17025:2018

legal entity: UAB Tyrimų laboratorija
legal entity code: 304171076

and is accredited to perform:

testing of sound insulation in situ of constructions in buildings, reverberation time, noise levels from service equipment in buildings, environment noise levels, air permeability of buildings, thermal environment, illumination in workplace and emergency lighting, insertion loss of noise barriers measurements

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

Initial accreditation date: **2016-10-17**

Certificate issued / valid since: **2024-02-07**

Version of: **2024-02-07**

Expiry date: **2026-10-13**

Director

DALIA BALEŽENTĖ

The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau. Information on the actual data of accreditation certificates may be verified at nab.lrv.lt





SCOPE OF ACREDITATION
(flexible)*

Physical Research Laboratory of UAB Tyrimų laboratorija, accredited in accordance with **LST EN ISO/IEC 17025:2018**

Location of the conformity assessment body:

Tiekėjų str. 19F, 97123 Kretinga

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
Buildings partitions and elements	Standardized level difference $D_{nT,w}$ Apparent sound reduction index R'_w	LST EN ISO 16283-1 LST EN ISO 717-1	Field measurement of sound insulation
Buildings and elements	Normalized impact noise level $L_{n,w}^i$	LST EN ISO 16283-2 LST EN ISO 717-2	Field measurement of impact sound insulation
Buildings partitions and elements	Standardized level difference $D_{is,2m,nT,w}$	LST EN ISO 16283-3 LST EN ISO 717-1	Field measurement of sound insulation
Ordinary rooms	Reverberation time T_{60}	LST EN ISO 3382-2	Interrupted noise method Integrated impulse respond method
Service equipment in buildings	Equivalent steady sound pressure level Maximum sound pressure level Corrected sound pressure level in octave bands	LST EN ISO 16032	Engineering method of maximum noise level
Environmental noise (road traffic, rail traffic, air traffic, industrial plants)	Equivalent continuous sound pressure level Maximum sound pressure level Sound exposure level N percentage exceedance level Day, evening, night sound levels $L_{den}, L_{day,h}, L_{evening,h}, L_{night,h}$ Sound pressure level in octave and third octave bands Low frequency and infrasound	LST ISO 1996-1 LST ISO 1996-2 HN 30	Long and short term measurements of environmental noise

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
Natural and artificial illuminance in workplace	Coefficient of natural illumination Level of artificial illumination	HN 98 SVP Nr.1	Natural measurements and calculation based on measurement results
Thermal environment of working, residential and public premises	Air temperature Air relative humidity Air movement speed	HN 69 SVP Nr.2 HN 42 SVP Nr.3	Natural measurements
Buildings and parts of buildings	Determination of air permeability of buildings	LST EN ISO 9972	Fan pressurization method
In-situ determination of insertion loss of outdoor noise barriers of all types	A weighted equivalent continuous sound pressure level A weighted sound exposure level A weighted maximum sound pressure level Insertion loss of barriers D_{IL}	LST ISO 10847	Direct method Indirect method
Emergency lighting	Level of Illumination	LST EN 1838	Natural measurements

* One degree of flexibility is defined and applicable for the whole accreditation scope: application of the updated documents of test methods already covered by accreditation or superseding them.

Actual accreditation scope is published on the website at www.tyrimulaboratorija.lt

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.

The accreditation certificate is signed with a qualified electronic signature as an attachment to the order of the Director of the National Accreditation Bureau, by which it was approved