



Accredited to LST EN ISO/IEC 17025:2018

**PHYSICAL RESEARCH LABORATORY OF
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SCOPE OF ACCREDITATION
(flexible)*

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause	Techniques, methods and/or equipment used
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 $L'_{n,w}$	LST EN ISO 16283-2 LST EN ISO 717-2	Field measurement of impact sound insulation
Buildings partitions and elements	Standardized level difference $D_{1s,2m,nT,w}$	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



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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 18047	Direct method Indirect method

*Defined and applicable for the whole accreditation scope of flexibility:

- application of the updated documents of test methods already covered by accreditation or replacing them.

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

Director

Jurgis Šarmavičius