



**NATIONAL
ACCREDITATION
BUREAU**

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.01.089

Valid until 28-05-2028

Lithuanian National Accreditation Bureau hereby certifies that

JSC „Vakarų centrinė laboratorija“

Minijos st. 180, LT-93269 Klaipėda

complies with the requirements of LST EN ISO/IEC 17025:2018

and is accredited to perform

**non-destructive and mechanical testing of metal construction and welded joints,
and investigation of physical factors of the environment.**

The scope of accreditation is listed in the Annex

Accreditation certificate issued 29-05-2023

First accreditation certificate issued 18-06-2008

Director



Dalia Baležentė

This accreditation certificate replaces accreditation certificate No. LA.01.089 issued 27-11-2020



Accredited for LST EN ISO/IEC 17025:2018

**JSC „Vakarų centrinė laboratorija“
Minijos str. 180, LT-93269 Klaipėda**

SCOPE OF ACCREDITATION

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)
Non – destructive testing			
Metal construction, forged steel and welded metal joints	External defects	LST EN ISO 17637:2017	Visual inspection (VT)
		LST EN ISO 17638:2017	Magnetic particle tests (MT)
		LST EN ISO 3452-1:2021	Penetrant testing (PT)
	Internal and external defects	LST EN ISO 17636-1:2022 LST EN ISO 17636-2:2022 LST EN ISO 5579:2014 A and B class	Radiographic tests (RT)
LST EN ISO 7640:2019; LST EN ISO 16810:2014/P:2014		Ultrasonic testing (UT)	
Welded joints of metals	Leakage	LST EN 1593:2001/ A1:2004, 9.2.2 p.; LST EN 1779:2001/ A1:2004	Leak test by bubble separation
		LST EN 1593:2001/ A1:2004, 9.2.2 p.; LST EN 1779:2001/ A1:2004, table A2, section C2	Leak test by inflation
Mechanical testing			
Metals and welded joints of metals	Vickers Hardness (HV)	LST EN ISO 6507-1:2018 LST EN 9015-1:2011	Vickers Hardness HV
	Yield strength; Tensile strength; Elongation after fracture; Reduction of area.	LST EN ISO 6892-1:2020 (Method B)	Tensile test
	Welded joints of metals	LST EN ISO 4136:2022;	Transverse tensile test
Welded joints of metals	Defects evaluation after bend test	LST EN ISO 5173:2023	Bending of flat samples on two supports at the right angle

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)
			(TFBB, TRBB, SBB, LFBB and LRBB)
	Internal and external defects	LST EN ISO 17639:2022	Metallographic (macroscopic and microscopic) examination
	Internal defects	LST EN ISO 9017:2018	Fracture test
Metals, alloys, welded metal joints	Absorbed impact energy KV ₂ ; KU ₂	LST EN ISO 148-1:2017; LST EN ISO 9016:2022	Charpy pendulum impact test. Non-standard test temperature: (-80 ± 20) °C
Physical factors of the environment researches			
Lighting in the work environment	Artificial indoor and outdoor lighting: Lighting level	HN 98:2014 LVS-F 7.2-01:2023	In-kind measurements
	Natural indoor lighting: the coefficient of natural light		Expert calculation based on the results of field measurements
Workplace noise exposure	Noise exposure level normalized to an 8 h working day daily noise exposure level, L _{EX,8} . C-weighted peak sound pressure level, L _{p,Cpeak} .	LST EN ISO 9612:2009, except 11 sk.	Expert calculation based on the results of field measurement
Noise emitted by industrial objects	Equivalent continuous sound pressure level (L _{AeqT}). Maximum time and frequency weighted sound pressure level (L _{Amax})	LST ISO 1996-2:2017, 7.5 sk.	Expert calculation based on the results of field measurement

Director



Dalia Baležentė

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.