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 07-06-2023

Lithuanian National Accreditation Bureau hereby certifies that

UAB „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 testing of potentially hazardous equipment, ship's metal structures, pipes and other rolled steel profiles, welded joints of rolled and forged steel products, welded steel joints; determination of the characteristics of metal products by destructive methods and investigation of physical factors of the environment

The scope of accreditation is listed in the Annex
Accreditation certificate issued 27-11-2020
First accreditation certificate issued 18-06-2008

Nacionalinis akreditacijos biuras

Deputy director

Tadas Juodelis

This accreditation certificate replaces accreditation certificate No. LA.01.089 issued 08-06-2018

Accredited for LST EN ISO/IEC 17025:2018

UAB „Vakarų centrinė laboratorija“
Minijos st. 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)
1	2	3	4
Non - destructive testing			
Potentially hazardous equipment, ship's metal structures made of sheets, pipes and other rolled steel profiles, metal products (rolled and forged products, castings) Welded steel joints	*External defects:* overlaps, burn throughs, concavities, form and shape, geometry and other defects *Internal defects:* cracks, voids, pores, solid inclusions, concavities, lack of fusion and penetration, overlays, burn throughs, shape and dimensional defects, grooves	LST EN ISO 17636-1:2013; LST EN ISO 17636-2:2013; LST EN ISO 5579:2014 A and B level	Radiographic tests (RT)
		LST EN ISO 17640:2019; LST EN ISO 16810:2014/P:2014	Ultrasonic method (UT)
Welded joints of potentially hazardous equipment, ship metal structures made of sheets, pipes and other rolled steel profiles Forged steel products	*Defects:* cracks, slag, burn throughs, lack of fusion, pores.	LST EN ISO 17638:2017	Magnetic particle tests (MT)
Welds and surfaces of metal products Forged steel products	*Defects:* Cracks, lack of fusion, pores	LST EN ISO 3452-1:2013	Penetration testing (PT)

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1	2	3	4
Fusion welding seams of metals	*Visual inspection of the joint preparation:* the shape and dimensions of the joint; surface cleaning; compliance with drawings and instructions. Visual inspection during welding: seam layer; cleaning before making other seam; defects (cracks, voids); seam shape; compliance with WPS *Visual inspection of finished weld*: cleaning and surface smoothing; shape and dimensions; seam root and surface.	LST EN ISO 17637:2017	Visual inspection (VT)
Welded joints	*Defects:* 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 tests			
Welded metal joints Metals sheets, tubes and other profiles	Vickers Hardness (HV)	LST EN ISO 6507-1:2018 ; LST EN 9015-1:2011	Vickers Hardness (HV)
Welded metal joints	Evaluation of defects after bending	LST EN ISO 5173:2010; LST EN ISO 5173:2010/A1:2012	Bending test, bending on two supports at the required angle for flat specimens (TFBB,

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			TRBB, SBB, LFBB and LRBB)
Welded metal joints Metals sheets, tubes and other profiles	Strength limit	LST EN ISO 4136:2013; LST EN ISO 6892-1:2020	Tensile test
Welded metal joints	*External defects:* cracks, voids, inclusions, lack of fusion, lack of penetration, burn throughs, reinforcement. *Internal defects:* cracks, voids, solid inclusions, lack of fusion, lack of penetration, shape and dimensional defects, other defects	LST EN ISO 17639:2013	Metallographic (macroscopic and microscopic) examination
Metals, alloys, welded metal joints	Absorbed impact energy KV_2; Absorbed impact energy KU_2	LST EN ISO 148-1:2017; LST EN ISO 9016:2013	Impact test. Sample temperature from -196°C to +20°C
Welded metal joints	*Internal defects*: cracks, voids, solid inclusions, lack of fusion, lack of penetration, defects in shape and dimensions, other defects.	LST EN ISO 9017:2018	Fracture test
Physical factors of the environment researches			
Lighting in the work environment	*Artificial indoor and outdoor lighting*: lighting level	HN 98:2014	In - kind measurements
	Natural indoor lighting: the coefficient of natural light		Calculation based on the results of field measurements

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)
1	2	3	4
Workplace noise exposure	A- the weighted equivalent constant sound pressure level, C- the weighted instantaneous sound pressure level	LST EN ISO 9612:2009, Except 11 sec.	Calculation based on the results of field measurements
Noise emitted by industrial objects	Equivalent continuous sound pressure level, maximum time weighted and frequency weighted sound pressure level.	LST ISO 1996-2:2017, 7.5 sec.	Calculation based on the results of field measurements

Deputy director Tadas Juodelis