

ACCREDITATION CERTIFICATE

No. LA.202-06

National accreditation body hereby certifies that

complies with the requirements of

JSC “Metrologinės patikros”
Inspection body

LST EN ISO/IEC 17020:2012

legal entity: Metrologinės patikros UAB
legal entity code: 305550638

and is competent to perform this accredited activity:

verification of measuring equipment
as a type A inspection body

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: **2022-06-30**

Certificate issued / valid since: **2024-02-28**

Version of: **2026-05-08**

Expiry date: **2027-06-29**

Director of the Accreditation Department



TADAS JUODELIS

The certificate may be changed, its validity suspended or withdrawn by the decision of the National accreditation body.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





SCOPE OF ACREDITATION

JSC “Metrologinės patikros” Inspection body, accredited as a *type A inspection body* in accordance with **LST EN ISO/IEC 17020:2012**

Location of the conformity assessment body:

Rodunios Road 34, LT-02187 Vilnius, Lithuania

Inspection area (name of the inspection object)	Inspection scope (periodical, initial, etc.), character (new objects or objects in use)	Documents describing inspection methods and procedures
Taxi meters Traveled distance fixation error $\pm 2\%$ Measured time error $\pm 0,2\%$	Metrological verification	BPM 120229395-90:2016
Vehicle brake parameter measuring stands (0-40) kN Manufactured up to 2008 year: permissible error $\pm 3\%$. Manufactured up to 2008 year: to the force less than 5000 N permissible error ± 100 N, greater than 5000 N permissible error $\pm 2\%$. the lack of identity of the left and right sides permissible error $\pm 2,5\%$.	Metrological verification	BPM 120229395-141:2013
Car headlight beam adjustment and test stands Error in the orientation of the optical system and scale in the horizontal direction and in the vertical direction ± 3 mm	Metrological verification	BPM 8871101-102:2006 Amendment 1 Amendment 2
Instruments for measuring the concentration of alcohol in exhaled air alcohol concentration β measurement limits (0 iki β max) mg/l permissible error: according OIML R126-1 $\beta < 0,4$ mg/l $\pm \leq (0,02...0,03)$ mg/l $0,4$ mg/l $\leq \beta \leq 2,0$ mg/l $\pm \leq (5...7,5)\%$ $\beta > 2,0$ mg/l $\pm \leq ((\beta/2-0,9)...((3\cdot\beta)/4-1,35))$ mg/l; according LST EN 15964 $\beta \leq 0,2$ mg/l $\pm \leq 0,02$ mg/l $\beta > 0,2$ mg/l $\pm \leq 10\%$	Metrological verification	BPM 111950581-78:2024
Explosive/flammable gas measuring systems and alarms ASR/AUR measurement range: (5...50) % ASR/AUR Permissible error: $\pm 3\%$ and greater	Metrological verification	BPM 111950581-121:2025

Inspection area (name of the inspection object)	Inspection scope (periodical, initial, etc.), character (new objects or objects in use)	Documents describing inspection methods and procedures
Oxygen gas measurement systems and alarms Oxygen concentration measurement range: (0.5...100) vol. %; Permissible error: ± 0.2 vol. % O ₂ and greater Toxic gas measurement systems and alarms Gas concentration measurement range: 5 ppm ... 100 vol.%; Permissible error: $\pm 3\%$ and greater		
Vehicle exhaust gas analyzers Measurement range: (0.01...7) vol. % CO Permissible error: $\pm 3\%$ and greater Measurement range: (0.01...16) vol. % CO ₂ Permissible error $\pm 4\%$ and greater Measurement range: (0.01...2000) vol. ppm HC Permissible error $\pm 5\%$ and greater Measurement range: (0.01... 21) vol. % O ₂ Permissible error $\pm 3\%$ and greater	Metrological verification	BPM 8871101-79:2014
pH meters pH measurement range: (-3...+17) pH Permissible error: ± 0.02 pH or greater Electromotive force measurement range: (-1900...+1900) mV Permissible error ± 0.2 mV and greater Specific electrical conductivity measurement range: 0.01 $\mu\text{S/cm}$...12800 $\mu\text{S/cm}$ Permissible error $\pm 1\%$ and greater Dissolved oxygen concentration measurement range (0...19) mg/L O ₂ Permissible error $\pm 0.5\%$ and greater	Metrological verification	BPM 8871101-75:2003
Dissolved oxygen concentration meters Temperature measurement range (0...55) °C, Permissible error $\pm 0.3\%$ and greater Dissolved oxygen concentration measurement range (0...199.9) % (0...600) % O ₂ Permissible error $\pm 0.5\%$ and greater	Metrological verification	BPM 8871101-117:2007
Spectrophotometers Wavelength measurement range (220...900) nm Permissible error ± 0.5 nm and greater Absorption measurement range (0...2) A (relative absorption units) Permissible error ± 0.002 A (relative absorption units) and greater	Metrological verification	BPM 8871101-62:2005
Refractometers Refractive index measurement range (1.32...1.70) n_D ; Permissible error: $\pm 1 \times 10^{-4} n_D$ and greater; Brix measurement range (0...100)% Brix; Permissible error: ± 0.2 % Brix and greater	Metrological verification	BPM 8871101-59:2010
Smoke gauges for diesel engines (opacimeters) Light transmittance measurement range (0–100) % Permissible error: $\pm 1\%$ and greater	Metrological verification	BPM 8871101-87:2004

Inspection area (name of the inspection object)	Inspection scope (periodical, initial, etc.), character (new objects or objects in use)	Documents describing inspection methods and procedures
Car glass lights permeability measuring device CL 176 RS Light transmittance measurement range (0–100) % Permissible error: $\pm 2\%$ or greater	Metrological verification	PM 122757637-10:2006
Wood moisture meters Moisture measurement range: (7...60) % Permissible error: $\pm 0.2\%$ and higher	Metrological verification	BPM 8871101-123:2008
Grain moisture meters Moisture measurement range: (0...100) % Permissible error: $\pm 0.5\%$ or greater	Metrological verification	BPM 8871101-125:2008
Milk analyzers (lactoscopes) Fat concentration measurement range (0.5...7)% Protein concentration measurement range (2...5)% Lactose concentration measurement range (3...6) % Permissible error $\pm 1\%$ and greater Temperature measurement range (0...-1,500) °C; Permissible error ± 0.0025 °C and greater	Metrological verification	BPM 8871101-124:2008
Grain fall number measurement analyzers Time measurement range (62...1000) s Permissible error ± 1 s and greater	Metrological verification	BPM 140216494-149:2014

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 decision of the National accreditation body, by which it was approved