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Velja od / Valid as of: 8. maj 2024

Zamenjuje izdajo, veljavno od dne / Replaces the Annex valid as of: 9. januar 2023

Akreditacija je veljavna do preklica. Veljavnost je mogoče preveriti na spletni strani SA, www.slo-akreditacija.si.

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PRILOGA K AKREDITACIJSKI LISTINI Annex to Accreditation Certificate

K-003

1 AKREDITIRANI ORGAN / Accredited body

LOTRIČ Meroslovje d.o.o. / LOTRIČ Metrology Ltd.

Selca 163, 4227 Selca

2 ZAHTEVE ZA USPOSOBLJENOST / Competence Requirements

SIST EN ISO/IEC 17020:2012, tip C – za obseg dejavnosti, določen v tabeli 1

SIST EN ISO/IEC 17020:2012, tip A – za obseg dejavnosti, določen v tabeli 2

3 OBSEG AKREDITACIJE / Scope of accreditation

V okviru te akreditacijske listine Slovenska akreditacija priznava akreditiranemu organu usposobljenost za opravljanje naslednjih dejavnosti: / SA hereby recognizes the accredited body as being competent to perform the following activities:

3.1 Skrajšan opis obsega akreditacije / Brief description of the scope

- Kontrola tehtnic (1, 2, 3, 4, 5) / *Inspection of weighing instruments (1, 2, 3, 4, 5)*
- Kontrola uteži (6) / *Inspection of weights (6)*
- Kontrola meril za merjenje izpušnih plinov vozil (7, 8) / *Inspection of exhaust gas analysers (7, 8)*
- Kontrola merilnikov krvnega tlaka (9) / *Inspection of sphygmomanometers (9)*
- Kontrola merilnikov tlaka v pnevmatikah (10) / *Inspection of tire pressure measuring instruments (10)*



- Kontrola naprav z valji za preverjanje zaviralne sile (11) / *Inspection of roller brake testers (11)*
- Kontrola meril dolžine (12, 13) / *Inspection of measures of length (12, 13)*
- Kontrola parnih sterilizatorjev, avtoklavov (14) / *Inspection of steam sterilizers, autoclaves (14)*
- Kontrola opreme pod tlakom (15, 16, 17) / *Inspection of pressure equipment (15, 16, 17)*

Kopija priloge za objavo na spletnem mestu. / *Copy of attachment for web publishing.*

3.2 Podroben opis obsega akreditacije / Detailed scope of accreditation

3.2.1 LOTRIČ Meroslovje d.o.o. / LOTRIČ Metrology Ltd., Selca 163, 4227 Selca

Tabela / Table 1

Tip obsega: fiksni / Type of scope: fixed				
Št. No.	Predmet kontrole (proizvod, storitev, proces) Item of inspection (product, service, process)	Vrsta kontrole Inspection type	Metode in postopki (normativni dokumenti, interni postopki) Methods and procedures (normative documents, internal procedures)	Opombe Notes
1.	Neavtomatske tehtnice <i>Non-automatic weighing instruments</i>	- redna kontrola - izredna kontrola <i>- subsequent inspection - extraordinary inspection</i>	Pravilnik o meroslovnih zahtevah za neavtomatske tehtnice (Ur. list RS št. 25/16) <i>Rules on metrological requirements on non-automatic weighing instruments (Official Gazette of the RS No. 25/16)</i>	Nosilnosti tehtnic po točnostnih razredih: (I) do 35 kg (II) do 550 kg (III) in (III) do 100 t Kontrola tehtnic pri katerih je $n > 3000$ in nima vgrajene funkcije za interno naravnavanje samo na mestu uporabe. <i>Scale capacity with accuracy classes: (I) up to 35 kg (II) up to 550 kg (III) and (III) up to 100 t Inspections of instruments with $n > 3000$ and without built-in internal adjustment function only on site.</i>
2.	Minimalna zatehta neavtomatskih tehtnic <i>Min. weight of non-automatic weighing instruments</i>		Interno navodilo ML10K93 - 20220601 <i>Internal procedure ML10K93 - 20220601</i>	
3.	Avtomatske tehtnice za posamično tehtanje <i>Automatic catchweighing instruments</i>	- redna kontrola - izredna kontrola <i>- subsequent inspection - extraordinary inspection</i>	Pravilnik o merilnih instrumentih (Ur. list RS, št. 19/16), Priloga 8 - Avtomatske tehtnice (MI-006), II. Poglavje - Avtomatske tehtnice za posamično tehtanje <i>Rules on measuring instruments (Official Gazette of the RS, No. 19/16), Annex 8 - Automatic weighing instruments (MI-006), 2nd Chapter - Automatic catchweighing instruments</i>	Kontrola tehtnic samo na mestu uporabe. <i>Inspection is performed on site only.</i>
4.	Avtomatske gravimetrično polnilne tehtnice <i>Automatic gravimetric filling weighing instruments</i>	- redna kontrola - izredna kontrola <i>- subsequent inspection - extraordinary inspection</i>	Pravilnik o merilnih instrumentih (Ur. list RS, št. 19/16), Priloga 8 - Avtomatske tehtnice (MI-006), III. Poglavje - Avtomatske gravimetrične polnilne tehtnice <i>Rules on measuring instruments (Official Gazette of the RS, No. 19/16), Annex 8 - Automatic weighing instruments (MI-006), 3rd Chapter - Automatic gravimetric filling weighing instruments.</i>	Kontrola tehtnic samo na mestu uporabe. Nosilnost tehtnic do 2 t. <i>Inspection is performed on site only. Capacity of weighing instruments up to 2 t.</i>



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Št. No.	Predmet kontrole (proizvod, storitev, proces) Item of inspection (product, service, process)	Vrsta kontrole Inspection type	Metode in postopki (normativni dokumenti, interni postopki) Methods and procedures (normative documents, internal procedures)	Opombe Notes
5.	Tehtnice za gradbene namene Weighing instruments for construction purposes	- redna kontrola - izredna kontrola - subsequent inspection - extraordinary inspection	Pravilnik o merilnih instrumentih (Ur. list RS, št. 19/16), Priloga 8 - Avtomatske tehtnice (MI-006) Rules on measuring instruments (Official Gazette of the RS, No. 19/16), Annex 8 - Automatic weighing instruments (MI-006)	Kontrola tehtnic samo na mestu uporabe. Nosilnost tehtnic do 10 t. Inspection is performed on site only. Capacity of instruments up to 10 t.
6.	Uteži Weights	- prva kontrola - redna kontrola - izredna kontrola - initial inspection - subsequent inspection - extraordinary inspection	Pravilnik o meroslovnih zahtevah za uteži z nazivnimi masami od 1 mg do 50 kg (Ur. l. RS 20/02) Pravilnik o meroslovnih zahtevah za uteži z nazivnimi masami od 50 kg do 5000 kg (Ur. l. RS 20/02) Rules on metrological requirements on weights with nominal masses of 1 mg to 50 kg (Official Gazette of RS, No. 20/02) Rules on metrological requirements on weights with nominal masses of 50 kg to 5000 kg (Official Gazette of RS, No. 20/02)	V kontrolnem organu: uteži z nazivnimi masami točnostnih razredov: M2: 100 mg do 20 kg M1: 1 mg do 20 kg F2: 1 mg do 20 kg F1: 1 mg do 20 kg E2: 1 mg do 500 g Na terenu: uteži z nazivnimi masami točnostnih razredov: M2: 100 mg do 20 kg M1: 100 mg do 20 kg n=5000: 500 kg In Inspection Body: weights of nominal masses and accuracy classes: M2: 100 mg to 20 kg M1: 1 mg to 20 kg F2: 1 mg to 20 kg F1: 1 mg to 20 kg E2: 1 mg to 500 g On site: weights of nominal masses and accuracy classes: M2: 100 mg to 20 kg M1: 100 mg to 20 kg n=5000: 500 kg
7.	Merila za merjenje izpušnih plinov vozil Exhaust gas analysers	- redna kontrola - izredna kontrola - subsequent inspection - extraordinary inspection	Pravilnik o merilnih instrumentih (Ur. list RS, št. 19/16), Priloga 12 - Merilniki izpušnih plinov (MI-010) Rules on measuring instruments (Official Gazette of the RS, No. 19/16), Annex 12 - Exhaust gas analysers (MI-010)	Kontrola meril samo na mestu uporabe. Inspection is performed on site only.
8.	Merila za merjenje izpušnih plinov motornih vozil na kompresijski vžig Exhaust gas analysers (compression ignition)	- prva kontrola - redna kontrola - izredna kontrola - initial inspection - subsequent inspection - extraordinary inspection	Pravilnik o meroslovnih zahtevah za merila za merjenje izpušnih plinov motornih vozil na kompresijski vžig, (Ur. list RS, št. 106/01) Rules on metrological requirements on exhaust gas analysers (compression ignition) (Official Gazette of RS, no. 106/01)	Kontrola meril samo na mestu uporabe. Inspection is performed on site only.
9.	Merilniki krvnega tlaka Sphygmomanometers	- redna kontrola - izredna kontrola - subsequent inspection - extraordinary inspection	Pravilnik o postopku redne overitve merilnikov krvnega tlaka (Uradni list RS, št. 24/04, 37/06)	Kontrola v prostorih kontrolnega organa in na terenu.



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			Rules on periodical verification of blood pressure measuring devices (Official Gazette of the RS, No.24/04, 37/06)	Inspection in the premises of the inspection body and on site.
10.	Merilniki tlaka v pnevmatikah Tire-pressure measuring instruments	- prva kontrola - redna kontrola - izredna kontrola - initial inspection - subsequent inspection - extraordinary inspection	Pravilnik o meroslovnih zahtevah za merilnike tlaka v pnevmatikah (Ur. list RS, št. 15/02, 76/03) Pravilnik o meroslovnih zahtevah za merilnike tlaka v pnevmatikah, ki lahko nosijo oznake in znake EEC (Ur. list RS, št. 74/01, 79/15) Rules on metrological requirements on tire pressure measuring instruments (Official Gazette of RS, No. 15/02, 76/03) Rules on metrological requirements on tire pressure measuring instruments, with EEC marks and symbols (Official Gazette of RS, No. 74/01, 79/15)	Kontrola v prostorih kontrolnega organa in na terenu. Inspection in the premises of the inspection body and on site.
11.	Naprave z valji za preverjanje zaviralne sile Roller brake testers	- prva kontrola - redna kontrola - izredna kontrola - initial inspection - subsequent inspection - extraordinary inspection	Pravilnik o meroslovnih zahtevah za naprave z valji za preverjanje zaviralne sile (Ur. l. RS, št. 91/09) in interno navodilo: ML10K126 – 20210217 Rules on metrological requirements on roller brake testers (Official Gazette of RS, No. 91/09) and internal procedure: ML10K126 – 20210217	Kontrola na mestu uporabe. Če je potrebno, kontrola vključuje kalibracijo tehtnice in/ali merilnikov tlaka v zavornem sistemu. Inspection is performed on site only. If necessary, the inspection shall include calibration of weighing instrument and/or manometers for measuring pressure in brake system.
12.	Dolžinska merila Material measures of length	- redna kontrola - izredna kontrola - subsequent inspection - extraordinary inspection	Pravilnik o merilnih inštrumentih (Ur. list RS, št. 19/16), Priloga 10 - Opredmetene mere (MI-008), I. Poglavje – dolžinska merila Rules on measuring instruments (Official Gazette of the RS, No. 19/16), Annex 10 - Material measures (MI-008), Chapter 1 - Material measures of length	Kontrola samo v prostorih kontrolnega organa. Inspection only in the premises of the Inspection body.
13.	Stroji za merjenje dolžine žice in kabla Wire and cable length measuring instruments	- redna kontrola - izredna kontrola - subsequent inspection - extraordinary inspection	Pravilnik o merilnih inštrumentih (Ur. list RS, št. 19/16), Priloga 11 - Dimenzijska merila (MI-009), I. Poglavje - Stroji za merjenje dolžine žice in kabla Rules on measuring instruments (Official Gazette of the RS, No. 19/16), Annex 11 – Dimensional measuring instruments (MI-009), Chapter 1 - Wire and cable length measuring instruments	Kontrola v prostorih kontrolnega organa in na terenu. Inspection in the premises of the inspection body and on site.



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14.	Kontrola parnih sterilizatorjev, avtoklavov <i>Inspection of steam sterilizers, autoclaves</i>	- funkcionalna kontrola procesa sterilizacije <i>- functional inspection of sterilization process</i>	EN 285:2015+A1:2021 Sterilizacija - Parni sterilizatorji - Veliki sterilizatorji: točke 16, 17, 18 in 23; EN 13060:2014+A1:2018 Mali parni sterilizatorji <i>EN 285:2015+A1:2021 Sterilization - Steam sterilizers - Large sterilizers: points 16, 17, 18 and 23; EN 13060:2014+A1:2018 Small steam sterilizers</i>	Kontrola v prostorih kontrolnega organa, v prostorih kontrolnega organa, PE Železniki in na terenu. <i>Inspection in the premises of the inspection body, in the premises of the inspection body, PE Železniki and on site.</i>

Tabela / Table 2

Tip obsega: fikсни / Type of scope: fixed				
Št. No.	Predmet kontrole (proizvod, storitev, proces) Item of inspection (product, service, process)	Vrsta kontrole Inspection type	Metode in postopki (normativni dokumenti, interni postopki) Methods and procedures (normative documents, internal procedures)	Opombe Notes
15.	Kurjena ali drugače ogrevana oprema pod tlakom z nevarnostjo pregrevanja: - parni sterilizatorji*, - avtoklavi* * neposredno ogrevani in pripadajoča varovalna in druga oprema. <i>Fired or otherwise heated pressure equipment with risk of overheating: - steam sterilizers* - autoclaves* * directly heated and associated safety and other equipment.</i>	- uvodna kontrola - redna kontrola - izredna kontrola <i>- initial inspection - subsequent inspection - extraordinary inspection</i>	Pravilnik o pregledovanju in preskušanju opreme pod tlakom (Ur. list RS št. 92/08, člen 17) in interno navodilo: ML10K80 - 20230710 <i>Rules on examination and testing of pressure equipment (Official Gazette of the RS, No. 92/08, Article 17)</i> and internal procedure: ML10K80 - 20230710	Kontrola kurjene opreme za skupini 1 in 2 Priloge I Pravilnika. Kontrola se izvaja na terenu in lahko vključuje zunanji pregled, notranji pregled in tlačno-trdnostni preskus ter funkcionalne in druge preglede pripadajoče opreme. <i>Inspection of fired equipment for Groups 1 and 2 of Annex I of the National regulation.</i> <i>Inspection is performed on site and could include internal and external examination and pressure test and functional and other inspections of associated equipment.</i>
16.	Tlačne posode: - enostavne tlačne posode - za zrak in dušik in pripadajoča varovalna in druga oprema.	- uvodna kontrola - redna kontrola - izredna kontrola	Pravilnik o pregledovanju in preskušanju opreme pod tlakom (Ur. list RS št. 92/08, člen 17) in interno navodilo: ML10K94 - 20220817	Kontrola tlačnih posod za skupino 5 Priloge I Pravilnika. Kontrola se izvaja na terenu in lahko vključuje zunanji pregled, notranji pregled in tlačno-trdnostni preskus ter funkcionalne in druge preglede pripadajoče opreme.



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	Pressure vessels: - simple pressure vessels - for air and nitrogen and associated safety and other equipment.	- initial inspection - periodic inspection - extraordinary inspection	Rules on examination and testing of pressure equipment (Official Gazette of the RS, No. 92/08, Article 17) and internal procedure: ML10K94 - 20220817	Inspection of pressure vessels for Group 5 of Annex I of the National regulation. Inspection is performed on site and could include internal and external examination and pressure test and functional and other inspections of associated equipment.
17.	Varovalna oprema - varnostni ventil Protection equipment: - safety valves	- kontrola nastavitve - inspection of functionality	Interno navodilo: ML10K81 – 20230710 Internal procedure: ML10K81 – 20230710	Kontrola na terenu. Inspection on site.

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Datum / Date: 8.5.2024

Direktor / Director
dr. Boštjan Godec

Kopija priloge k akreditacijski listini za objavo na spletnem mestu.
Podpisani original priloge na vpogled na sedežu SA.

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