**Certifikacijska shema Modul G: Skladnost na podlagi neposredne overitve posamičnega merila**

*Certification scheme Module G: Conformity based on unit verification*

1. **ZAHTEVE IN VODILA**

***CRITERIA AND GUIDELINES***

**Zahteve za certificiranje**

***Certification criteria***

**Pravilnik o merilnih instrumentih (Uradni list RS, št. 19/16), ki povzema Direktivo o merilnih instrumentih 2014/32/EU (MID)**

***Measurement Instrument Directive 2014/32/EU (MID)***

Zahteve za postopek ugotavljanja skladnosti

*Requirements for a conformity assessment procedure*

* Priloga 2, Modul G: Skladnost na podlagi neposredne overitve posamičnega merila

*Annex II, Module G: Conformity based on unit verification*

Zahteve za proizvedena merila

*Requirements for measuring instruments produced*

* Merilni sistemi za zvezno in dinamično merjenje količin tekočin razen vode, Priloga 1 in Priloga 7 (MI-005)

*Measuring system for the continuous and dynamic measurement of quantities of liguids other than water, Annex I and Annex VII (MI-003)*

* Avtomatske tehtnice za posamično tehtanje, Priloga 1 in Priloga 8 (MI-006 II)

*Automatic catchweighers, Annex I and Annex VIII (MI-006)*

* Avtomatske gravimetrične polnilne tehtnice, Priloga 1 in Priloga 8 (MI-006 III)

*Automatic gravimetric filling instruments, Annex I and Annex VIII (MI-006)*

* Tehtnice s seštevanjem nezveznih rezultatov tehtanja, Priloga 1 in Priloga 8 (MI-006 IV)

*Discontinuous totalisers, Annex I and Annex VIII (MI-006)*

* Tehtnice s seštevanjem zveznih rezultatov tehtanja, Priloga 1 in Priloga 8 (MI-006 V)

*Continuous totalisers, Annex I and Annex VIII (MI-006)*

* Tehtnice za tehtanje premikajočih se tirnih vozil, Priloga 1 in Priloga 8 (MI-006 VI)

*Rail-weighbridges, Annex I and Annex VIII (MI-006)*

**Pravilnik o meroslovnih zahtevah za neavtomatske tehtnice (Uradni list RS, št. 25/16), ki povzema Direktivo o neavtomatskih tehtnicah 2014/31/EU (NAWI)**

***NAWI Directive 2014/31/EU (NAWI)***

Zahteve za postopek ugotavljanja skladnosti

*Requirements for a conformity assessment procedure*

* Priloga 2, Modul G: Skladnost na podlagi neposredne overitve posamičnega merila

*Annex II, Module G: Conformity based on unit verification*

Zahteve za proizvedena merila

*Requirements for measuring instruments produced*

* Priloga 1, Priloga 3

 *Annex I and Annex III*

**Harmonizirani standardi oziroma normativni dokumenti za merilne instrumente**

***Harmonised standard and normative documents for measuring instruments***

* SIST EN 45501:2015 Meroslovni vidiki neavtomatskih tehtnic
* OIML R 117-1 (2007) Dynamic measuring systems for liquids other than water
* OIML R 51-1 (2006) Automatic catchweighing instruments
* OIML R 61-1 (2004) Automatic gravimetric filling instruments
* OIML R 107-1 (2019) Discontinuous totalizing automatic weighing instruments
* OIML R 50-1 (2014) Continuous totalizing automatic weighing instruments
* OIML R 106-1 (2011) Automatic rail-weighbridges

**Korespondenčne tabele**

***Correcponding tables***

* CT-005 Corresponding Tables Measuring system for the continuous and dynamic measurement for quantities of liquids other then water - OIML R 117-1, 2019 - 2004/22/EC MI-005
* CT-006-II Corresponding Tables Automatic Catchweighing Instruments - OIML R 51-1, 2006 - 2004/22/EC MI-006 II
* CT-006-III Corresponding Tables Automatic Gravimetric Filling Instruments - OIML R 61-1, 2004 - 2004/22/EC MI-006 III
* CT-006-IV Corresponding Tables Discontinuous Totalisers - OIML R 107-1, 1997 - 2004/22/EC MI-006 IV
* CT-006-V Corresponding Tables Continuous Totalisers - OIML R 50-1, 1997 - 2004/22/EC MI-006 V
* CT-006-VI Corresponding Tables Automatic Rail Weighbridges OIML R 106-1 1997 – MID 2004/22/EC MI-006 VI

**Vodila za tolmačenje zahtev za merilne instrumente**

***Guide for interpretation of critera for measuring instruments***

* WELMEC 2 Directive 90/384/EEC: Common Application
* WELMEC 2.3 Guide for Examining Software (Weighing Instruments)
* WELMEC 2.4 Guide defining non-critical constructions for NAWI and AWI
* WELMEC 2.6 Guide for the testing of automatic catchweighing instruments
* WELMEC 2.8 Guide for Conversion of NAWI (Indicators) Test Results for AWI Purposes
* WELMEC 2.10: Technical Implementation of the Modular Approach
* WELMEC 7.2 Software Guide (Measuring Instruments Directive 2014/32/EC)
* WELMEC 10.2 Guide to Metrological Devices for Transferring Measured Quantities (DTMQ) associated to bottom loading measuring systems
* WELMEC 10.5 Guide for Common Application of Marking of Fuel Dispensers
* WELMEC 10.6 Guide for Sealing of Fuel Dispensers (Measuring Systems for Liquids other than Water)
* WELMEC 10.8 Guide for common application of MID MI-005 and OIML R 117-1, (R 81, R 80, R 139)
* WELMEC 10.10 Guide on evaluating purely digital parts
* WELMEC 10.12 Testing Meter Sensors Guideline for Assessing and Testing MI-005 Meter Sensors
* WELMEC 10.14 Guide for Evaluating a Pre-setting Device for Fuel Dispensers (MI-005)
1. **NALOGE PROIZVAJALCA IN PRIGLAŠENEGA ORGANA**

***Responsibilities of the manufacturer and the notified body***

**Naloge proizvajalca**

* pripravi tehnično dokumentacijo, ki zajema zasnovo, proizvodnjo in delovanje merila,
* zagotovi in izjavi, da merilo izpolnjuje ustrezne zahteve.

**Naloge proizvajalca ali njegovega pooblaščenega predstavnika**

* vloži zahtevek za certifikat o skladnosti,
* na merilo namesti oznako CE, dodatno meroslovno oznako in identifikacijsko številko priglašenega organa,
* sestavi izjavo EU o skladnosti,
* na razpolago organom nadzora hrani kopijo izjave EU o skladnosti in tehnične dokumentacije.

**Naloge priglašenega organa MIRS:**

* izvede ustrezne preglede in preskuse, ali jih da izvesti, da preveri skladnost merila z ustreznimi zahtevami,
* nadzira namestitev številke priglašenega organa,
* hrani spisek pomembnih tehničnih dokumentov,
* izda certifikat o skladnosti o izvedenih pregledih,
* obvesti druge priglašene organe o potrebnih informacijah.

***The manufacturer shall:***

* *establish the technical documentation on the design, manufacture and operation of the measuring instrument,*
* *guarantee and declare that the instrument satisfy the applicable requirements.*

***The manufacturer or its authorised representative shall***

* *submit application for a conformity certificate,*
* *affix the CE marking the supplementary metrology marking and the identification number of the notified body to the individual measuring instrument,*
* *submit a declaration of conformity,*
* *keep a copy of the conformity declaration and the technical documents at the disposal of the surveillance authorities.*

***Notified body MIRS shall:***

* *examine the instrument and carry out the appropriate tests, or has them carried out, to check the conformity of the product to the relevant specified requirements,*
* *supervise the affixing of its identification number,*
* *store a register of important technical documentation,*
* *issue a conformity certificate for the examinations performed,*
* *provide other notified bodies, upon their request, with the required information.*
1. **VRSTE POSTOPKOV**

***Types of procedures***

Pri **neposredni overitvi posamičnega merila (po modulu G)** se pregleda tehnično dokumentacijo merila ter izvede (ali da izvesti) ustrezne preglede in preskuse z namenom izdaje certifikata o skladnosti za zadevno merilo.

1. **OPIS PROCESA**

***PROCESS DESCRIPTION***

| **Neposredna overitev posamičnega merila** | Opombe |
| --- | --- |
| Sprejem vloge, odprtje zadeve |  |
| Formalni pregled zahteve | V primeru neustreznosti poziv za dopolnitev vloge.Sklep o zavržbi, če vloga ni dopolnjena ali sklep o ustavitvi postopka na zahtevo proizvajalca. |
| Vsebinski pregled dokumentacije | V primeru neustreznosti poziv za dopolnitev vloge. |
| Plan preskušanja | Potrditev pogodbenika, če pregleda ne izvede Urad. |
| Pregled merila | V primeru neustreznosti poziv za izvedbo korektivnih ukrepov. |
| Poročilo o vrednotenju |  |
| Priporočilo za odločitev |  |
| Izdaja certifikata o skladnosti | Odločba o zavrnitvi, če merilo ne izpolnjuje zahtev. |