



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 in 98/23), 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 liquids other than water, Annex I and Annex VII (MI-005)
- 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 (2019) 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

Corresponding tables

- CT-005 Corresponding Tables Measuring system for the continuous and dynamic measurement for quantities of liquids other than 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 criteria 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 10.11 Compatibility Sheet – Guideline for Manufacturer to Establish Compatibility Sheets for MI-005 Measuring Instruments
- 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)
- WELMEC 10.15 Process range of liquid flow meters

2. NALOGE PROIZVAJALCA IN PRIGLAŠENEGA ORGANA

RESPONSIBILITIES OF THE MANUFACTURER AND THE NOTIFIED BODY

Naloga proizvajalca

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

Naloga 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.

Naloga 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.

3. 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.

4. 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.