ITE
INSTITUTO TECNOLÓGICO DE
LA ENERGÍA

Transition from the WELMEC guide 7.2 Ed. 6 (2015) to the WELMEC guide 7.2 Ed. 8 (2019) regarding to the conformity of legally relevant software with the software requirements established under Directive 2014/32 / EU (MID)

This information sheet is intended for manufacturers with measuring instruments certified and/or to certify by ITE and it describes the reference documentation used by the Notified Body no. 1964 and the Metrological Control Body no. 09-OC-0002, hereinafter referred as ITE, for the transition from the WELMEC guide 7.2 Ed.6 (2015) to the WELMEC guide 7.2 Ed.8 (2019) regarding the conformity of the legally relevant software with the software requirements established under Directive 2014/32 / EU (MID) for modules B and F.

REFERENCES

• Reference documentation for new certifications and changes in existing certifications in relation to modules B and F requested from ITE from 06/04/2020.

  - WELMEC 7.2 Guide (2019) Software Guide (Directive 2014/32/EU on Measuring Instruments)

• Reference documentation for ongoing certifications.

  - WELMEC 7.2 Guide (2015) Software Guide (Directive 2014/32/EU on Measuring Instruments)

• Reference documentation for certifications already issued.

  No adaptation is required in modules B and F certifications already issued by ITE.

Main changes introduced by the WELMEC guide 7.2:2019

Editorial changes concerning translation comparison, clarification of the application of extension T and corrections in P6, T2, T6 y L2 paragraphs.

Reorganization between "Acceptable Solutions" and "Specifying Notes" on each requirement.

The specific annex 10.3 Active Electrical Energy Meters have been completely revised.

Chapter 11.1 "Information to be included in the type examination certificate" adapted.

Adaptation of the ITE questionnaire software certification process performed by ITE from WELMEC guide 7.2: 2015 to the WELMEC guide 7.2: 2019

  Documentation
  - Descriptions of how the measurement results that serves as the basis of the user pay are shown, with no possibility of confusion between them. (Paragraph 6.3)
  - Description of protection means against resetting the totalizers energy registers (Paragraph 6.5)

- The documentation should indicate if the measurement data are generated only by the legally relevant software. If not, must be described how authenticity data is guaranteed. (Paragraph 6.8)
- Description about the capability of being traced back to a measurement to the measurement that has generated a measurement data. (Paragraph 6.8)
- During software installation, measurement process should be inhibited for no longer than one minute in total. (Paragraph 6.9)

Functional tests
- Verification that performing a reset leaves evidence of said intervention (Paragraph 6.5).
- Functional test to check that the presentation of the measurement data is easily recognizable from any other information that may be presented and that the presented measurement data are correctly associated with their respective origin (Paragraph 6.8).