

# Annex to application for conformity assessment of Taximeters in accordance with MID

*This is Annex No. 1*

Dated:

To application dated:

Company

Signed


## Documentation required (to be completed by applicant) for testing (modul B) of a Taximeter

Note: All documentation must be equipped with date and or revision, which is to be updated in case of a new version.

### *Usage and design*

<u>Documentation with reference to the directive 2014/32/EU</u>	<u>Reference</u>	<u>RISE note</u>
<p>General description of the instrument (article 18, clause 3a of MID)</p> <p>Note: Including how different parts are connected to each other, if the system consists of several parts and how the system is to be installed in a car. It will have to be specified in the documentation that the taximeter must be directly connected to the battery of the car.</p>		
<p>Technical specifications (circuit diagram, layout and component list etc.) (article 18, clause 3b of MID)</p> <p>Information regarding potential risks:</p> <p>a) What risks regarding fraudulent use have you identified?</p> <p>b) Description of methods that have been used in order to prevent fraudulent use?</p> <p>c) Have you identified other risk factors and if yes, what methods have been used to prevent from them? (Annex II, clause 3c of MID)</p>		
<p>Condition for compatibility with interfaces and sub-assemblies (article 18, clause 5 of MID) Note: see article 4 regarding definition of sub-assembly</p>		
<p>User manual (article 18, clause 3e and Annex I, clause 9.3 of MID)</p> <p>Note 1: If country specific concepts are used, they will have to be explained. It will be assumed that the manual can just be translated to other languages.</p> <p>Note 2: The words for the modes “For hire”, “Hired” and “Stopped” must coincide with the words implemented in the country specific law (see clause 4 of Annex IX (MI-007))</p> <p>Note 3: E.g. when giving information regarding how to check the accuracy, find the totals, see the change log, see the taximeter version etc. it should be written in order for a driver to find in case of an authority check. See e.g. clause 7.6 of Annex I, clauses 4, 15.1 and 18 of Annex IX (MI-007), for information that must be possible to find with the help from the manual</p> <p>Note 4: If the time can be corrected, the manual shall include information how to do it (clause 22 of Annex IX (MI-007)).</p>		

# Annex to application for conformity assessment of Taximeters in accordance with MID

## Usage and design (continued)

<u>Documentation with reference to the directive 2014/32/EU</u>	<u>Reference</u>	<u>RISE note</u>
<p>User manual (article 18, clause 3e and Annex I, clause 9.3 of MID) (continued)</p> <p>Note 5: Information how to read the value of the real-timeclock shall be included if it is not visible all the time (clause 22 of Annex IX (MI-007)).</p> <p>Note 6: If a heat sensitive printer paper is used information regarding how to store the paper is to be included.</p>		
<p>Installation manual (clause 19 of Annex IX (MI-007)) Note 1: see note regarding user manual</p> <p>Note 2: If the user's manual and installation manual are separate documents they must refer to each other for complete information.</p>		
Limits of the DC supply that the instrument has been designed for (clause 1.3 of Annex I and clause 6.2 of Annex IX (MI-007))		
<p>Upper and lower temperature limit for usage (clause 1.3 of Annex I and clause 6.2 of Annex IX (MI-007))</p> <p>Note: The information must be given in the user's manual.</p>		
Information regarding what kind of RTC that is used and how the battery back-up is managed.		
Information regarding the severity of time and resistance respectively that the taximeter has been constructed to manage when it comes to test pulse 5 level IV, standard ISO 7637-2 (clause 1.3.3a of Annex I).		
<p>Drawings of markings or equivalent information (article 18, clause 4 and clauses 9.1 and 9.5 of Annex I) See also clause 9.8 of Annex I regarding requirements of marking. Note: 9.5 does not have to be a marking . It can instead be visible on the display.</p>		
<p>Estimation of how long time the taximeter is designed to maintain an adequate stability of its metrological characteristics (clause 5 of Annex I and clause 21 of Annex IX (MI-007)) Note: Including what kind of memories that are used.</p>		
<p>Measurement range/Maximum amount of fare Note: The information is valid both for displayed values and for stored values</p>		
Information regarding how the totalised values are stored for one year if disconnected from power, including what kind of memory that is used (clause 15.2 of Annex IX (MI-007))		
Information how to change between the two calculation modes S and D and how to secure the setting (clause 3 of Annex IX (MI-007))		
Information regarding when an automatic change of tariffs can occur (clause 16 of Annex IX (MI-007)).		
Information regarding if change between summer and winter time is performed automatically (clause 22 of Annex IX (MI-007)).		

## *Usage and design (continued)*

<u>Documentation with reference to the directive 2014/32/EU</u>	<u>Reference</u>	<u>RISE note</u>
Results of design calculations, examinations, etc (article 18, clause 3h of MID) Note: The clause is valid if previous examinations, testings etc. have been carried out and it is always valid in case of module H1)		
Information regarding in which countries the taximeter is intended to be used and necessary requirements for the usage in these countries (clause 4 of Annex IX (MI-007))		

## *Suitability and protection*

<u>Documentation with reference to the directive 2014/32/EU</u>	<u>Reference</u>	<u>RISE note</u>
Description of how the suitability question is solved (clause 7 of Annex I)		
Description of how protection against corruption is solved including sealing (article 4, clause 8 of Annex I, clauses 5, 14 and 17 of Annex IX (MI-007)) Note 1: Description of mechanical sealing must be given in the installation manual.  Note 2: The description must also include information regarding how the software and the tariffs can be changed and how the time of the change can be seen.		
Description of how the conditions for the compatibility between the taximeter and the distance signal generator is solved (clause 10 of Annex IX (MI-007)) Note: Information must be given in the installation manual.		

## *Software evaluation*

<u>Documentation with reference to the directive 2014/32/EU</u>	<u>Reference</u>	<u>RISE note</u>
Programme source code with software description and software identification (article 18, clause 3d of MID)		
Functional description of instrument (WELMEC 7.2, clause 4.2 or 5.2)		
Extension L: Long-term Storage of Measurement Data (WELMEC 7.2, clause 6.2)		
Extension T: Transmission of Measurement Data via Communication Networks (WELMEC 7.2, clause 7.2)		
Extension S: Software Separation (WELMEC 7.2, clause 8.2)		
Extension D: Download of Legally Relevant Software (WELMEC 7.2, clause 9.2)		
Extension I: Instrument Specific Software (WELMEC 7.2, clause 10.7)		
Description of differences between the source codes or parameters if the taximeter is intended to be used in different countries.		

**Other documentation**

<u>Documentation with reference to the directive 2014/32/EU</u>	<u>Reference</u>	<u>RISE note</u>
A list of the standards and/or normative documents referred to in introduction point 25 and point 27 of MID, applied in full or in part (article 18, clause 3f of MID)		
Description of the solutions adopted to meet the essential requirements where the standards and/or normative documents referred to in introduction point 25 and point 27 have not been applied (article 18, clause 3g of MID)		
The EC-type examination certificates or EC design examination certificates in respect of instruments containing parts identical to those in the design. (article 18, clause 3j of MID)		