

Annex to application for conformity assessment of Electricity meters in accordance with MID

This is Annex No. 1

Dated:

To application dated:

Company

Signed

Documentation required (to be completed by applicant) for testing of an Electricity Meter meter

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 according to MID article 18</u>	<u>Reference</u>	<u>RISE note</u>
General description of the instrument, base configuration and variants		
Conceptual design and manufacturing drawings and plans of components, sub-assemblies, circuits, etc.;		
If applicable, a description of the electronic devices with drawings, diagrams, flow diagrams of the logic and general software information explaining their characteristics and operation;		
Descriptions and explanations necessary for the understanding of the information referred to above, including the operation of the measuring instrument;		
A list of the standards and/or normative documents referred to in Article 14 of MID, applied in full or in part (clause 3f)		
Descriptions of the solutions adopted to meet the essential requirements where the harmonised standards and/or normative documents referred to in Article 14 have not been applied, including a list of other relevant technical specifications applied;		
Results of design calculations, examinations, etc.;		
The appropriate test results, where necessary, to demonstrate that the type and/or the measuring instruments comply with the following: — the requirements of this Directive under declared rated operating conditions and under specified environmental disturbances,		
The EU-type examination certificates or EU design examination certificates in respect of measuring instruments containing parts identical to those in the design.		

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Usage and design (continued.)

<u>Documentation according to to MID article 18</u>	<u>Reference</u>	<u>RISE note</u>
User manual (installation practices or operation constraints, configuration, programming, access to metrological software identification, adjustment instruction etc)		
Assembly drawings, material specification and data for hydraulic components		
Block diagram for the complete electronics, showing the function of the electronic devices 3d		
Functional description, assembly drawing, circuit diagram and part list for electronic parts		
Information to be borne by and to accompany the instrument (clause 9 of annex I) including marking and instructions for use and installation		

Suitability and protection

<u>Documentation</u>	<u>Reference</u>	<u>RISE note</u>
Description of how the suitability question is solved (clause 7 of annex I)		
The manufacturer shall specify where seals and markings have been applied		
Description of how protection against corruption is solved including sealing (clause 8 of annex I)		
The manufacturer shall indicate the conditions for compatibility with interfaces and sub-assemblies, where relevant.		
Adequate analysis and assessment of the risk(s) (MID module B, 3c)		

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Specific documents

<u>Documentation</u>	<u>Reference</u>	<u>RISE note</u>
Voltage range(s)		
Current range(s), Ist, Imin, Itr, Imax		
Connection mode(s)		
Temperature range		
Condensing conditions		
Open or closed location		
Auxiliary devices, optional or not		
Handling of energy direction		
Information regarding how the totalised values are stored for one year if disconnected from power		
Drawings of markings or equivalent information (clause 4 of MID)		
Identity marking		
Conditions for fulfilling the repeatability requirements		
Any special conditions of use		