

# Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R106

*This is Annex No. 1*

Dated:

To application dated:

Company

Signed


## Documentation required (to be completed by applicant) for testing of an automatic catchweighing instrument

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

Numbers in slashes /.../ refer to the OIML R106-1 (edition 2011).

### Also needed

A written application concerning type examination for the weighing instrument containing:

	<u>Reference</u>	<u>RISE note</u>
Producers name and address and if applicable also for the representative.		
Content of the application		
A written declaration that the standard OIML R106 has been adopted at the construction of the weighing instrument (see point 5).		
A written declaration that the weighing instrument cannot be disturbed or manipulated via the weighing instruments interface /4.3.6/. Alt referring to TC for the electronic unit.		
A list of the standards and/or normative documents referred to in Article 14 of MID, applied in full or in part (clause 3f)		

### 1. General description

	<u>Reference</u>	<u>RISE note</u>
<b>1.1</b> General description of the type		
<b>1.2</b> Composition /3.1/		

### 2. Intended purpose of use

	<u>Reference</u>	<u>RISE note</u>
Intended purpose of use, kind of weighing instrument		

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### 3. General characteristics /2, 3.6/

	<u>Reference</u>	<u>RISE note</u>
3.1 Applicant		
3.2 Manufacturer		
3.3 Importer		
3.4 Type		
3.5 Accuracy class		
3.6 Maximum wagon weight		
3.7 Minimum wagon weight		
3.8 Minimum capacity		
3.9 Maximum capacity		
3.10 Operating speed		
3.11 Maximum transit speed		
3.12 Scale interval (d)		
3.13 Electrical power supply		
3.14 Full draught or number of partial weighing per wagon		
3.15 To be used for weighing liquid products		
3.16 Wagons pushed/pulled		

### 4. List of descriptions and characteristics data of all devices incorporated in the instrument

	<u>Reference</u>	<u>RISE note</u>
4.1 Suitability /3.2/		
4.2 Instrument designed to weigh, uncoupled or both uncoupled and coupled wagons /5.1.3.1/		
4.3 Instrument as a nonautomatic weighing instrument /2.10, 3.3.4/		
4.4 Uncoupled wagon weighing /3.3.3/		
4.5 Zero-setting device /3.3.5/		
4.6 Indicating and printing devices /3.4/		
4.7 Printing cont. /3.4.4, 3.4.5/		
4.8 Installation /3.5/		
4.9 Presentation of descriptive markings /3.6/		
4.10 Verification marks /3.7/		
4.11 Disturbances, application /4.1.2, 4.2/		
4.12 Acting upon a significant fault /4.3.1/		
4.13 Switch-on procedure /4.3.2/		

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*List of descriptions and characteristics data of all devices incorporated in the instrument (continued)*

	<u>Reference</u>	<u>RISE note</u>
<b>4.14</b> Warm-up time /4.3.5/		
<b>4.15</b> Interfaces: Type(s), intended use, immunity to external influences instructions /4.3.6/.		
<b>4.16</b> Interfaces: Peripheral devices presented to be connected for the disturbance tests		
<b>4.17</b> Peripheral devices, e.g. printers, remote displays, that are to be included in the type approval certificate.		
<b>4.18</b> Power supply /4.3.7, 4.3.8/		
<b>4.19</b> Software, ID, version number and how to see it.		
<b>4.20</b> Other devices or functions, e.g. for purposes other than determination of mass (not subject to conformity assessment).		

## **5. Information concerning special cases**

	<u>Reference</u>	<u>RISE note</u>
<b>5.1</b> Subdivision of the instrument in modules - e.g. load cells, mechanical system, indicator, display - indicating the functions of each module and the fraction $p_i$ of the maximum permissible errors.		
<b>5.2</b> For modules that have already been approved, reference to test certificates or type approval certificates /5.1.3.2/.		
<b>5.3</b> Any other special information.		

## **6. Conceptual designs, drawings and plans of components, sub-assemblies, electric circuits etc., in particular of**

	<u>Reference</u>	<u>RISE note</u>
<b>6.1</b> Operation description		
<b>6.2</b> Load receptor		
<b>6.3</b> Lever systems		
<b>6.4</b> Devices to apply the force to the load cells		
<b>6.5</b> Electrical connection elements, e.g. for connecting load cells to the indicator		
<b>6.6</b> Load cells		
<b>6.7</b> Block diagram, including a technical description of the construction		
<b>6.8</b> Drawing of the main plate		
<b>6.9</b> Samples of all intended print-outs		
<b>6.10</b> Presentation of the instrument (drawing or photo) showing where verification and securing marks are to be applied		

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## 7. Declarations

	<u>Reference</u>	<u>RISE note</u>
Declarations whether OIML R106 has been fully applied. For <u>deviations</u> , reference should be made to the corresponding points in in OIML R106, and also to the corresponding points in sections 2 and 3 of the documentation.		

## 8. Test reports

	<u>Reference</u>	<u>RISE note</u>
Test reports from other laboratories.		

## 9. Certificates

	<u>Reference</u>	<u>RISE note</u>
9.1 Certificates of other EC type approvals or separate tests, relating to modules or other parts mentioned in the documentation..		
9.2 A written confirmation from the owner of the above mentioned certificate that the applicant may refer to the certificate.		

## 10. In-motion tests

<u>Documentation according to MID, article 18</u>	<u>Reference</u>	<u>RISE note</u>
10.1 In-motion tests /5.1.3.1/		
10.2 Separat or integral verification /2.8.3/		
10.3 Place of testing /5.2.4/		

## 11. Suitability and protection

<u>Documentation according to MID, article 18</u>	<u>Reference</u>	<u>RISE note</u>
<b>11.1</b> Description of how the suitability question is solved (clause 7 of annex I)		
<b>11.2</b> Description of how protection against corruption is solved including securing (clause 8 of annex I)		
<b>1.3</b> Has the Welmec guide 7.2 (software guide) been applied?		
<b>11.4</b> Software documentation according to WELMEC 7.2		
<b>11.5</b> Adequate analysis and assessment of the risk(s) (MID module B, 3c)		