Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R107

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 OIML R107-1 (edition 2007).

Also needed

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

	Reference	*RISE note*
Producers name and address and if applicable also for the representative.		
A written declaration that the weighing instrument cannot be disturbed or manipulated via the weighing instruments interface /4.2.6/.		
A list of the standards and/or normative documents referred to in Article 14 of MID, applied in full or in part (clause 3f)		
Description of the solutions adopted to meet the essential requirements where the standards and/or normative documents referred to in article 14 have not been applied (clause 3g)		
Producers name and address and if applicable also for the representative.		

1. General description

1.1. General description of type

	Reference	*RISE note*
General description of type		

1.2. Intended purpose of use

	Reference	*RISE note*
Intended purpose of use, kind of weighing instrument		

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1.3. General characteristics / 3.9/

	Reference	*RISE note*
1.3.1 Applicant		
1.3.2 Manufacturer		
1.3.3 Type (model) designation		
1.3.4 Accuracy class, 0.2, 0.5, 1 or 2 /2.2.1/		
1.3.5 Maximum capacity /T.3.3.1/		
1.3.6 Minimum capacity, Min /2.2.2/		
1.3.7 Min totalized load, ∑min /T.3.3.2, 2.5/		
1.3.8 Totalization scale interval, d_t /T.3.1.1, 2.4/		
1.3.9 Control scale interval, d /T.3.1.2/		
1.3.10 Power supply (voltage, frequency)		
1.3.11 Working fluid pressure (if applicable)		
1.3.12 Max rate of operation (t/h) /2.9.1.2/		

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

	Reference	*RISE note*
2.1 Automatic weighing conditions /3.2.5/[1]		
2.2 Operational adjustments /3.2.7/[1]		
2.3 Zero-setting device /3.8/[1]		
2.4 Control indicating devices /3.4/[1]		
2.5 Quality of indication /3.4.1/[1]		
2.6 Supplemenaty totalization indicating devices /T.4.3.3/[1]		
2.7 Means for securing components, controls etc. /3.6/[1]		
2.8 Stable equilibrium of static weighing /3.2.10/.[1]		
2.9 Interlocks /3.2.11/[1]		
2.10 Interfaces: Type(s), intended use, immunity to external influences instructions /4.2.6/.[1]		
2.11 Interfaces: Peripheral devices presented to be connected for the disturbance tests .		
2.12 Peripheral devices, e.g. printers, re mote displays, that are to be included in the evalution/certificate		
2.13 Other devices or functions, e.g. for purposes other than determination of mass (not subject to conformity assessment).		

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3. *Information concerning special cases*

	Reference	*RISE note*
3.1 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. /5.1.4.1/[1]		
3.2 For modules that have already been approved, reference to test certificates or type approval certificates /5.1.4/.[1]		
3.3 Reaction of the indicator to significant fault / T.4.7, 4.1.2, 4.2.1/.[1]		
3.4 Functioning of the display after switch-on /4.2.2/.[1]		
3.5 Any other special information.		

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

	Reference	*RISE note*
4.1 Load receptor		
4.2 Lever systems and material of the levers		
4.3 Devices to apply the force to the load cells		
4.4 Electrical connection elements, e.g. for connecting load cells to the indicator		
4.5 Load cells		
4.6 Block diagram, including a technical description of the construction		
4.7 Schematic circuits		
4.8 operating instructions/ manual		
4.9 Drawing of the main plate /3.9/[1]		
4.10 Examples of all intended print-outs		
4.11 Presentation of the instrument (drawing or photo) showing where verification and securing marks are to be applied /3.3.1/[1]		

5. *Declarations*

	Reference	*RISE note*
Declarations whether OIML R107 has been fully applied. For deviations, reference should be made to the corresponding points in in OIML R10, and also to the corresponding points in sections 2 and 3 of the documentation.		

6. *Test reports*

	Reference	*RISE note*
Test reports from other laboratories.		

7. Suitability and protection

Documentation according to MID	*Reference*	*RISE note*
7.1 Description of how the suitability question is solved (clause 7 of annex I)		
7.2 Description of how protection against corruption is solved including securing (clause 8 of annex I)		
7.3 Has the Welmec guide 7.2 (software guide) been applied?		
7.4 Software documentation according to WELMEC 7.2		
7.5 Adequate analysis and assessment of the risk(s) (MID module B, 3c)		