

Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R51

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 R51-1 (edition 2006).

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.		
A written declaration that the standard OIML R51 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 (point 4.2.4 in the standard).		
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)		

1. General description

1.1. General description of type

	<u>Reference</u>	<u>RISE note</u>
General description of type		

1.2. Intended purpose of use

	<u>Reference</u>	<u>RISE note</u>
Intended purpose of use, kind of weighing instrument (e.g. checkweigher, price labelling, front loader, garbage weighing).		

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1.3. General characteristics /3.8/

	<u>Reference</u>	<u>RISE note</u>
1.3.1 Applicant		
1.3.2 Manufacturer		
1.3.3 Type		
1.3.4 Accuracy class, X(x) or Y(a) or Y(b) /2.2.1/		
1.3.5 Maximum number of verification scale intervals, n /2.2.1/		
1.3.6 Maximum rate of operation, loads/min (if applicable) /3.11.1/		
1.3.7 Maximum speed of load transport system, m/s /3.11.1/		
1.3.8 Maximum capacity, Max		
1.3.9 Minimum capacity, Min /2.2.2/		
1.3.10 Verification scale interval, e /2.2.1/		
1.3.11 Scale interval, d /2.4/		
1.3.12 Maximum tare effect, T		
1.3.13 Power supply (voltage, frequency)		
1.3.14 Working fluid pressure (if applicable)		
1.3.15 Temperature range etc. /2.9.1.2/		

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

	<u>Reference</u>	<u>RISE note</u>
2.1 Means for securing components, controls etc. /3.2/.		
2.2 Place for application of verification and related marks /3.11/.		
2.3 Adjustment devices /3.2.3/.		
2.4 Software information, identification, command for checking id.		
2.5 Printing devices /3.4.3/.		
2.6 Zero-setting, zero-tracking devices /3.5.1-2/.		
2.7 Tare devices /3.6/.		
2.8 Pre-set tare devices /3.7/.		
2.9 Levelling device and level indicator, maximum value of tilt /2.9.3/.		
2.10 Functions of price-calculation instruments) /3.10/		
2.11 Price labelling /3.10 /.		
2.12 Interfaces: Type(s), intended use, immunity to external influences instructions /4.2.4/.		

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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>
2.13 Interfaces: Peripheral devices presented to be connected for the disturbance tests .		
2.14 Peripheral devices, e.g. printers, remote displays, that are to be included in the type approval certificate..		
2.15 Other devices or functions, e.g. for purposes other than determination of mass (not subject to conformity assessment).		

3. Information concerning special cases

	<u>Reference</u>	<u>RISE note</u>
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 pi of the maximum permissible errors.		
3.2 For modules that have already been approved, reference to test certificates or type approval certificates /5.2.3.4/.		
3.3 Reaction of the indicator to significant fault / T.4.7, 4.1.3, 4.2.2/.		
3.4 Functioning of the display after switch-on /4.2.1/.		
3.5 Any other special information.		

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

	<u>Reference</u>	<u>RISE note</u>
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 User manual		
4.9 Drawing of the main plate /3.11/		
4.10 Samples of all intended print-outs		
4.11 Presentation of the instrument (drawing or photo) showing where verification and securing marks are to be applied		

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5. Declarations

	<u>Reference</u>	<u>RISE note</u>
Declarations whether OIML R51 has been fully applied. For deviations, reference should be made to the corresponding points in in OIML R51, and also to the corresponding points in sections 2 and 3 of the documentation.		

6. Test reports

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

7. Certificatess

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

8. Suitability and protection

	<u>Reference</u>	<u>RISE note</u>
8.1 Description of how the suitability question is solved (clause 7 of annex I)		
8.2 Description of how protection against corruption is solved including securing (clause 8 of annex I)		
8.3 Has the Welmec guide 7.2 (software guide) been applied?		
8.4 Software documentation according to WELMEC 7.2		
8.5 Adequate analysis and assessment of the risk(s) (MID module B, 3c)		