

Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R50

This is Annex No.

Dated:

To application dated:

Company

Signed

Documentation required (to be completed by applicant) for testing of a belt weigher

Note: All documentation must be equipped with date and or revision, which is to be updated in case of a new version. We prefer to receive the documents in electronic form, preferably pdf.

Numbers in slashes /.../ refer to the OIML R50-1 (edition 2014).

Also needed

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

	Reference	RISE notes
Producers name and address and if applicable also for the representative.		
Content of the application		
A written declaration that the standard OIML R50 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 /4.3.7.1/. 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)		
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

	Reference	RISE notes
1.1 General description of the type		

Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R50

2 Intended purpose of use

	Reference	RISE notes
Intended purpose of use, kind of weighing instrument.		

3 General characteristics /3, 4.9 /

	Reference	RISE notes
3.1 Applicant		
3.2 Manufacturer		
3.3 Importer		
3.4 Type		
3.5 Accuracy class		
3.6 Totalization scale interval, d		
3.7 Nominal speed /range of speeds of the belt, v		
3.8 Maximum flowrate, Q _{max}		
3.9 Minimum flowrate, Q _{min}		
3.10 Minimum totalized load, Σ _{min}		
3.11 Weigh length, L		
3.12 Scale interval (d)		
3.13 Electrical power supply		
3.14 Speed range of displacement simulation device		
3.15 To be used for weighing liquid products		
3.16 Wagons pushed/pulled		

4 Simulation unit (the parts on which the simulation test are performed on)

	Reference	RISE notes
4.1 Weight indicator /2.2.10.5/		
4.2 Weighing unit containing of load cell, load receptor and displacement simulating device /2.6.4, 7.3		

Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R50

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

	Reference	RISE notes
5.1 description and application of securing components, interlocks, adjustment devices, controls, etc. /4.3, 4.9, 5.8/		
5.2 Place for application of verification and related marks /4.10/.		
5.3 Adjustment devices		
5.4 Zero-setting devices /4.5/.		
5.4 Belt tension /4.8.1.5/.		
5.5 Displacement transducer /4.7/		
5.6 Scale interval of a supplementary totalization indicating device /3.3.3/		
5.7 Software, identification, version and how to check it. (See also. 12.4) /5.8/		
5.8 Interfaces: Type(s), intended use, immunity to external influences instructions /5.6/.		
5.9 Interfaces: Peripheral devices presented to be connected for the disturbance tests		
5.10 Peripheral devices, e.g. printers, remote displays, that are to be included in the type approval certificate.		

6 Information concerning special cases.

	Reference	RISE notes
6.1 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.		
6.2 For modules that have already been approved, reference to test certificates or type approval certificates /5.1.3.2/.		
6.3 Functioning of the display after switch-on /5.4/.		
6.4 Any other special information.		

Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R50

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

	Reference	RISE notes
7.1	Operation description	
7.2	Load receptor	
7.3	Lever systems	
7.4	Devices to apply the force to the load cells	
7.5	Electrical connection elements, e.g. for connecting load cells to the indicator	
6.6	Load cells	
6.7	Block diagram, including a technical description of the construction	
6.8	Totalization indicating and printing devices /4.4/	
6.9	Data storage device /5.7/	
6.9	Drawing of the main plate	
6.10	Samples of all intended print-outs	
6.11	Presentation of the instrument (drawing or photo) showing where verification and securing marks are to be applied/4.9,4.10/	
6.12	operating instructions, operating manual	

8 Declarations

	Reference	RISE notes
Declarations whether OIML R50 has been fully applied. For <u>deviations</u> , reference should be made to the corresponding points in in OIML R50, and also to the corresponding points in sections 3 and 4 of the documentation.		

9 Test reports

	Reference	RISE notes
Test reports		

Annex to application for conformity assessment of Measuring Instrument/Equipment in accordance with MID – MI-006, OIML R50

10 Certificates

	Reference	RISE notes
10.1 Certificates of other EC type approvals or separate tests, relating to modules or other parts mentioned in the documentation..		
10.2 A written confirmation from the owner of the above mentioned certificate that the applicant may refer to the certificate.		

11 Production

Documentation according to MID, article 18	Reference	RISE notes
Description of the manufacturing procedures to ensure consistent production (clause 3c)		

12 Suitability and protection

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