

Annex to application for conformity assessment of a Indicator to a weighing instrument in accordance with Welmec 8.8

This is Annex No. 1

Dated:

To application dated:

Company

Signed

Documentation required (to be completed by applicant) for testing of a weight indicator

Applicable guidance document for testing and examination is Welmec 2.1

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 R76-1 ed. 2006.

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. platform, price labeller).		

1.3. General characteristics /7.1/

	<u>Reference</u>	<u>RISE note</u>
1.3.1. Accuracy class(es)		
1.3.2. Maximum number of verification scale intervals, n		
1.3.3. Fraction of the maximum permissible error, P_{ind}		
1.3.4. Power supply (voltage, frequency)		
1.3.5. Temperature range etc.		

1.4. Characteristics of the load cell interface

	<u>Reference</u>	<u>RISE note</u>
1.4.1. Excitation power supply (voltage, AC (frequency) or DC)		
1.4.2. Minimum input voltage per verification scale interval (μV)		
1.4.3. Measuring range minimum voltage (mV)		
1.4.4. Measuring range maximum voltage (mV)		
1.4.5. Minimum and maximum load cell impedance (Ω), RL_{min}		
1.4.6. Maximum load cell impedance (Ω), RL_{max}		
1.4.7. Sense system available		

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

	<u>Reference</u>	<u>RISE note</u>
2.1. Software information, identification, command for checking id/version number.		
2.2. Means for securing components, controls etc. /4.1.2/.		
2.3. Adjustment devices /4.1.2.5/.		
2.4. Auxiliary, or extended indicating device /3.4, 4.4.3, 4.14.7/.		
2.5. Multiple use of indicating devices /4.4.4/.		
2.6. Printing devices /4.4.5/, printing of weighing result /4.6.11, 4.7.3/ and other values /4.15.4, 4.17/.		
2.7. Memory storage device /4.4.6/.		
2.8. Zero-setting, zero-tracking devices /4.5, 4.6.9, 4.14.2/.		
2.9. Tare devices /4.6, 4.10, 4.14.3/.		
2.10. Pre-set tare devices /4.7, 4.14.4/.		
2.11. Auxiliary verification device /4.9/.		
2.12. Selection of weighing ranges (on multiple range instruments) /4.10/.		
2.13. Devices to connect different load receptors to different load measuring devices /4.11/.		
2.14. Functions of price-calculation instruments (e.g. for direct sales to the public) /4.15/.		
2.15. Interfaces: Type(s), intended use, immunity to external influences instructions /5.3.6/.		
2.16. Interfaces: Peripheral devices presented to be connected for the disturbance tests /5.4.2/.		
2.17. Peripheral devices, e.g. printers, remote displays, that are to be included in the test certificate.		
2.18. 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. Special operating conditions /3.9.5/.		
3.2. Reaction of the software to significant fault /5.1.1, 5.2, 4.14.9/.		
3.3. Functioning of the display after switch-on / (7-segment displays). /5.3.1/.		
3.4. Any other special information.		

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

	<i>Reference</i>	<i>RISE note</i>
4.1. Electrical connection elements, e.g. for connecting load cells to the indicator		
4.2. Block diagram, including a technical description of the construction		
4.3. Schematic circuits		
4.4. Keyboard with function assigned to any key		
4.5. Drawing of the main plate /7.1/		
4.6. Samples of all intended print-outs		
4.7. Presentation of the instrument (drawing or photo) showing where verification and securing marks are to be applied		

5 Test reports

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