



R 76 Declaration of Mutual Confidence Rev. 8

Revision	Date of revision	Nature of the revision
Rev.0	29/09/2006	Initial document
Rev.1	11/10/2006	Correction of the name of the Testing Laboratory in the Republic of Korea. Considering the nature of the revision, the date recorded at BIML is unchanged.
Rev.2	12/12/2007	With the inclusion of new participants
Rev.3	13/08/2008	With the inclusion of OIML R 76-1 (2006) and OIML R 76-2 (2007) in the scope of the DoMC Revision of section 2 on the basis of the conclusions of the CPR Meeting held in June 2007 (including the title) New section 8
Rev.4	17/09/2008	Change in the designation of the South African Legal Metrology Body
Rev.5	02/02/2009	Change in the status of NWML's participation
Rev.6	04/08/2009	Change in the layout of the DoMC Change in the designation of the United Kingdom Participant Withdrawal of the additional national requirements R 76 DoMC-03 and R 76 DoMC-04 from Canada Change in the means used by Japan to demonstrate competence Change in the testing capabilities of NIM (China) Change in participation status of Australia and New Zealand Specific statement concerning load cells with humidity classification NH
Rev.7	24/09/2009	With the inclusion of new Issuing Participants and change in one participation status
Rev. 8	04/11/2011	Results of periodic review and change in two participation status, Australia and Korea Revision of DoMC -02, additional requirements from Canada Extension of scope of China

1. Relevant OIML Recommendations:

OIML R 76-1 “*Non-automatic weighing instruments, Part 1: Metrological and technical requirements - Tests*” – Edition 2006

OIML R 76-2 “*Non-automatic weighing instruments, Part 2: Test report format*” – Edition 2007

2. Items in the Recommendation not covered by the DoMC

- Reading (OIML R 76-1:2006 § 4.2.1).

3. OIML Issuing Authorities and their Testing Laboratories

State	Issuing Authority	Testing Laboratory
Australia	NMI, National Measurement Institute of Australia	NMI, National Measurement Institute of Australia
China	AQSIQ, General Administration of Quality Supervision, Inspection and Quarantine	NIM, National Institute of Metrology
France	LNE, Laboratoire National de Métrologie et d'Essais	LNE, Laboratoire National de Métrologie et d'Essais
Germany	PTB, Physikalisch-Technische Bundesanstalt	PTB, Physikalisch-Technische Bundesanstalt
Japan	NMIJ/AIST, National Metrology Institute of Japan	NMIJ/AIST, National Metrology Institute of Japan
Netherlands	NMI Certin B.V.	NMI Certin B.V.
Slovakia	SLM, Slovak Legal Metrology (Banská Bystrica)	1) SLM, Slovak Legal Metrology 2) EVPÚ, Elektrotechnický výskumný a projektový ústav
Sweden	SP Technical Research Institute of Sweden	SP Technical Research Institute of Sweden
Switzerland	Federal Office of Metrology METAS	Federal Office of Metrology METAS
United Kingdom	NMO, National Measurement Office	NMO, National Measurement Office

4. Range of evaluation capability

This document defines a synthesis of the testing capabilities established on the basis of the testing facilities of the Testing Laboratories.

The use of a modular approach for testing may lead to higher capabilities.

External testing facilities, if any, are listed in the scope of the DoMC.

Manufacturers are invited to contact the Testing Laboratories for any additional detailed information.

4.1. NMI, National Measurement Institute of Australia (Australia)

	Class I	Class II	Class III	Class IIII
Maximum test capacity (kg)	0.320	12	3 000	3 000
Maximum number of verification scale intervals (Max/e)	320 000	62 000	4 000	1 000
Minimum verification scale intervals (g)	0.001	0.1	2	10

4.2. NIM, National Institute of Metrology (China)

	Class I	Class II	Class III	Class IIII
Maximum testing capacity (kg)	60	3 000	3 000	3 000
Maximum number of verification scale intervals (Max/e)	1 000 000	100 000	10 000	1 000
Minimum verification scale intervals (g)	0.001	0.001	0.1	5

4.3. LNE, Laboratoire National de Métrologie et d'Essais (France)

	Class I	Class II	Class III	Class IIII
Maximum testing capacity (kg)	N/A	5	500	500
Maximum number of verification scale intervals (Max/e)	N/A	50 000	10 000	1 000
Minimum verification scale intervals (g)	N/A	0.1	1	10

4.4. PTB, Physikalisch-Technische Bundesanstalt (Germany)

	Class I	Class II	Class III	Class IIII
Maximum test capacity (kg)	10	3 000	3 000	3 000
Maximum number of verification scale intervals (Max/e)	1 000 000	100 000	10 000	1 000
Minimum verification scale intervals (g)	0.001	0.001	0.1	5

4.5. NMIJ/AIST, National Metrology Institute of Japan (Japan)

	Class I	Class II	Class III	Class IIII
Maximum testing capacity (kg)	10	100	300	300
Maximum number of verification scale intervals (Max/e)	1 000 000	100 000	10 000	1 000
Minimum verification scale intervals (g)	0.001	0.001	0.1	5

4.6. NMI Certin B.V. (The Netherlands)

	Class I	Class II	Class III	Class IIII
Maximum testing capacity (kg)	50	50	300	300
Maximum number of verification scale intervals (Max/e)	500 000	100 000	10 000	1 000
Minimum verification scale intervals (g)	0.001	0.001	0.1	5

4.7. SLM, Slovak Legal Metrology and EVPU, Elektrotechnický výskumný a projektový ústav (Slovakia)

	Class I	Class II	Class III	Class IIII
Maximum testing capacity (kg)	N/A	1 000	5 000	5 000
Maximum number of verification scale intervals (Max/e)	N/A	100 000	10 000	1 000
Minimum verification scale intervals (g)	N/A	0.001	0.1	1

4.8. SP, SP Technical Research Institute of Sweden (Sweden)

	Class I	Class II	Class III	Class IIII
Maximum test capacity (kg)	100	500	5 000	5 000
Maximum number of verification scale intervals (Max/e)	1 000 000	100 000	10 000	1 000
Minimum verification scale intervals (g)	0.001	0.001	0.1	5

4.9. Federal Office of Metrology METAS (Switzerland)

	Class I	Class II	Class III	Class IIII
Maximum testing capacity (kg)	50	100	100 000	100 000
Maximum number of verification scale intervals (Max/e)	200 000	100 000	10 000	1 000
Minimum verification scale intervals (g)	0.001	0.001	0.1	5

4.10. NMO, National Measurement Office (United Kingdom)

	Class I	Class II	Class III	Class IIII
Maximum testing capacity (kg)	N/A	N/A	2 000	3 000(1)
Maximum number of verification scale intervals (Max/e)	N/A	N/A	10 000	1 000
Minimum verification scale intervals (g)	N/A	N/A	0.2	5

(1) 2000 – 3000 range is performed using external facilities

5. Additional requirements

State	Name of requirement	Requirements and applicable test procedure reference document
Canada	Accuracy Class IIIHD	R 76 DoMC-01
Canada	Endurance for instruments with Max > 100 kg	R 76 DoMC-02 (check list below)

Conformity to the above-mentioned requirements may be evaluated by the following OIML Issuing Authorities and their subcontracting Testing Laboratories:

State	Issuing Authority	Testing Laboratories
France	LNE, Laboratoire National de Métrologie et d'Essais	LNE, Laboratoire National de Métrologie et d'Essais
Germany	PTB, Physikalisch-Technische Bundesanstalt	PTB, Physikalisch-Technische Bundesanstalt
Netherlands	NMI Certin B.V.	NMI Certin B.V.
Sweden	SP, SP Technical Research Institute of Sweden	SP, SP Technical Research Institute of Sweden
Switzerland	Federal Office of Metrology METAS	Federal Office of Metrology METAS
United Kingdom	NMO, National Measurement Office	NMO, National Measurement Office

6. Means used for establishing mutual confidence in the competence of Testing Laboratories

State	Means of establishing mutual confidence	
	Accreditation	Peer assessment
China	×	
France	×	
Germany		×
Japan	×	
Netherlands	×	
Slovakia	×	
Sweden	×	
Switzerland		×
United Kingdom	×	

7. Participation

The Participants and Associates indicated below have signed the DoMC to accept and utilize Test Reports and Certificates issued by the above-mentioned Issuing Participants in their national type approval program for the category of instruments specified in 1. This DoMC has been established in accordance with the requirements of OIML B 10-1 (2004) *Framework for a Mutual Acceptance Arrangement on OIML Type Evaluations* and its Amendment (2006).

State	Identity of Participants and Associates	Status of Participation	Date of Participation
Australia	NMI, National Measurement Institute of Australia	Issuing Participant	From 2006.09.29 to 2009.06.19
		Utilizing Participant	From 2009.06.20
		Issuing Participant	From 2011.11.04
Bulgaria	SAMTS, State Agency for Metrology and Technical Surveillance	Utilizing Participant	From 2006.09.29
Canada	Measurement Canada	Utilizing Participant	From 2006.09.29
China	AQSIQ, General Administration of Quality Supervision, Inspection and Quarantine	Issuing Participant	From 2006.09.29
France	LNE, Laboratoire National de Métrologie et d'Essais	Issuing Participant	From 2006.09.29
Germany	PTB, Physikalisch-Technische Bundesanstalt	Issuing Participant	From 2009.09.24
Israel	Ministry of Industry and Trade	Utilizing Participant	From 2006.09.29
Japan	NMIJ / AIST, National Metrology Institute of Japan Issuing participant	Issuing Participant	From 2006.09.29
Korea (R.)	KATS, Korean Agency for Technology and Standards	Issuing Participant	From 2006.09.29
		Utilizing Participant	From 2011.11.04
Netherlands	NMI Certin B.V.	Utilizing Participant	From 2007.12.12 to 2009.09.23
		Issuing Participant	From 2009.09.24
New Zealand	MCA/MAPSS, Ministry of Consumer Affairs/Metrology and Product Safety Service	Issuing Participant	From 2006.09.29 to 2009.06.19
		Utilizing Participant	From 2009.06.20
Russian Federation	VNIIMS, Russian Research Institute for Metrological Service	Utilizing Participant	From 2006.09.29

State	Identity of Participants and Associates	Status of Participation	Date of Participation
Saudi Arabia	SASO, Saudi Arabian Standards Organization	Utilizing Participant	From 2006.09.29
Serbia	ZMDM, Bureau of Measures and Precious Metals	Utilizing Participant	From 2006.09.29
Slovakia	SLM, Slovak Legal Metrology (Banská Bystrica)	Issuing Participant	From 2006.09.29
South Africa	NRCS, National Regulator for Compulsory Specifications, Legal Metrology Department	Utilizing Participant	From 2006.09.29
Sweden	SP, SP Technical Research Institute of Sweden	Issuing Participant	From 2007.12.12
Switzerland	Federal Office of Metrology METAS	Issuing Participant	From 2009.09.24
United Kingdom	NMO, National Measurement Office	Utilizing Participant	From 2006.09.29 to 2009.02.01
		Issuing Participant	From 2009.02.02
Vietnam	STAMEQ, Ministry of Science and Technology, Directorate for Standards and Quality	Utilizing Participant	From 2007.12.12

8. Other provisions

8.1. MAA Certificates on the basis of OIML R 76-1:1992 and OIML R 76-2:1993

Issuing Participants may still issue OIML MAA Certificates on the basis of OIML R 76-1 “*Non-automatic weighing instruments, Part 1: Metrological and technical requirements - Tests*” – Edition 1992 and OIML R 76-2 “*Non-automatic weighing instruments, Part 2: Pattern evaluation report*” – Edition 1993 in the event that such Certificates are applied for by manufacturers who would like to obtain type approval in countries where national regulations are not aligned on the new editions of the Recommendations.

8.2. Specific provision concerning the use of load cells classified NH

OIML MAA Certificates and Evaluation Reports issued for class NH load cells (for humidity classification) on the basis of OIML R 60:2000 cannot be used to issue OIML MAA Certificates and Evaluation Reports for non-automatic weighing instruments on the basis of OIML R 76-1:1992, OIML R 76-2:1993, OIML R 76-1:2006 and OIML R 76-2:2007 without additional tests related the influence of humidity.

9. BIML receipt

Date registered at the BIML: November 14, 2011