



*The World Organisation for NDT*

**Multilateral Recognition Agreements  
(for NDT personnel certification)**

# Personnel Certification

Reliability of NDT greatly relies with a Reliable NDT personnel certification



- Do you want to avoid farmers /cowboys qualified in 3 days to test your product/fabricated structure?
- Do you want the personnel testing your product are really trained & certified

Choose **Appropriate** Third party personnel Certification

# Appropriate Personnel Certification

What is **Appropriate** ?

- Application of common certification standard ISO 9712
- Application of harmonized examination procedures
- Accreditation against ISO/IEC 17024
- Recognition by Industry and NDT community

**MRA is a way to recognition**

# Examples of successful MRA/MLA

The screenshot shows the IAF website with a dark blue header. On the left, there is a language selection menu with options: 日本語, 中文, Español, and Português. The main navigation bar includes: HOME, ABOUT US, IAF MLA, IAF MEMBERS & SIGNATORIES, PUBLICATIONS, NEWS & EVENTS, CONTACT US, and FAQ. A search bar is located in the top right corner. Below the navigation is a large banner featuring a man in a light-colored work shirt in an industrial setting, with the IAF logo and the text "Certified once, accepted everywhere". To the right of the banner is a "MEMBERS LOGIN" form with fields for Email and Password, a Submit button, and a link for "Forgot Password?". Below the banner is a paragraph of text describing IAF's role as the world association of Conformity Assessment Accreditation Bodies. At the bottom, there are three featured articles: "Study into the value of ISO 9001", "World Accreditation Day - June 9th 2013", and "Accredited certification delivers real added value". A large yellow star is overlaid on the left side of the page, containing the text "ISO/IEC 17021".

INTERNATIONAL ACCREDITATION FORUM  
20<sup>th</sup> Anniversary 1993-2013

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Certified once, accepted everywhere

IAF is the world association of Conformity Assessment Accreditation Bodies and other bodies interested in conformity assessment in the fields of management systems, products, services, personnel and other similar programmes of conformity assessment. Its primary function is to develop a single worldwide program of conformity assessment which reduces risk for business and its customers by assuring them that accredited certificates may be relied upon. Accreditation assures users of competence and impartiality of the body accredited.

**ISO/IEC 17021**

Study into the value of ISO 9001  
The results of a joint study, carried

World Accreditation Day - June 9th 2013  
IAF is delighted to announce that

Accredited certification delivers real added value

# ILAC MRA

http://www.ilac.org/home.html

ILAC - Home

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ilac International Laboratory Accreditation Cooperation

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### Welcome To ILAC

ILAC - the International Laboratory Accreditation Cooperation - is an international cooperation of laboratory and inspection accreditation bodies formed more than 30 years ago to help remove technical barriers to trade.

Accreditation is the independent evaluation of conformity assessment bodies against recognised standards to carry out specific activities to ensure their impartiality and competence. Through the application of national and international standards, government, procurers and consumers can have confidence in the calibration and test results, inspection reports and certifications provided.

Accreditation bodies are established in many countries with the primary purpose of ensuring that conformity assessment bodies are subject to oversight by an authoritative body.

Accreditation bodies, that have been evaluated by peers as competent, sign arrangements that enhance the acceptance of products and services across national borders, thereby creating a framework to support international trade through the removal of technical barriers.

These arrangements are managed by the International Laboratory Accreditation Cooperation (ILAC), in the field of laboratory and inspection accreditation, and the International Accreditation Forum (IAF), in the fields of management systems, products, services, personnel and other similar programmes of conformity assessment. Both organisations work together and coordinate their efforts to enhance the accreditation and the conformity assessment worldwide.

### World Accreditation Day 2012

The theme for World Accreditation Day focuses on the role that accreditation plays in supporting the provision of safe food and clean drinking water. Full Story

### Joint ILAC-CIPM Communication

Joint ILAC-CIPM Communication

Communication

of

Services

Full

ISO/IEC 17025

5:40 PM 15/4/2012

## EA MLA Coverage

All conformity assessment results (e.g. reports and certificates) provided by conformity assessment bodies accredited by a national accreditation body signatory to the EA MLA are considered to be under the EA MLA provided. Reports and certificates bear the accreditation mark and the body accreditation number.

To date, the EA MLA covers the following activities and standards:

Accreditation of Scope/Activity:	Standard
<b>Laboratories</b> Testing and Medical examinations	ISO/IEC 17025 ISO 15189
<b>Laboratories</b> Calibration	ISO/IEC 17025
<b>Certification Bodies</b> Product certification	EN 45011 and ISO/IEC 17065
<b>Certification Bodies</b> Certification of persons	ISO/IEC 17024
<b>Certification Bodies</b> Management systems certification	ISO/IEC 17021
<b>Inspection</b> Inspection	ISO/IEC 17020
<b>Verification</b> Verification	EN/ISO 14065



[The MLA](#)

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[Peer Evaluation Activity](#)

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[IAF/ILAC Recognition](#)

# EFNDT MRA



EFNDT Services Organisation Members

EFNDT 10 July 2013 [Login](#)

## Welcome to EFNDT online

“A Europe-wide partnership to promote NDT and related fields for the benefit of industry, the professions, users and the wider community”

The overall mission of EFNDT is to bring together the resources of the national societies and organisations involved in NDT and related topics in Europe to create a more effective and more valuable voice for industry, the professions, the users and the wider community..

EFNDT was founded in May 1998 in Copenhagen at the 7th European Conference for Non-Destructive Testing (ECNDT). 27 national NDT societies agreed to set up a powerful organisation on European level. Full membership is open to national NDT societies, one per country. Associate membership is open to all applicable organisations worldwide.

EFNDT is a non-profit association registered in Brussels.



Matthias Purschke  
President EFNDT  
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Jutta Koehn  
General Secretary EFNDT  
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### Quick Links

- [EFNDT News Volume 2 Number 1](#)
- [EFNDT News Volume 1 Number 5](#)
- [Guidelines: "Overall NDT Quality System"](#)
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### News

#### Visions, Challenges and Mission

After three successful years the former President Prof. Vjera Krstelj (Croatia), the Vice-President Gerhard Aufricht (Austria) and the Secretary Niksa Krnic (Croatia) reached their end of term in March 2012. The focus during the last three years was clearly put on the improvement of European visibility of the





## Need for an MRA

- A reference document / guideline for authorities, specifiers to determine equivalence on personnel certification
- Avoid duplication of qualification to multiple standards
- Promote mobility of NDT personnel's regionally and/or globally.
- Global recognition of Personnel Certification
- Harmonization of Training, Examination and Certification process world wide.
- Improve Free Trade
- Implement 17024 & ISO 9712 as Accreditation & Certification standards.



## Why need ICNDT MRA

- The International Accreditation forum (IAF) doesn't have valid MRA for accreditations under ISO/IEC 17024, hence PCB accredited in each countries may not be mutually recognized in global perspective.
- The quality of certification is still under question.
- Personnel are often required to recertify when they travel from one country to other. This could be avoided when a global MRA is available.

## What is ICNDT MRA

The ICNDT MRA Arrangement supports international trade by promoting international confidence and acceptance of certified NDT personnel by accredited certification bodies.

Technical barriers to trade, such as the re-qualification of personnel or retesting of a product by local qualified NDT personnel in a newer economy would be greatly reduced.

# Good example – EFNDT MRA

- 19 years successful operation
- 29 countries have signed MRA
- 22 personnel certification bodies involved



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## PSL/49 - APPLICATION FOR EXEMPTION IN PCN EXAMINATIONS FOR HOLDERS OF BINDT RECOGNISED CERTIFICATION

The completed form must be sent to BINDT with traceable copies of the certification in respect of which an exemption is sought.

<b>Personal Details</b>		PCN No. (if existing PCN holder):	
FAMILY NAME			
GIVEN NAME(S)			
FULL POSTAL ADDRESS			
TELEPHONE		FAX:	
E-MAIL			
<b>PCN Certification sought</b>			
PRODUCT OR INDUSTRY SECTOR	NDT METHOD	LEVEL	SCOPE (CATEGORY) OF CERTIFICATION SOUGHT
	ET	2	
	UT	2	
<b>Details of non-PCN certificates held (in respect of which exemption is sought)</b>			
CERTIFICATE No.	SECTOR, NDT METHOD & LEVEL	EXPIRY DATE	CERTIFICATION BODY (FOR VERIFICATION PURPOSES)
07072-2011-00	4	13.10.16	
07072-2011-00	1,4	25.04.16	
<b>FOR PCN INTERNAL USE</b>			
REGISTER No		DATE 19/11/2012	
EXAMINATION EXEMPTIONS GRANTED (TO BE COMPLETED BY PCN)			
For welds UT L2 would be exempt both written Specific & General papers, would need to complete the practical.			
For any other sector UT L2 would be exempt General theory paper would need to do the specific theory & practical			
For ET would be exempt the general theory paper would need to do the specific theory & practical			

# Development from ICNDT

The International Committee for Non-Destructive Testing (ICNDT) has recognised the need for a global MRA on NDT Personnel Certification.

In 2010 ICNDT Members survey was conducted.

Questions were regarding current situation with NDT personnel certification in particular country and willingness of ICNDT Member to sign and participate MRA.

Survey indicated overwhelming (96%) support for an ICNDT MRA.

# Development from ICNDT

The work of developing the MRA was entrusted to ICNDT Working Group 1 on NDT Personnel Qualification & Certification.

WG1 transferred the system for approval & implementation. The approval went through at the ICNDT GA on 15<sup>th</sup> April 2012.

# Objectives

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- **Global** involvement
- **Harmonisation** of examination and certification processes
- **Recognition** of NDT personnel certification issued by the Personnel Certification Bodies (PCB) registered under the ICNDT MRA
- **Acceptance** of certificates issued by registered PCB.

# Signatories (Bodies that sign the MRA)

The signatories to the ICNDT MRA are the full and associate members of the ICNDT that choose to support the Multilateral Recognition Agreement.



From left to right, representatives of China, Korea, Singapore, Malaysia and India holding the signed MRA schedule 1, with ICNDT General Secretary, Mr S.K.Babu (centre).



# Signatories (Bodies that sign the MRA)

Signatories are not, of necessity, owners or operators of NDT personnel certification schemes.

Signatories are listed in a document published at [www.icndt.org](http://www.icndt.org)



INTERNATIONAL COMMITTEE FOR  
NON-DESTRUCTIVE TESTING

*The World Organisation for NDT*

**OP19 APPENDIX 1 - ICNDT MULTILATERAL AGREEMENT ON  
RECOGNITION OF NDT PERSONNEL CERTIFICATION**

**MASTER SCHEDULE 1 – SIGNATORIES TO THE ICNDT MRA**

**11<sup>th</sup> APRIL 2013 @ 13h08**

The following organisations have signed the ICNDT Multilateral Agreement on Recognition of NDT Personnel Certification and have thereby agreed to promote the recognition and acceptance of certificates issued by the particular Certification Bodies registered by ICNDT in accordance with the Agreement (see Schedule 2).

Country	ICNDT Member	Name and position of signatory	Place and date of signing
China	Chinese Society for NDT ( <a href="#">ChSNDT</a> )	Jianzhong Shen (Vice President)	Tokyo, 9 <sup>th</sup> October 2012
India	Indian Society for NDT ( <a href="#">ISNT</a> )	V. Pari (President Elect)	Tokyo, 9 <sup>th</sup> October 2012
South Korea	Korean Society for NDT ( <a href="#">KSNT</a> )	Cho, Younho (Senior Director, International Affairs)	Tokyo, 9 <sup>th</sup> October 2012
Malaysia	Malaysian Society for NDT ( <a href="#">MSNT</a> )	Abd. Nassir Ibrahim (President)	Tokyo, 9 <sup>th</sup> October 2012
Singapore	Non-Destructive Testing Society (Singapore) ( <a href="#">NDTSS</a> )	Babu, Sajeesh Kumar (Honorary Secretary)	Tokyo, 9 <sup>th</sup> October 2012
Australia	Australian Institute for NDT ( <a href="#">AINDT</a> )	Les Dick (Executive Officer)	Luton, UK, 20 <sup>th</sup> November 2012
Brazil	Brazilian Association for NDT ( <a href="#">ABENDI</a> )	Joao Rufino Teles Filho (Member of the Board of Directors)	Luton, UK, 20 <sup>th</sup> November 2012
Ukraine	Ukrainian Society for NDT (USNDT)	V. Troitskiy (President)	Kiev, 1 <sup>st</sup> April 2013
Russia	Russian Society for NDT and Technical Diagnostics	Sergey Klyuev (President)	Moscow, 23 <sup>rd</sup> January 2013

# Obligations

Each Party to the MRA **shall**:

- commit itself to the pursuance of the objectives of the MRA;
- promote the recognition and acceptance of the certification issued by PCBs registered under the MRA;
- assist other interested parties by giving a clear overview of the NDT personnel certification activities in its own country;
- provide other parties with non-confidential information on the certification scheme operated by PCB registered under MRA;
- consult with and seek membership of the scheme and technical committees of NDT PCBs in its own country;
- indemnify ICNDT against liability for the party's use or misuse of this MRA.

# Administration

ICNDT MRA is administered as a series of signed agreements under the jurisdiction of Austrian law, and shall be administered by the ICNDT Certification Executive Committee, which assigns the day to day responsibility for reviewing applications for PCB registration to the ICEC Secretary.

# Registration

An NDT PCB seeking registration under ICNDT MRA shall meet the following criteria:

- Be proposed for registration by a Party to this MRA;
- Be accredited as in conformance with ISO/IEC 17024, and with ISO 9712 by an ICNDT recognised Accreditation Body or a government accreditation agency, whose assessment records are made available to the ICEC for review and confirmation that the AB assessment reports give confidence that the applicant PCB is in conformance with EN ISO 9712, ISO 9712 or EN 473, **or**

## Registration (cont.)

- Be assessed for the ICNDT by an ICNDT registered NDT Assessor to ensure conformity with ISO/IEC 17024 and issuing Personnel Certification in conformance with EN ISO 9712, ISO 9712 or EN 473, **and**
  - Remit to the ICNDT the current initial application fee
- ICNDT Recognition of Accreditation Bodies requires that the Accreditation Body is recognised by its peers under a process conducted in accordance with ISO/IEC 17040 (e.g.EA MLA)

# Registration and Recognition?

The PCB which have been accepted for registration by the ICNDT under the MRA, and thus are recognised by all of the signatories to the Agreement, will be listed and published at [www.icndt.org](http://www.icndt.org)

Those ICNDT members that have *signed* the MRA will have *agreed to recognise and promote acceptance in their own country* those certificates issued by all of the PCBs registered by ICNDT in accordance with the MRA.

# Advice to users of NDT personnel certification

Advice on the status, recognition and acceptance of certificates issued by registered NDT PCBs is available from the ICEC Secretary, the ICNDT website, in the *ICNDT Guide to Qualification and Certification of Personnel for NDT*, or from the Parties to this Agreement that are listed in Schedule 1.

ICNDT accepts no liability for the use of certification awarded by the PCB. In accordance with EN ISO 9712 the responsibility for the quality of NDT rests with the employer of the certificated person.



# Conclusions

This major development has the potential to provide a truly global Multilateral Agreement for Recognition of NDT Personnel Certification.

This could have the **beneficial effect** of:

- **Harmonising** the qualification and certification activities of NDT Personnel certification in the four ICNDT Regions
- **Increasing** the recognition and specification of third party qualification and certification through amended codes
- **Improving** the freedom of movement of personnel and products across national borders
- **Reducing** the cost to individuals and industry of NDT personnel qualification and certification

## Questions / Discussion ...

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ICNDT public documentation are available in [www.icndt.org](http://www.icndt.org) and click on the link to ICNDT Documents

Working Together, we can make change happen ...

**Thank you for your time.**