



**INTERNATIONAL RECOGNITION OF TEST,
CALIBRATION AND INSPECTION REPORTS**

**(What to look for on reports to make sure they are from
an accredited laboratory, inspection body or reference
material producer)**

INTERNATIONAL ACCREDITATION

Most trading nations have established systems to accredit technically competent and reliable testing, calibration and inspection facilities, and reference material producers. These accreditation bodies are usually government-owned or government-endorsed and operate free from any commercial influence.

Industry depends on reliable calibrations, testing, inspections and reference materials. Accurate test and calibration results, inspection reports and reference material certificates are critical for the protection of public health and safety, the environment, and to facilitate trade.

Test and calibration laboratories are accredited as complying with the international standard, ISO/IEC 17025 (ISO 15189 for medical laboratories). Inspection bodies are accredited as complying with the international standard ISO/IEC 17020. Reference material producers are accredited as complying with ISO Guide 34 in combination with ISO/IEC 17025.

Accredited testing and calibration laboratories, inspection bodies and RMPs are entitled to use the accreditation symbol (mark) of their accreditation body on their test, calibration and inspection reports, and reference material certificates within their scope of accreditation.

THE ASIA PACIFIC REGION

Thirty-three accreditation authorities in eighteen Asia-Pacific economies plus India, Pakistan and Sri Lanka are signatories to the Asia Pacific Laboratory Accreditation Cooperation (APLAC) Mutual Recognition Arrangement (MRA). This MRA is based on regular peer evaluations against the international standard ISO/IEC 17011. Signatory accreditation bodies have thoroughly evaluated each other's systems of accreditation. These recognition arrangements also include mechanisms to ensure that the results of testing, calibrations and inspections, and reference materials certification covered by the Arrangement, carry the same degree of accuracy and credibility on an ongoing basis.

Mutual Recognition means that each partner agrees to recognise accreditations granted by the other partners as equivalent to their own.

The APLAC Mutual Recognition Arrangement enables testing, calibration and inspection reports, and reference material certificates from the exporting country to be accepted in the importing country, avoiding requirements for re-testing, re-calibration, re-inspection, or re-certification thus saving exporters time and money. Accreditation operates in the voluntary sector, in that laboratories, inspection bodies and reference material producers are not required by accreditation bodies to be accredited. However, accreditation is increasingly being recognised by regulators worldwide as evidence of competence to carry out testing, calibration or inspection for mandatory purposes, and thus the requirement for accreditation can also become mandatory.

An accreditation body cannot, however, compel a domestic regulator to accept endorsed reports and certificates from an overseas laboratory, inspection body or reference material producer accredited by an MRA partner. The decision on regulatory acceptance is with the regulators.

The APLAC MRA replaces earlier bilateral arrangements between some of the economies mentioned below.

THE APLAC ACCREDITATION NETWORK

The APLAC MRA involves thirty-three counterpart authorities in eighteen economies in the Asia-Pacific region plus India, Pakistan and Sri Lanka. These economies are:

Australia; Canada; People's Republic of China; Hong Kong, China; India; Indonesia; Japan; Korea, Malaysia; Mexico; New Zealand; Pakistan, Papua New Guinea; Philippines; Russia; Singapore; Sri Lanka, Chinese Taipei; Thailand; United States; Vietnam.

OBLIGATIONS OF APLAC MRA SIGNATORIES

Each APLAC MRA signatory:

- (i) uses equivalent procedures under ISO/IEC 17011 in the accreditation of laboratories against ISO/IEC 17025 (ISO 15189 for medical laboratories), in the accreditation of inspection bodies against ISO/IEC 17020, and in the accreditation of reference material producers against ISO Guide 34 in combination with ISO/IEC 17025;
- (ii) recognises, within its scope of recognition in the MRA, the accreditation of a laboratory, inspection body or reference material producer by other signatories as being equivalent to an accreditation by its own organisation;
- (iii) accepts, for its own purposes, endorsed calibration, test or inspection reports, or reference material certificates issued by laboratories, inspection bodies or RMPs accredited by other signatories on the same basis as it accepts endorsed calibration, test and inspection reports, or reference material certificates issued by its own accredited laboratories, inspection bodies and/or RMPs;
- (iv) promotes the acceptance by users in its economy of test, calibration and inspection reports or reference material certificates, issued by laboratories, inspection bodies or RMPs accredited by other APLAC MRA signatories;
- (v) investigates complaints resulting from test, calibration and inspection reports or reference material certificates issued by their accredited laboratories, and inspection bodies; and
- (vi) informs one another, as soon as possible, of any significant changes in the status and/or operational practices of its accreditation body.

The full text of the APLAC MRA (APLAC MR 002) can be found on the APLAC web site: www.aplac.org

RECOGNITION OF APLAC

APLAC is recognised as a Specialist Regional Body within the Asia Pacific Economic Cooperation (APEC). Government regulators in the APEC economies use the APLAC MRA to underpin confidence in the acceptance of test, calibration and inspection reports, and reference material certificates in the region.

APLAC is a recognised regional body of ILAC. Thus, signatories to the APLAC MRA for testing and calibration are also signatories to the International Laboratory Accreditation Cooperation (ILAC) Global Arrangement, which groups over 60 nationally recognised accreditation authorities worldwide.

THE IMPORTANCE OF ACCREDITATION

Accreditation by an APLAC MRA signatory is formal recognition that an organisation is competent to carry out specific tasks. A facility is accredited to issue specific types of test, calibration or inspection reports, or reference material certificates. The specific areas of competence are specified in the Scope of Accreditation (e.g. a laboratory may be accredited to undertake specific chemical tests but not to test electrical products).

Accreditation is granted after detailed assessment of the competence of the organisation and its staff against technical and management system criteria defined in ISO/IEC 17025 for laboratories (ISO 15189 for medical laboratories), ISO/IEC 17020 for inspection bodies, and ISO Guide 34 in combination with ISO/IEC 17025 for RMPs. This assessment is conducted by accreditation body staff in association with technical experts from the particular technology being assessed. Accredited organisations are subject to regular surveillance and reassessment by their national accreditation body.

APLAC PARTNERS

The contact details of the APLAC MRA signatories are on the following pages. New partners are added once the APLAC MRA Council has voted on their acceptance following satisfactory reports from peer evaluations. On the following pages, details of the accreditation symbol (mark) visible on reports and certificates within the accredited facilities' scopes of accreditation, the scope of recognition for each accreditation body (testing/calibration/inspection/ISO 15189/RMP), and individual accreditation body website addresses are listed. For details of the scope of accreditation of individual facilities it is advisable to confirm details through the individual accreditation body's website.

Australia

NATA

National Association of Testing Authorities, Australia



NATA

7 Leeds Street
Rhodes NSW 2138
AUSTRALIA

Tel: +61 2 9736 8222
Fax: +61 2 9743 5311
Email: nata@nata.com.au
URL: www.nata.com.au

Scope: Testing and Calibration;
Inspection; RMP
Signed: 19 November 1997
13 November 2003
16 December 2007

Canada

SCC

Standards Council of Canada/Conseil canadien des normes



SCC

Suite 200, 270 Albert Street
Ottawa, Ontario K1P 6N7
CANADA

Tel: +1 613 238 3222
Fax: +1 613 569 7808
Email: abeaudet@scc.ca
URL: www.scc.ca

Scope: Testing and Calibration
Signed: 26 October 2000

Canada

CALA

Canadian Association for Laboratory Accreditation Inc.

CALA

Suite 310, 1565 Carling Avenue
Ottawa, Ontario K1Z 8R1
CANADA



Tel: +1 613 233 5300
Fax: +1 613 233 5501
Email: ccotter@cala.ca
URL: www.cala.ca

Scope: Testing
Signed: 16 November 2005

China

CNAS

China National Accreditation Scheme for Conformity Assessment



CNAS

8 Nan Hua Shi Dajie
Chongwen District
Beijing 100062
PEOPLE'S REPUBLIC OF CHINA

Tel: +86 10 6710 5333
Fax: +86 10 6710 5089
Email: info@cnas.org.cn
URL: www.cnas.org.cn

Scope: Testing and Calibration; Inspection;
ISO 15189; RMP
Signed: 3 December 1999
9 December 2004
6 December 2007
6 December 2007

Hong Kong – China

HKAS

Hong Kong Accreditation Service



HKAS

36th Floor, Immigration Tower
7 Gloucester Road
Wan Chai
HONG KONG, CHINA

Tel: +852 2829 4838
Fax: +852 2824 1302
Email: hkas@itc.gov.hk
URL: www.hkas.gov.hk

Scope: Testing and Calibration;
Inspection; ISO 15189
Signed: 19 November 1997
13 November 2003
18 April 2007

Please note: Old accreditation symbols are acceptable until 1 November 2012.



Inspection



Calibration laboratories



Medical testing laboratory directed by a Pathologist



Medical testing laboratory directed by a Scientist



Testing laboratories other than medical testing laboratories

India

NABL

National Accreditation Board for Testing & Calibration Laboratories



NABL

National Accreditation Board for Testing and Calibration Laboratories.

3rd Floor, NISCAIR Building 14,
Satsang Vihar Marg
New Mehrauli Road
New Delhi 110 067
INDIA

Tel: +91 11 2652 6890
Fax: +91 11 2562 9716
Email: director@nabl-india.org
URL: www.nabl-india.org

Scope: Testing and Calibration; ISO 15189
Signed: 26 October 2000; 11 December 2008

Indonesia

KAN

Komite Akreditasi Nasional



KAN

Mangala Wanabakti Blok IV, 4th Floor
Jl. Gatot Subroto
Jakarta 10270
INDONESIA

Tel: +62 21 574 7043
Fax: +62 21 5790 2948
Email: laboratorium@bsn.go.id
URL: www.bsn.go.id

Scope: Testing; Calibration; Inspection
Signed: 22 May 2001
13 November 2003
9 December 2004

Japan

JAB

Japan Accreditation Board



JAB

Gotanda AN Building, 3F
1-22-1 Higashigotanda, 1-chome
Shinagawa-ku
Tokyo 141-0022
JAPAN

Tel: +81 3 3442 1210
Fax: +81 3 5475 2780
Email: siguchi@jab.or.jp
URL www.jab.or.jp

Scope: Testing; Calibration; ISO 15189; Inspection
Signed: 23 October 1998
2 May 2003
18 April 2007
8 December 2010

Japan

IAJapan

International Accreditation Japan (IAJapan)

For JNLA Testing



IAJapan

NITE
Nishihara 2-49-10, Shibuya-ku
Tokyo 151-0066
JAPAN

For JCSS Calibration and
Reference Material
Producers



Tel: +81 3 3481 1941
Fax: +81 3 3481 1937
Email: iajapan@nite.go.jp
URL: www.iajapan.nite.go.jp/iajapan

For ASNITE Testing,
Calibration and Reference
Material Producers



Scope: JNLA Testing
JCSS Calibration and
Reference Material Producers
ASNITE Testing,
Calibration and Reference Material
Producers

Signed: 23 October 1998
3 December 1999
1 April 2002
6 December 2007

Japan

VLAC

Voluntary EMC Laboratory Accreditation Center Inc.



VLAC

7F NOA Bldg.,
2-3-5, Azabudai
Minato-ku
Tokyo 106-0041
JAPAN

Tel: +81 3 3568 2152
Fax: +81 3 3568 2153
Email: osabe@vlac.co.jp
URL: www.vlac.co.jp

Scope: Testing
Signed: 13 November 2003

Korea

KOLAS

Korea Laboratory Accreditation Scheme



KOLAS

2 Joongang-dong, Gwachon
Gyeonggi-do
REPUBLIC OF KOREA
427-716

Tel: +82 2 509 7226
Fax: +82 2 507 6875
Email: kolas@kats.go.kr
URL: www.kolas.go.kr/english/

Scope: Testing and Calibration
Signed: 23 October 1998
22 May 2001

Malaysia

SM

Standards Malaysia
Ministry of Science, Technology and Innovation of Malaysia



Standards Malaysia

Department of Standards Malaysia
Century Square
Level 1 & 2
Block 2300, Jalan Usahawan
63000 Cyberjaya
MALAYSIA

Tel: +603 8319 1335
Fax: +603 8318 9339
Email: shaharul@standardsmalaysia.gov.my
URL: www.standardsmalaysia.gov.my

Scope: Testing; Calibration; ISO 15189
Signed: 14 November 2002
13 November 2003
18 April 2007

Mexico

ema

Entidad Mexicana de Acreditación



ema

Manuel Maria Contreras #133
2^{do} piso Col. Cuauhtémoc
06597 MÉXICO DF

Tel: +52 55 9148 4315
Fax: +52 55 5591 0529
Email: gerencialab@ema.org.mx
URL: www.ema.org.mx

Scope: Testing, Calibration, Inspection; ISO 15189
Signed: 16 November 2005
18 April 2007

New Zealand

IANZ

International Accreditation New Zealand



IANZ

Private Bag 28908, Remuera
Auckland 1541
NEW ZEALAND

Tel: +64 9 525 6655
Fax: +64 9 525 2266
Email: info@ianz.govt.nz
URL: www.ianz.govt.nz



Scope: Testing and Calibration; Inspection;
ISO 15189

Signed: 19 November 1997
13 November 2003
18 April 2007



Pakistan

PNAC

Pakistan National Accreditation Council



PNAC

Pakistan National Accreditation Council
(PNAC)

Ministry of Science and Technology
4th Floor, Evacuee Trust Complex
Agha Khan Road, Sector F-5/1
Islamabad
PAKISTAN

Tel: +92 51 922 2336
Fax: +92 51 9920 9510
Email: najam@pnac.org.pk
URL: www.pnac.org.pk

Scope: Testing and Calibration
Signed: 21 May 2009

Papua New Guinea

PNGLAS

Papua New Guinea Laboratory Accreditation Scheme



PNGLAS

Papua New Guinea Laboratory
Accreditation Scheme (PNGLAS)
NISIT
Portion 414, Tabari Place
Boroko NCD
(PO Box 3042, Boroko, National Capital
District)
PAPUA NEW GUINEA

Tel: +675 323 1852
Fax: +675 325 8793
Email: Johnny.Moses@nisit.gov.pg
johnny.kolove@gmail.com
URL: www.nisit.gov.pg

Scope: Testing
Signed: 13 May 2010

Philippines

PAO

Philippine Accreditation Office

PAO

3rd Floor, Trade & Industry Building
361 Sen. Gil Puyat Avenue
Makati City 1200, Metro Manila
PHILIPPINES



Tel: +63 2 751 3235
Fax: +63 2 751 3262
Email: anoga2000@yahoo.com; pao@dti.gov.ph
URL: www.pao.dti.gov.ph

Scope: Testing and Calibration
Signed: 16 November 2005

Russian Federation

AAC

AAC Analitica

AAC

AAC Analitica
9 Leninsky pr, Moscow 119991 (postal)
1320, 1, Leninsky pr
Moscow 119049
RUSSIAN FEDERATION



AAC.A.XXXXX
(where X is a number)

Tel: +7 495 959 9343/9333
Fax: +7 495 959 9343/9333
Email: eroshina@analitica.org.ru; info@analitica.org.ru
URL: www.aac-analitica.ru;

Scope: Testing
Signed: 21 May 2009

Singapore

SAC

Singapore Accreditation Council



SAC

SPRING Singapore
1 Fusionopolis Walk
#01-02 South Tower
Solaris
SINGAPORE 138628

Tel: +65 6279 1847
Fax: +65 6659 0640
Email: chang_kwei_fern@spring.gov.sg
URL: www.sac-accreditation.gov.sg

Scope: Testing and Calibration; Inspection; ISO
15189

Signed: 19 November 1997
13 November 2003
18 April 2007

Sri Lanka

SLAB

Sri Lanka Accreditation Board for Conformity Assessment



SLAB

Sri Lanka Accreditation Board for Conformity
Assessment
No. 410/123
Buddhaloka Mawatha
Colombo 07
SRI LANKA

Tel: +94 11 269 3496
Fax: +94 11 269 3888
Email: director@slab.lk
URL: www.slabs.lk

Scope: Testing and ISO 15189
Signed: 9 December 2009

Chinese Taipei

TAF

Taiwan Accreditation Foundation



TAF

188, Gong-Dao 5 Road
Section 3
Hsinchu, Taiwan 30069
CHINESE TAIPEI

Tel: +886 3 572 3316
Fax: +886 3 572 6308
Email: nigel_jou@taftw.org.tw
URL: www.taftw.org.tw

Scope: Testing; Calibration; Inspection;
ISO 15189

Signed: 19 November 1997;
16 November 2005;
18 April 2007

Thailand

NSC-ONAC

NSC – Office of the National Accreditation Council



For testing and calibration
laboratory

For inspection body



NSC-ONAC

Rama VI Street, Rajthevi
Bangkok 10400
THAILAND

Tel: +66 2202 3327
Fax: +66 2354 3133
Email: thainac@tisi.go.th
URL: www.tisi.go.th

Scope: Testing and Calibration; Inspection

Signed: 25 October 2001;
9 December 2009

Thailand

DMSc

Department of Medical Sciences Ministry of Public Health



DMSc

Department of Medical Sciences
Ministry of Public Health
88/7 Tiwanond Road
Nonthaburi 11000
THAILAND

Tel: +66 2 951 1455
Fax: +66 2 951 1270
Email: blqs@dmsc.mail.go.th
URL: www.dmsc.moph.go.th

Scope: Testing; ISO 15189
Signed: 14 November 2002
18 April 2007

Thailand

DSS

Department of Science Service



TESTING
No. XXXX

DSS

75/7 Rama VI Road
Ratchathewi District
Bangkok 10400
THAILAND

Tel: +66 2 201 7325
Fax: +66 2 201 7126
Email: darunee@dss.go.th
URL: www.dss.go.th

Scope: Testing
Signed: 22 May 2006

United States of America

A2LA

American Association for Laboratory Accreditation



A2LA

5301 Buckeystown Pike, Suite 350
Frederick, MD 21704-8307
UNITED STATES OF AMERICA

Tel: +1 301 644 3208

Fax: +1 301 662 2974

Email: info@A2LA.org

URL: www.A2LA.org

Scope: Testing and Calibration; Inspection; RMP;
ISO 15189

Signed: 19 November 1997
13 September 2006
6 December 2007
13 May 2010

United States of America

ACCLASS

ANSI-ASQ National Accreditation Board LLC
doing business as ACLASS



ACCLASS

500 Montgomery Street, Suite 625
Alexandria VA 22314
UNITED STATES OF AMERICA

Tel: +1 703 836 0025
Fax: +1 703 836 0040
Email: keith.greenaway@aclasscorp.com
URL: www.aiclasscorp.com



REFERENCE MATERIAL PRODUCER

Scope: Testing and Calibration; RMP
Signed: 13 September 2006; 11 December 2008



United States of America

AIHA-LAP, LLC

AIHA Laboratory Accreditation Programs



AIHA-LAP, LLC

2700 Prosperity Avenue, Suite 250
Fairfax VA 22031
UNITED STATES OF AMERICA

Tel: +1 703 849 8880
Fax: +1 703 207 8558
Email: cmorton@aiha.org
URL: www.aihaaccreditedlabs.org

Scope: Testing
Signed: 8 December 2010

United States of America

IAS

International Accreditation Service, Inc.



IAS

5360 Workman Mill Road
Whittier, California 90601
UNITED STATES OF AMERICA

Tel: +1 562 699 0541
Fax: +1 562 699 2845
Email: mathan@iasonline.org
URL: www.iasonline.org

Scope: Testing; Inspection; Calibration
Signed: 3 December 1999
21 April 2004
25 April 2005

United States of America

L-A-B

Laboratory Accreditation Bureau



L-A-B

11627 Coldwater Road, Suite 101
Fort Wayne IN 46845
UNITED STATES OF AMERICA

Tel: +1 260 637 2705
Fax: +1 260 637 2791
Email: dleonard@l-a-b.com
URL: www.l-a-b.com

Scope: Testing and Calibration
Signed: 6 December 2007

United States of America

NVLAP

National Voluntary Laboratory Accreditation Program
National Institute of Standards and Technology



NVLAP

100 Bureau Drive, Stop 2140
Gaithersburg, MD 20899-2140
UNITED STATES OF AMERICA

Tel: +1 301 975 8446
Fax: +1 301 926 2884
Email: nvlap@nist.gov
URL: www.nist.gov/nvlap

Scope: Testing and Calibration
Signed: 19 November 1997

United States of America

PJLA

Perry Johnson Laboratory Accreditation, Inc



PJLA

755 West Big Beaver Road, Suite 1325
Troy MI 48084
UNITED STATES OF AMERICA

Tel: +1 248 519 2603
Fax: +1 248 213 0737
Email: tszerszen@pjlabs.com
URL: www.pjlabs.com

Scope: Testing; Calibration
Signed: 6 June 2008; 21 May 2009

Vietnam

BoA

Bureau of Accreditation



BoA

8 Hoang Quoc Viet Street
Cau Giay District
Hanoi
VIETNAM

Tel: +84 43 791 1552
Fax: +84 43 791 1551
Email: vuthuy@boa.gov.vn
URL: www.boa.gov.vn

Scope: Testing and Calibration; Inspection
Signed: 26 October 2000
9 December 2004

Australasia

JAS-ANZ

Joint Accreditation System – Australia and New Zealand



JAS-ANZ

Level 1, Law Society Building
11 London Circuit
Canberra ACT 2600
AUSTRALIA

Tel: +61 2 6232 2006
Fax: +61 2 6262 7980
Email: brett.abraham@jas-anz.org
URL: www.jas-anz.com.au

Scope: Inspection
Signed: 13 September 2006