

APLAC is an organisation of laboratory accreditation bodies in the Asia Pacific area that have expressed a desire to cooperate in fostering the development of competent laboratories in member economies.

Cooperation is to include:

- Exchange of information
- Joint training programs
- Proficiency testing
- Harmonisation of requirements
- Mutual recognition of systems meeting harmonized requirements

*APLAC NEWS NOTES* is published six times a year to facilitate the exchange of information among members and interested parties. It is not copyrighted and may be reproduced in full. Excerpts should reference *APLAC News Notes* specifically. Wide copying and distribution are encouraged.

APLAC also maintains an Internet site at:  
[www.aplac.org](http://www.aplac.org)

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## *News from APLAC Secretariat*

*Janet Clark & Helen Liddy*

We wish all our Chinese colleagues a prosperous year of the golden pig!

### **Changes at the Secretariat**

We are sad to advise that Jane King has left the secretariat as she has been appointed as the manager of NATA's accreditation program for R & D laboratories. We wish Jane all the very best in her new work, and thank her for all her excellent work within the secretariat over the last 3 years. It is not planned to replace Jane at this stage but Janet and Helen will still be at the end of an email to answer your queries, etc.

### **New APLAC Member**

We are pleased to welcome AAC Analitica of the Russian Federation as the newest Full Member of APLAC – one more APEC economy joins our cooperation.

### **New APLAC Quality Manual and APLAC Evaluation Report Template**

The new APLAC Quality Manual that replaces several APLAC SEC and PR documents and also NC 001 was issued in early February. Members are encouraged to download a copy from the APLAC web site and familiarise themselves with it.

The first edition of the APLAC evaluation report template was also issued in early February as APLAC MR 009. This template is designed to facilitate the production of the report, with the AB being evaluated completing sections 3 and 4 (history and background

of AB; AB's self-assessment against the KPIs (IAC/IAF A3)). It is available as a PDF from the public area of the web site and as a Word document in the "members only" area of the web site.

### **APLAC Board of Management and MRA Council Meetings**

The BoM and MRA Council will meet in Shanghai, People's Republic of China on 16-17 April (BoM) and 18-20 April (MRA Council). We thank CNAS for hosting the meetings. A workshop on reviewing evaluation reports will be held during the Council meeting. Members are asked to register for the meetings and confirm their hotel reservations as early as possible.

During the Council meeting there will be the inaugural signing of the APLAC MRA for accreditation of medical laboratories to ISO 15189: previously recognition for this area of accreditation had been included within the "testing" scope of the MRA.

### **APLAC Evaluator Training Course**

A training course for evaluators and provisional evaluators will be held in Shanghai on 23-25 April. The course coordinator is Ned Gravel of CAEAL, and Ned, Barry Ashcroft (IANZ) and Panadda Silva (DMSc) are the course presenters.

### **APLAC Training Courses in 2007**

A most successful workshop on the planning and conduct of PT courses in accordance with ISO/IEC Guide 43 was held in Kuala Lumpur, Malaysia on 13-15 February. Our thanks to Standards Malaysia that hosted the meeting. This was the first in a series of 3 workshops run by APLAC in conjunction with PTB, Germany. It was pleasing to have colleagues

from non-APLAC member economies, Bangladesh, Bhutan, Cambodia, Laos and Nepal join the workshop, thanks to funding support for them from PTB.

An APLAC workshop on the accreditation of medical laboratories to ISO 15189 will be held in Bangkok, Thailand on 15-17 May, hosted by DMSc. One of the presenters will be Dr Robert Wielgosz of BIPM who will give a presentation on the activities of JCTLM. This interactive workshop is aimed at those AB staff and assessors with experience in accrediting medical laboratories as the participants will be asked to present details about their organisations' accreditation programs and to discuss experiences. Regina Robertson (NATA) and Panadda Silva (DMSc) (a very busy lady!) will also be presenters.

An APLAC training course on the accreditation of reference material producers will be held in Tsukuba, Japan on 30 May-1 June, hosted by IAJapan. The presenters will be Dr A M van der Veen of NMI (Netherlands), W W Wong (HKAS) and Roxanne Robinson (A2LA).

These latter 2 courses are open to 1 attendee from each APLAC member and also from each ILAC region (including the group of unaffiliated bodies). Registration (with the APLAC secretariat) and hotel reservations (directly with the hotel) should be made as early as possible.

### **APLAC 2007**

The APLAC General Assembly and associated meetings will be held in Kuala Lumpur, Malaysia in the week of 2-7 December, hosted by Standards Malaysia.

## ***News from ILAC***

### **Review of the MCC Marketing Workshop Held in Cancun, Mexico, 11 November 2006**

*Ian Roy*

The ILAC Marketing and Communications Committee (MCC) held a Marketing Workshop at the ILAC Meetings in Cancun in November 2006.

The purpose of the workshop was to provide general guidance on what marketing is in relation to accreditation bodies and to highlight the resources that have been developed by the MCC for use by accreditation bodies. The workshop was attended by 64 people representing accreditation bodies from around the world.

Jon Murthy of UKAS provided a succinct overview of what marketing was, and what a marketing plan contained. Jon also spoke about the distinctly different target audiences that would be interested in accreditation and emphasised that it was important to prioritise which specific audiences an accreditation body saw as important. Limited resources means an accreditation body has to select the most important audiences.

Jon emphasised it was also important to understand the differing needs of target audiences, with one message for all audiences being inappropriate.

The subjects of “communication” and “business tools” were also identified by Jon as crucial to successfully marketing an accreditation body’s business. All accreditation bodies, irrespective of their size and budget, can choose how they will communicate their message to their target audiences, from using a sophisticated website, to letters, emails, brochures, DVDs and presentations. No matter what method of communication an accreditation body chooses to use,

keeping the message consistent and building a brand, most likely through the consistent application of an accreditation body logo to all the marketing materials, is crucial to getting the message across to different target audiences.

There are many sources of information that can be used to develop an accreditation body’s own marketing campaign. Of primary importance is the “brochure series” of documents available on the ILAC website (<http://www.ilac.org/promotion.html>, please note these documents are currently only available in the members only section for which an access password is required) which have been developed by the ILAC Marketing and Communication Committee (MCC).

#### **The titles include:**

Why Use an Accredited Laboratory?

Why Become an Accredited Laboratory?

How Does Using an Accredited Laboratory Benefit Government and Regulators?

The Advantages of Being an Accredited Laboratory  
Laboratory Accreditation or ISO 9001 Certification

These documents are also available in Chinese, Japanese, Hindi, Spanish, Russian, French and German languages. These brochures are available in “word format” so the text can be applied to an individual accreditation body’s promotional and marketing literature.

Some accreditation bodies have already printed the ILAC brochures with the accreditation body’s contact details and logo clearly visible. The accreditation body do not need to research, write, or edit the brochures. Simply printing with the accreditation body’s information on the brochures is all that is required to provide a valuable marketing resource for accreditation bodies. However, some accreditation bodies have translated the brochures to the language

used in their own economy.

The ILAC website also contains a series of powerpoint presentations that have been prepared for accreditation bodies to use in meetings or workshops. In addition, a CD-ROM, developed by the MCC, was distributed in Cancun to enable accreditation bodies to create their own pop-up banner which can be used at events. Primer documents are also downloadable from the site, which provide members with a step-by-step guide to carry out their own marketing initiatives.

Resources on the EA and APLAC websites provide further web based resources that accreditation bodies may freely use.

At the workshop, the “brochure series” were colourfully displayed in large format for all to see. Members of the MCC provided further explanation of the brochures to the workshop attendees during the morning break.

Other speakers at the workshop were Maria Oldegard from SWEDAC, Martine Blum from COFRAC, and Giselle Guevara from TTLABS, who along with Jon Murthy from UKAS, provided inspiring examples of marketing campaigns from their respective accreditation bodies.

Giselle emphasised that the Trinidad and Tobago accreditation body, TTLABS, was a small accreditation body on a modest budget, but there were many marketing initiatives TTLABS successfully conducted without the budget of a larger accreditation body.

A common theme at the workshop that was shared by all speakers, irrespective of the size of their accreditation body and marketing budget, was the use of *creativity* and *imagination* as valuable and free tools to be used in an accreditation body’s marketing

campaign.

It was universally agreed by the speakers that the documents the MCC have provided, the “brochure series” (available in several languages) are a key resource that all accreditation bodies can use.

The marketing workshop feedback survey has indicated the event was a major success with 94% of respondents noting the workshop was “good to excellent”. Many respondents requested the marketing workshop be repeated again during the ILAC meetings scheduled for Sydney in 2007.

### ***Updates of CNAS***

#### **CNAS Held a Workshop on Accreditation of Medical Laboratories**



A Workshop on Medical Laboratories was held in Guangzhou China hosted by China National Accreditation Service of Conformity Assessment (CNAS) on 27--29, Jan. 2007.

Experts in the fields of laboratory accreditation or laboratory medicine from Canada, Mainland China, Hong Kong and Chinese Taipei attended the workshop. They jointly exchanged and discussed the experiences and existing problems in the accreditation of medical laboratories and implementation of ISO 15189.

Two government departments related to the medical laboratory regulation, Certification and Accreditation

Administration (CNCA) and Ministry of Health (MOH), P. R. China had shown great interests in the discussions at the workshop. They both sent representatives to participate and made speeches at the workshop.

The Workshop covered topics of some common interests in those economies regarding accreditation and regulation of medical laboratories, including setting up and marketing for the medical laboratory accreditation program, the relationship between the government regulation and the accreditation, the process of accreditation and the ways to enhance its credibility, the major difficulties in implementation of ISO 15189 , the possibilities of strengthening cooperation among the region and the sharing of expertise and other technical resources such as PT programs. The workshop also reviewed the progress of international mutual recognition arrangement in the field of medical laboratory accreditation.

The workshop was conducted in both English and Chinese languages, which had led to a better communication and understanding among the colleagues from this group of economies than that at any other similar international forum.

The workshop is recognized by the relevant government authorities in China as a very informative and in-depth forum in the field of medical laboratory accreditation and regulation, and the results from this workshop will form useful inputs into the relevant policy making process in China.

The workshop is also highly appreciated by the participating parties as a successful experience sharing opportunity, and it opened the door to closer technical cooperation in the field medical laboratory accreditation among the region. To this end, all parties agreed to continue with this form of experience

sharing in future, taking into consideration the results from this workshop.

### **Wider Use of CNAS' Accreditation by Government of China**

CNAS' accreditation are now recognized and used more and more widely in recent years by regulators in China. Following are the latest development in this respect:

- a) Beijing Health Bureau requested that organizations that provide medical and health service for 2008 Olympic Games shall be accredited by CNAS to ISO 15189 and shall comply with ISO 15190 for safety. This is the action taken by Beijing government to ensure the quality, competence and safety of testing related to medical and health service for Olympic Games.
- b) Standing Committee of National People's Congress promulgated an *order on Administration of Judicial Testing* which required that organizations engaging in judicial testing activities shall have a testing facility accredited by CNAS. This is the action taken by Chinese government to strengthen the administration of judicial testing organizations so as to improve the justice system in China.

### ***News from ema***

#### **Mexico's National Accreditation Compact**

*Maria Jose Mesen*

The Mexican Accreditation Entity (ema), in an effort to reinforce accreditation in the country, has taken



up the task of setting in motion the initiative of the *National Accreditation Compact* (PNA for its Spanish abbreviation).

What is the *PNA*? It is a voluntary initiative that consist of a public engagement made by companies, organizations and government offices (federal, state and municipal) in which they commit to adopt and support a set of actions, with the intention of promoting and strengthening the Mexican Metrology, Standardization and Conformity Assessment System (SISMENEC for its Spanish abbreviation).

The purpose of this Compact is that all the accredited structure of the country be well-used by all its users: industry, trade, conformity assessment bodies, government offices, universities, research centers, individuals, etc.

The *PNA* is a voluntary affiliation instrument, it is not a legislative instrument, neither does it allow certification or accreditation. The Compact works as a network where those who sign it, according to their policies, needs and/or possibilities, commit to carry out one or all of the following actions:

1. To know accreditation and its benefits.
2. Use the country's accredited structure (accredited laboratories, certification bodies and inspection bodies).
3. Spread accreditation activities and advantages.
4. Continuously improve the accreditation process.
5. Participate in accreditation activities.
6. Report accredited Conformity Assessment Bodies that do not operate according to principles of ethics, transparency and confidentiality.

To be part of the National Accreditation Compact, the interested party must fill in an application form and direct it to *ema*'s Executive Direction, declaring its

interest in the Compact. After signing the *PNA*, each signatory is responsible of fulfilling the acquired commitments; hence there will be no evaluation, but every 12 months they must hand in a report with progresses and activities carried out according to the actions applied for.

The activities to promote the *PNA* begun last November when *ema* visited different Associations



and Chambers, achieving the signature, on December 7<sup>th</sup> 2006, of Mexico City's Chamber of Trade, Services and

Tourism and 4 of its Associations, becoming then the first signatory with the commitment of adopting and supporting all six of the actions.

On January, Mexico's electric sector decided to be a part of the *PNA*, and on the 31<sup>st</sup> of the month, in the facilities of the Federal Electrical Commission, 56 signatories were added to the Compact. During the event held on that day 201 people were present. Later, on February 13<sup>th</sup>, the Industrial Chamber's Confederation, with other 18 signatories were added. To the end of February the *PNA* has gathered more than 200 signatures, among which are industries, research centers, engineer associations, accredited laboratories and bodies, assessors, etc.



Even though many have already signed the *PNA*, the formal launching of the

*National Accreditation Compact* will be carried out on March 20<sup>th</sup>. On this day we expect to have gathered 1000 signatures. It is *ema*'s goal to have 3000 signatories by December 2007.

At *ema*, we believe the *PNA* to be one of our most

ambitious projects for this year, due to its importance in strengthening accreditation at a national level, which is why lots of effort and promotion is being put into this initiative.

#### Recognition of PT Providers in Mexico

In December 2006, the Mexican Accreditation Entity (ema) granted two recognitions for Proficiency Testing Providers by This marks for ema, the beginning of a long road that must be covered to strengthen PT Programmes in the country.

Of the two PT Providers awarded, one is the Mexican Association on Clinical Biochemistry (Asociación Mexicana de Bioquímica Clínica A.C.) with a recognition for Medical Laboratories in the area of Medical Chemistry.

The other is Electrical Certification and Standardization (Normalización y Certificación Electrónica, A.C.) which has been recognized as a proficiency testing provider for testing laboratories in the electric-electronic area.

Although it sounds like a small number of recognitions, it is a big step for ema, and it is hoped the number will increase over time.

### ***News from NATA***

#### **Honours for NATA's Chair**

NATA Chair Dr Barry Inglis has been awarded a Public Service Medal in the Australia Day Honours for outstanding public service in the field of measurement science, particularly his leadership role in the



establishment of the National Measurement Institute.

According to NATA CEO, Mr Tony Russell, Dr Inglis was recognised for providing outstanding leadership of Australian science in the field of metrology.

“He led the establishment of the National Measurement Institute (NMI), working with a broad constituency to create a scientific institution that has a unified vision, converging culture, reputation for output at the highest levels of international scientific performance and an expanding relationship with stakeholders,” Mr Russell said.

“In 2004, Dr Inglis was appointed inaugural Chief Executive Officer and Chief Metrologist of the NMI and has since established the organisation’s capacity to deliver world-class measurement science and services.”

Dr Inglis contributed to the development of metrological infrastructure in the Asia-Pacific region and the scientific directions of international metrology, and used those directions to shape Australian research efforts.

The Commonwealth Governor-General’s Departmental website Australia Day award summary highlighting Dr Inglis’ work said, “Dr Inglis demonstrated an intense commitment to the practical application of metrological science, fostering the development of calibration and testing laboratories across Australia through his service over many decades as a member and, later, as Chairman of the National Association of Testing Authorities.”

The profile praised Dr Inglis’ personal dedication and commitment have provided an appropriate platform for Australia’s measurement system into the 21st century.

Dr Inglis expressed his appreciation of being awarded the honour.

“One does not work in the expectation of recognition but it is very pleasing if it comes along. I am of course delighted to receive the award, but I am particularly pleased for the recognition that it gives to the significance of the National Measurement Institute,” he said.

The Australia Day Honours, introduced in 1975, enables citizens to receive recognition for excellence, achievement and outstanding service in many fields.

Processed by the Awards and Culture Branch of the Department of the Prime Minister and Cabinet, the Prime Minister recommends awards to the Governor-General.

The award ceremony will take place on 9 May at Government House, Sydney, and will be presented by Her Excellency the Governor of NSW.

NATA Chair - Dr Barry Inglis, BE (Hon), PhD, FIE (Aust), CP Eng, FIEEEE, FMSA, FTSE, (Chairman and Audit Committee Member) Chief Executive and Chief Metrologist, National Measurement Institute, Department of Industry, Tourism and Resources.

## ***News from NVLAP***

### **NVLAP Signs MOU with VCCI**

The National Voluntary Laboratory Accreditation Program (NVLAP) and the American Association for Laboratory Accreditation (A2LA) entered into a Memorandum of Understanding (MOU) on December 13, 2006, in Tokyo, Japan, with the Voluntary Control Council for Interference (VCCI). VCCI is a Japanese organization started in the mid-1980s by four Japanese industry companies seeking to control

electromagnetic interference (EMI) with the backing of the Japanese government.

By signing this memorandum, NVLAP and A2LA intend to provide ISO/IEC 17025 accreditation of any electromagnetic compatibility testing laboratory to the Normative Annex 1 Technical Requirements of Regulations (VCCI V-3) for voluntary control measures of VCCI. NVLAP and A2LA will be responsible for notifying VCCI directly with all pertinent information for those laboratories that are accredited to perform testing to VCCI V-3. A form has been developed to capture the necessary information requested by VCCI. This form will be completed during the course of the laboratory assessment. For questions or comments on this agreement, please contact Kurt Fischer at [kurt.fischer@nist.gov](mailto:kurt.fischer@nist.gov) or (301) 975-6061.

To learn more about VCCI, visit the VCCI web site at: [http://www.vcci.or.jp/vcci\\_e/index.html](http://www.vcci.or.jp/vcci_e/index.html)



*Kurt Fischer of NVLAP and Brad Moore of A2LA meet with representatives of the Voluntary EMC Accreditation Center (VLAC) and the Voluntary Control Council for Interference (VCCI) at the MOU signing dinner in Tokyo.*

### **NVLAP Personal Body Armor Program**

The National Voluntary Laboratory Accreditation Program (NVLAP) has agreed to establish a laboratory accreditation program to support the voluntary minimum performance standard for the ballistic- and stab-resistance of personal body armor,

developed for the National Institute of Justice (NIJ) by the National Institute of Standards and Technology (NIST) Office of Law Enforcement Standards (OLES).

The program will address ballistic- and stab-resistant body armor submitted to the NIJ/National Law Enforcement and Corrections Technology Center (NLECTC) for testing and certification in accordance with applicable NIJ standards. Laboratory test results will be used for the purposes of preparing NIJ's Personal Body Armor Consumer Product List. NVLAP-accredited laboratories testing the equipment for certification by NLECTC must be independent of body armor manufacturers, NIJ, NLECTC, and OLES, and be able to perform all of the selected tests as specified in the applicable NIJ standard.

If you would like more information on the Personal Body Armor Program, please contact Hazel M. Richmond at [hazel.richmond@nist.gov](mailto:hazel.richmond@nist.gov) or (301) 975-3024.

### **NVLAP Radiation Detection Instruments program**

The United States Department of Homeland Security (DHS) requested that NIST establish a laboratory accreditation program for laboratories that test radiation detection instruments used in homeland security applications. In response to the request by DHS, and after consultation with interested parties through public workshops and other means, the National Voluntary Laboratory Accreditation Program (NVLAP) has agreed to establish the accreditation program.

NVLAP will accept applications from laboratories that perform testing of radiation detection instruments, such as handheld detectors, radionuclide identifiers,

and portal monitors, using standards developed by the American National Standards Institute (ANSI), the Institute of Electrical and Electronics Engineers (IEEE), and DHS.

If you would like more information on the Radiation Detection Instruments program, please contact Betty Ann Sandoval at [betty.sandoval@nist.gov](mailto:betty.sandoval@nist.gov) or (301) 975-8446.



*Sally Bruce, NVLAP Chief, presents an overview of the NVLAP program, while Jeffrey Horlick and Betty Ann Sandoval confer on the next presentation.*

The National Voluntary Laboratory Accreditation Program (NVLAP) held an assessor training seminar on March 14, 2007, for new assessors for two new U.S. Department of Homeland Security-related programs - Radiation Detection Instruments and Personal Body Armor. Several veteran assessors also attended. NVLAP staff presented all sections of the NIST Handbook 150, *NVLAP Procedures and General Requirements*, which contains the general procedures and requirements under which NVLAP operates as an unbiased third-party accreditation body.

## APLAC PUBLICATIONS LIST

Most of the following APLAC documents are available from the APLAC website. They can also be emailed out by the APLAC Secretariat as PDF files.

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### APLAC Mutual Recognition Arrangement Advisory Committee

APLAC MR001 #	Issue No.12 11/06	Procedures for Establishing and Maintaining Mutual Recognition Agreements Between Accreditation Bodies
APLAC MR002 (Rev 1) #	Issues No 09/06	Asia Pacific Laboratory Accreditation Cooperation Mutual Recognition Arrangement
APLAC MR003	Issue No.12 11/06	Application for Signatory Status in the APLAC Multilateral Mutual Recognition Arrangement (APLAC MRA)
APLAC MR004	Issue No.7 11 /06	APLAC Evaluators - Qualifications and Monitoring Performance.
APLAC MR006	Issue No.2 07/06	Procedure for conduct of joint evaluation for another region.
APLAC MR007	Issue No.1 01 /06	APLAC Evaluation Checklist
APLAC MR008	Issue No.1 11/06	APLAC MRA Council - Rules for Operation
APLAC MR009	Issue No.1 02/07	APLAC Evaluation Report Template

### APLAC Quality Manual

APLAC QM	Issue No.1 02 /07	APLAC Quality Manual
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### APLAC Proficiency Testing Committee

APLAC PT001	Issue No.4 01 /06	APLAC Calibration Inter laboratory Comparisons
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<b>APLAC PT002</b>	<b>Issue No.5 01 /06</b>	<b>APLAC Testing Interlaboratory Comparisons</b>
<b>APLAC PT003</b>	<b>Issue No.8 12 /06</b>	<b>APLAC Proficiency Testing Directory</b>
<b>APLAC PT004</b>	<b>Issue No.5 01 /06</b>	<b>APLAC Measurement Audits</b>
<b>APLAC PT005</b>	<b>Issue No.1 06 /04</b>	<b>Artefacts for Measurement Audits</b>

### APLAC Public Information Committee

<b>APLAC PR007</b>	<b>Issue No.22 02 /07</b>	<b>Power Point Presentation - APLAC Its Role And Structure</b>
<b>APLAC PR008</b>	<b>Issue No.28 02 /07</b>	<b>International Recognition of Accredited Test, Calibration and Inspection Reports</b>
<b>APLAC PR009</b>	<b>Issue No.5 07 /04</b>	<b>APLAC Procedures for Editors of APLAC News Notes</b>
<b>APLAC PR010</b>	<b>Issue No.1 08/06</b>	<b>Encouraging Accredited Laboratories and Inspection Bodies to Use Their Accreditation Body's Accreditation Symbol on Reports</b>
<b>APLAC PR011</b>	<b>Issue No.1 08/06</b>	<b>Guidance for the Promotion of the APLAC MRA</b>
<b>APLAC Presentation</b>		<b>Power Point Slide Template</b>

### APLAC Secretariat

<b>APLAC SEC001*</b>		<b>Historical Document Contact the APLAC secretariat.</b>
<b>APLAC SEC009</b>	<b>Issue No.106 02 /07</b>	<b>APLAC Publications List</b>
<b>APLAC SEC017</b>	<b>Issue No.11 10 /06</b>	<b>APLAC Application for Membership</b>
<b>APLAC SEC020</b>	<b>Issue No.69 02 /07</b>	<b>APLAC General Assembly and MRA Council Delegates List</b>

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<b>APLAC SEC021</b>	<b>Issue No.27 01 /07</b>	<b>APLAC Board of Management Membership List</b>
<b>APLAC SEC022</b>	<b>Issue No.22 02/07</b>	<b>Committee Chairs and Secretaries</b>
<b>APLAC SEC023</b>	<b>Deleted</b>	<b>APLAC MRA Council Membership List (see SEC 020 above)</b>
<b>APLAC SEC038</b>	<b>Issue No.34 02/07</b>	<b>APLAC Membership Summary List</b>
<b>APLAC SEC039</b>	<b>Issue No19 12 /06</b>	<b>APLAC MRA Signatories Summary List</b>
<b>APLAC SEC041</b>	<b>Issue No. 3 08 /04</b>	<b>APLAC Guidelines for Hosts of the APLAC General Assembly and Associated Meetings (only available from the Secretariat)</b>
<b>APLAC SEC042*</b>	<b>Issue No.3 11 /03</b>	<b>Code of Ethics</b>
<b>APLAC SEC046</b>	<b>Issue No. 1 12 /03</b>	<b>Guidelines for use of the APLAC Logo</b>
<b>APLAC SEC050</b>	<b>Issue No. 1 08/04</b>	<b>Guidelines for APLAC MRA signatories when accrediting laboratories or inspection bodies within the economy of another APLAC MRA signatory</b>
<b>APLAC SEC052*</b>	<b>Issue No. 1 10/05</b>	<b>APLAC Constitution</b>

### APLAC Technical Committee

<b>APLAC TC002</b>	<b>Issue No.3 5 /06</b>	<b>APLAC Internal Audits for Laboratories and Inspection Bodies</b>
<b>APLAC TC003</b>	<b>Issue No.3 5 /06</b>	<b>APLAC Management Review for Laboratories and Inspection Bodies</b>
<b>APLAC TC004</b>	<b>Issue No.3 12/06</b>	<b>APLAC Method of Stating Test and Calibration Results and Compliance with Specification</b>
<b>APLAC TC005</b>	<b>Issue No.3 12 /06</b>	<b>Interpretation and Guidance on the Estimation of Uncertainty of Measurement in Testing</b>
<b>APLAC TC006</b>	<b>Issue No.1 07 /04</b>	<b>APLAC Guidance notes on ISO/IEC 17020</b>

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**APLAC TC007**

**Issue No.1**

**10/05**

**APLAC Guidelines for Food Testing Laboratories.**

## **APLAC Training Committee**

**APLAC TR001**

**Issue No.1**

**12 /01**

**Guidelines on Training course for Assessors**

\* Adherence to these APLAC documents is mandatory for all APLAC members (Full and Associate)

# Adherence to these APLAC documents is mandatory for all signatories to the APLAC mutual Recognition Arrangement (MRA)