

# HKAS



News Issue No. 64

Hong Kong Accreditation Service

August 2018



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**Implementation  
of ISO/IEC  
17025:2017**



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**International Accreditation  
Forum (IAF) and  
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**The World Metrology  
Day, World  
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Forum 2018**



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# The World Metrology Day, World Accreditation Day and World Standards Day Forum 2018



The WMD, WAD and WSD Forum 2018 in Hong Kong (from left to right: Mr Yan Yui-kuen, Dr Della Sin, Mr Adrian Goh, Prof. Joachim Hermann Ullrich, Mr Ivan Lee, Mr Jon Murthy, Prof. Albert Yu, Ms Bella Ho and Dr Fung Wai-hong)

Metrology, accreditation and standardisation are the three important components of the quality infrastructure. They work in harness to protect public health and interests, enhance consumers' confidence in goods and services, promote innovation and competitiveness, and facilitate communications among different parties. To appreciate the value and interdependence of these three pillars in our everyday lives, Hong Kong Accreditation Service, in collaboration with the Standards and Calibration Laboratory and Product Standards Information Bureau of the Innovation and Technology Commission, the Hong Kong Council for Testing and Certification and the Government Laboratory, organised a forum on 11 July 2018 to celebrate this year's World Metrology Day (WMD), World Accreditation Day (WAD) and World Standards Day (WSD) together. The forum attracted over 150 participants, including practitioners from the testing and certification industry, users of conformity assessment services, technical experts in the field, and those from academia

and government departments.

Mr Ivan Lee, Deputy Commissioner for Innovation and Technology, addressed in his welcoming remarks that standards, accreditation and metrology had been supporting the production of safe, fit-for-use and high-quality goods and services throughout the global supply chain. They are indispensable in protecting public health and safety, as well as driving innovation and technology development. Dr Della Sin, the Government Chemist, then officiated the opening of the forum and introduced the guest speakers to the audience. We had the honour to invite Professor Joachim Ullrich, President



of the Consultative Committee for Units of the International Committee of Weights and Measures (CIPM); Mr Jon Murthy, Chairperson of the ILAC Marketing and Communications Committee and IAF Communications and Marketing Committee; and Mr Adrian Goh, Director of the ISO Regional Engagement Initiative – Asia, to speak at the event.

### **Constant Evolution of the International System of Units**

Professor Joachim Ullrich was the first speaker and his talk was about the revised International System of Units (SI) and how they help create the future. Professor Ullrich explained to the audience what the proposed revisions of SI were and reasons behind the changes. He stressed that by defining all base units in fundamental constants, realisation of the units would become more convenient and flexible, and with much improved measurement uncertainty. Although the revision would not directly affect daily lives, it would tremendously support technology advancement and facilitate innovative applications.

### **Accreditation: Delivering a Safer World**

Mr Jon Murthy, shared with the audience roles of the quality infrastructure in ensuring our health and safety. While it might be difficult to quantify the value of the quality infrastructure, there have been numerous examples on how it supported public safety initiatives. Through showcasing case studies from regulators and business sectors around the world, Mr Murthy illustrated that accredited conformity assessments had actively contributed to the reduction of workplace and household hazards, food incidents, as well as product recalls.

### **International Standards and the Fourth Industrial Revolution**

Matching the theme of this year's WSD, Mr Adrian Goh gave a presentation on recent initiatives in ISO that support the Fourth



Industrial Revolution. Mr Goh explained that the 'interoperability' between the physical, digital and biological worlds is the essence of the Fourth Industrial Revolution, and standards could largely facilitate communication at the interfaces. He then introduced to the audience some new ISO standards developed for different fronts in Industry 4.0, including those for personal care robots, cybersecurity, smart manufacturing, intelligent transport and smart cities.

In addition to overseas guest speakers, two local speakers were invited to share their views on interesting topics relating to the quality infrastructure. Mr Bryan Cheung, Senior Manager of the MTR Corporation Limited, talked about how his organisation made use of measurement and monitoring data to help correct, prevent and even predict failures in the railway systems. On the other hand, Dr Fung Wai-hong from the Government Laboratory introduced his organisation's work in chemical metrology and its importance in upholding public health and safety, such as in monitoring environmental pollution and food contaminants.

After the talks, a question and answer session was held during which speakers answered many interesting questions from participants on matters relating to the topics presented.

# Implementation of ISO/IEC 17025:2017

Following the publication of ISO/IEC 17025:2017 in November 2017, HKAS has published an implementation schedule for ISO/IEC 17025:2017 on its website at [www.hkas.gov.hk](http://www.hkas.gov.hk). Three repeated sessions of a seminar titled 'Seminar on Implementation of ISO/IEC 17025:2017 for Testing and Calibration Laboratories' were conducted on 29 am January, 29 pm January and 23 am February 2018 to explain the details to accredited laboratories.

The arrangement and timeline for implementing ISO/IEC 17025:2017 were presented to the accredited laboratories. In preparation for the transition, all accredited laboratories are required to:

- (i) prepare a transition plan detailing the changes to its management system and the time frame for implementation of the requirements of ISO/IEC 17025:2017;
- (ii) submit the transition plan to HKAS Executive by **1 September 2018** (or within one month from the date of obtaining accreditation to ISO/IEC 17025:2005 for any newly accredited laboratories).

The plan shall ensure that all on-site assessments by HKAS for confirming conformity with ISO/IEC 17025:2017 are completed by 1 May 2020. Such on-site assessments can be conducted: (a) together with routine surveillance visits/ reassessments; or (b) earlier as additional assessments, which can be combined with ad-hoc assessment(s) for extension of scope of accreditation as appropriate.



Ms Sandra Ho, HKAS Technical Assessor, introduces the concept of risk management to participants from accredited laboratories

Besides the implementation details, the seminar also covered the main changes in ISO/IEC 17025:2017, including, but not limited to, the adoption of ISO/CASCO common structure and elements in the standard, impartiality and confidentiality requirements, risk-based thinking, process approach for laboratory activities, information technology, new requirement on decision rule, etc.

In total, 357 persons representing 200 accredited laboratories joined the series seminars. In general the audience participated in discussion actively and raised questions on various topics such as purpose and details of the transition assessments, how to address the new requirements on risks, handling of impartiality in a laboratory context, estimating measurement uncertainty for sampling activities, making compliance statement to specification, amendment of test reports, etc. Feedback from the participants was mostly satisfactory and they generally found that the seminar is a good opportunity for them to have a better understanding of the revised standard.

A special session of the seminar was also organised for HKAS technical assessors on 13 February 2018 providing details on the revised standards. Eighty-five technical assessors from a range of technical disciplines attended the event. There was also active discussion on various topics and the outcome was fruitful.

Dr Ho Chun-wah, Senior Accreditation Officer, HKAS, explains the implementation details of ISO/IEC 17025:2017 to audience



## The Secretary for the Civil Service visits ITC

The Secretary for the Civil Service, Mr Joshua Law, visited the Innovation and Technology Commission (ITC) on 20 July 2018 to learn more about the work of the department and meet with colleagues.

Accompanied by the Permanent Secretary for the Civil Service, Mr Thomas Chow, Mr Law met with the Commissioner for Innovation and Technology, Ms Annie Choi, and senior management of ITC to get an update on the department's work in promoting innovation and technology.

During the visit, Mr Law toured the Hong Kong Accreditation Service to learn about how it helps upkeep the standard of local conformity assessment services, and the wide range of accreditation services it provides to support the development of the testing and certification industry.

Mr Law also visited the Standard and Calibration Laboratory and the Product Standards Information Bureau. He was pleased to note that accredited conformity assessment service, metrology and standards together support the production of safe, fit-for-use and high-quality goods and services. He also commended ITC colleagues for their professionalism, and encouraged them to continue to contribute to innovation and technology development.



## New Staff Member

Mr Suthon Srochviksit joined HKAS as an Accreditation Officer in June 2018. He holds a Bachelor of Engineering degree in Industrial Engineering and Technology Management from The University of Hong Kong and a Master of Engineering degree in Petroleum Engineering from Chulalongkorn University, Thailand. Prior to working with HKAS, he spent over 6 years in oil and gas sector. Mr Srochviksit is a Chartered Engineer and a professional member of both The Institute of Materials, Minerals and Mining (UK) and Society of Petroleum Engineers (SPE). He is also a member of The Hong Kong Institution of Engineers. At HKAS, Mr Srochviksit will mainly focus on accreditation services related to Construction Materials.



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## No more HKAS-organised proficiency testing

ISO/IEC 17011:2017 specifies provision of proficiency testing as one kind of conformity assessment activity and according to Clause 4.4.11 of this standard, accreditation bodies shall not offer conformity assessment activities covered by accreditation. In order to conform to this requirement, HKAS no longer organises proficiency testing for accredited laboratories. Accredited laboratories shall participate in proficiency testing organised by a proficiency testing provider (PTP), and preferably a PTP accredited to ISO/IEC 17043 and/or participate in interlaboratory comparisons.



## 2018 APLAC / PAC Joint Annual Meetings

Members of Asia Pacific Laboratory Accreditation Cooperation (APLAC) and Pacific Accreditation Cooperation (PAC) gathered at Kyoto, Japan from 1-9 June 2018 to have their fifth and final joint meetings. This event was organised by four accreditation bodies in Japan: International Accreditation Japan (IA Japan), ISMS Accreditation Center (ISMS-AC), Japan Accreditation Board (JAB) and Voluntary EMC Laboratory Accreditation Center Inc. (VLAC). Several HKAS officers attended this weeklong event.

Different committees met during the week and discussed operational issues of the two regional bodies. This week was an important moment for APLAC and PAC as members opted for the merger of the two regional bodies to form a new regional body named Asia Pacific Accreditation Cooperation (APAC) starting from 1st January 2019.



## Seminar on Cybersecurity Testing

Smart cities and internet of things (IoT) get people and products more connected than ever, they bring in innovative solutions, convenience and enjoyment to the society but at the same time, poses serious and unprecedented threat. To raise the general awareness of cybersecurity, Hong Kong Accreditation Service and The Hong Kong Council for Testing and Certification organised a seminar on 12 July 2018 and invited six speakers to share with audience the challenges the world is facing and possible strategies, from the angle of conformity assessments, to tackle the problem.

IoT is everywhere: smart toys, CCTV, smart door locks and pacemakers in patients, even smart rifle. With these vivid examples and a collection of news reports, Mr Ronald Pong, Council Member of Smart City Consortium, alerted audience how vulnerable the society is against hackers' attack. One can imagine the detrimental effect the hackers can bring. It can be property loss, leakage of private and confidential information, or breakdown of the national security system. Mr Pong advocated that smart products should be tested, evaluated, identified and traced, so that they can be monitored and if anything happens, investigation can be done.

Mr Bernard Kan, Senior Consultant of Hong Kong Productivity Council then analysed the situation in Hong Kong. Hong Kong Computer Emergency Response Team Coordination Centre (HKCERT), where Mr Kan works for,



received over 6,500 security incidents reports in 2017. The number of incidents increases steadily over the past few years. In the seminar, Mr Kan introduced security tools and resources HKCERT can offer.

To let the audience know more about the collaborative effort in promoting cybersecurity, Dr Shi Hongsong, Director of Research Laboratory on IT Security Evaluation, China Information Technology Security Evaluation Center, introduced the development and application of Common Criteria for IT security evaluation. Mr Wang Junshu, Testing Engineer, The Fifth Electronics Research Institute of the Ministry of Industry and Information Technology gave more details on the use of ISO/IEC 15408 and other related standards for cybersecurity in China. Ms Gonda Lamberink, Senior Business Development Manager, UL International Ltd. shared the development of UL 2900 series of standard and other initiatives her company provides to assist manufacturers to assess software vulnerability and review security control.



Cybersecurity is of utmost importance to businesses nowadays because a loophole in the IT system could lead to unbearable consequences, for example, reputation damage, financial penalties, mitigation cost and loss of customer trust. Mr Jon Murthy, Chair of both the International Laboratory Accreditation Cooperation and International Accreditation Forum Communications Committee, introduced a risk-based systems approach for cybersecurity which helps business to map suitable form of conformity assessments according to risk level – they can be self-declaration, third party certification, testing and inspection.

This seminar attracted 42 participants and many of them were from testing service providers, IT security consultants and trading organisations. It serves as a starting point for traders to explore useful tools for ensuring product security in IoT era. This is also a platform to stimulate thoughts on what the testing and certification industry can offer in this fast-developing domain.



Ms Gonda Lamberink



Mr Bernard Kan



Mr Jon Murthy



Mr Ronald Pong



Mr Shi Hongsong

## Peer evaluation of HKAS by APLAC and PAC

HKAS is a signatory to the Asia Pacific Laboratory Accreditation Cooperation (APLAC) Mutual Recognition Arrangement (MRA) for medical and non-medical testing, calibration, proficiency testing providers and reference material producers. It is also a signatory to the Pacific Accreditation Cooperation (PAC) Multilateral Recognition Arrangement (MLA) for quality management system certification, environmental management system certification, energy management system certification, food safety management system certification, product certification, as well as greenhouse gas validation and verification. In order to maintain these signatory statuses, HKAS must operate in accordance with ISO/IEC 17011 and mandatory requirements set out by APLAC and PAC. The two regional bodies evaluate HKAS at least once every four years to ensure that the relevant criteria are met.

The latest APLAC and PAC peer evaluation of HKAS was conducted in April and May 2018. The peer evaluation teams comprised 11 members from 10 different economies in the

Asia Pacific region, who are all experienced assessors in their accreditation bodies. A representative from the International Accreditation Forum (IAF) also joined the team as an observer. The evaluation covered all accreditation activities of HKAS under the APLAC MRA and PAC MLA. During the evaluation, evaluators not only assessed the management system and operation of HKAS at the office, but also witnessed a number of assessments at different laboratories, inspection bodies and certification bodies. HKAS would like to take this opportunity to thank all organisations that allowed their assessments to be witnessed for the kind assistance and hospitality to the evaluation teams.

The evaluation teams' reports on HKAS performance will be discussed among the APLAC MRA Council and PAC MLA Group later this year. In case any actions required to address the observations of the teams arise, HKAS will inform all affected parties in due course.



# International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC) Mid-Term Meetings 2018

The IAF-ILAC Mid-Term Meetings is an event jointly organised by International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC) held yearly between the IAF/ILAC Annual General Assembly Meetings. Same as last year, this year's mid-term meetings were held in Frankfurt, Germany from 4 to 7 April 2018. The event consisted of a series of meetings, including task force, working group and committee meetings.

Readers may be interested in the following information:

## ILAC

### ILAC Accreditation Committee (AIC)

ISO/CASCO has just published the standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories for accreditation of non-medical testing and calibration laboratories. The AIC is identifying Working Groups (WGs) to take on the responsibility to revise various ILAC technical documents including ILAC P9, P10, P14, G8, G17 and G18 for alignment with the revised standard.

The AIC WG on sampling has been discussing the issue of accrediting sampling as a standalone activity. In this AIC meeting, HKAS shared a case with the WG members in accrediting inspection bodies in Hong Kong for collecting air samples for determination of airborne bacteria.

Members from 5 accreditation bodies (ABs), viz. SAS, UKAS, NATA, EMA and DANAK shared their experience and challenges in accrediting medical imaging. In general either ISO/IEC 17025 or ISO 15189 can be used as the accreditation standard for accrediting medical imaging. Some of the ABs (e.g. UKAS and NATA) pointed out that support from professional organisations (e.g. Royal College

of Radiologists and the College of Radiographers in UK and the Royal Australian and New Zealand College of Radiologist in Australia and new Zealand) is essential for successful operation of the relevant accreditation programmes.

### ILAC Arrangement Committee (ARC)

Two ILAC documents are being revised by the ARC, viz. ILAC G21 on cross frontier accreditation and ILAC P8 on the use of accreditation symbols and claims of accreditation status by accredited laboratories and inspection bodies.

### ILAC Inspection Committee (IC)

IC is currently working on two ILAC guidance documents, one on guidance for the formulation of scope of accreditation for inspection bodies and the other on accreditation of bodies performing non-destructive testing (NDT) activities. Draft of the former document has been circulated among ILAC members for 60-day comment and subsequently been revised taking into account the comments received. The final document is ready for 30-day ballot by ILAC members. Preparation of the NDT document is still in progress.

**The WG on Management System Certification (ISO/IEC 17021)** recommended that data regarding the transition rate for certification to ISO 9001: 2015 and ISO 14001: 2015 to be collected on 30 June and 30 September 2018 for further analysis.

The WG on Greenhouse Gases (ISO 14065) and Energy reported that IAF MD 6 and IAF MD 14 would be revised such that GHG accreditation service could be expanded to cover Carbon Offsetting and Reduction Scheme for International Aviation (CORSA) administered by International Civil Aviation Organisation (ICAO).

**The IAF Technical Committee (TC)** reported that IAF MD 21 – Requirements for the Migration to ISO 45001: 2018 from OHSAS 18001: 2007 and IAF MD 22 – Application of ISO/IEC 17021-1 for the Certification of Occupational Health and Safety Management Systems (OH&SMS) were

published in January 2018 and the associated TFs had been disbanded.

Issue 2 of IAF MD 1 – Audit and Certification of a Management System Operated by a Multi-site Organisation was published on 29 January 2018. The IAF TC confirmed that MD 5:2015 Determination of Audit Time of Quality and Environmental Management Systems would be revised as there was conflict between MD 5 and the latest version of MD 1.

The IAF TC confirmed that certification bodies accredited for providing OHSMS certification to OHSAS 18001: 2007 can issue non-accredited ISO 45001: 2018 certificates up to the time that they complete their accreditation application. The certification bodies must then transition/upgrade those non-accredited certificates to accredited status within one year from the date of accreditation decision.

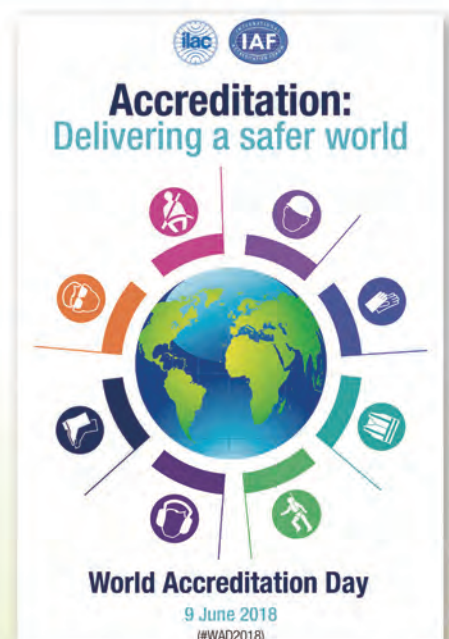
## World Accreditation Day 2018

9 June 2018 marks the World Accreditation Day which is a global initiative jointly established by the International Accreditation Forum (IAF) and the International Laboratory Accreditation Cooperation (ILAC) to raise awareness of the importance of accreditation.

The theme this year is about on how accreditation delivers a safer world. Accreditation bodies around the world

celebrate this important day creatively. Media coverage, seminars, exhibition, workshops have taken place to showcase the value accreditation brings to health and safety of the world.

A video about this year's World Accreditation Day is available on the internet. This video has been translated into 34 languages. For more details, please visit ILAC or IAF websites.



# HKAS Assessor and Lead Assessor Forum 2018

Assessors and technical experts are very important partners of HKAS. Our accreditation schemes cannot be run so successfully without their valuable contribution. To share the progress of HKAS' work and other interesting topics with them, HKAS annually organises the Assessor and Lead Assessor Forum. The Forum was held on 9 March 2018 with about 200 participants joining this event.



HKAS thanks assessors for their significant contribution over the years

## Assessor Forum

The Assessor Forum was held in the morning session. Ms Bella Ho, the Executive Administrator of HKAS, opened the forum by reporting the work of HKAS in the past year, and she thanked all assessors and technical experts for their continuous support. Her speech was followed by talks of two invited speakers, Ms Mandy Lee, Acting Chief Corruption Prevention Officer from the Corruption Prevention Department of Independent Commission Against Corruption (ICAC) and Dr Tony Tan, Senior Inspector of Police from the Advanced Technology Section of Hong Kong Police Force's Identification Bureau. Ms Lee was invited to

give the audience a refreshment of integrity management during assessments as it is the cornerstone to the credibility of HKAS accreditation. Dr Tan, whose section was recently accredited by HKAS, then shared with participants his laboratory's interesting and important work on forensic fingerprint analysis.

## Certificate presentation ceremony

Prof. Vivian Yam, the Chair of the Accreditation Advisory Board, presented certificates of accreditation to newly accredited conformity assessment bodies granted from February 2017 to January 2018. In addition, ten assessors were awarded the certificate of appreciation for their significant contribution to HKAS

(from left to right) Dr Tony Tan,  
Ms Mandy Lee, Ms Bella Ho and  
Prof. Vivian Yam

## HKAS ASSESSOR FORUM 2018 9 MARCH 2018



Dr Tony Tan shares his work on fingerprint analysis



Ms Mandy Lee reiterates the importance of integrity management



Ms Bella Ho reviews the achievement of HKAS in 2017

assessments. After the presentation ceremony, assessors were split into five groups according to their expertise to discuss matters specific to their technical fields.

### Lead assessor forum

The afternoon session was dedicated to lead assessors including HKAS officers and external lead assessors. As all accredited organisations must implement a Code of Conduct for their personnel, it is important for lead assessors to understand how to assess it. Ms Lee from ICAC therefore spoke in the afternoon again to explain the essential elements of Code of Conduct in more detail. In addition, Ms Sandra Ho, an experienced lead assessor, was invited

to talk about risk management, which is a new element in ISO/IEC 17025:2017. HKAS also took the opportunity to inform lead assessors of recently revised documents and decisions made by HKAS Executive in the past year that were relevant to assessment work.



Lead assessors discuss how to assess Code of Conduct

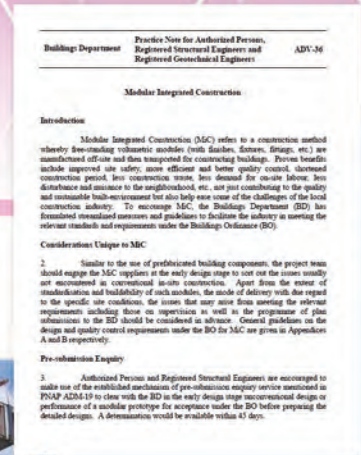
# Modular Integrated Construction (MiC)

The Chief Executive announced in her Policy Address 2017 to support non-profit-making organisations to explore the feasibility of constructing pre-fabricated modular housing. In his Budget Speech for FY 2018/19, the Financial Secretary pointed out that, despite its acclaim for high efficiency, Hong Kong's construction industry must continue to upgrade through wider adoption of innovative technologies to enhance productivity, quality, environmental performance and site safety. He proposed to set up a Construction Innovation and Technology Fund to boost the capacities of the industry to adopt new technology and support the industry to harness innovative technology.

One of the innovative technologies is the use of Modular Integrated Construction (MiC) for buildings. Adopting MiC, the construction industry will no longer require the conventional labour-intensive and cluttered on-site operations. Instead, fabrication of reinforcing steel bars and/or concreting operations will be completed in off-site prefabrication yards like industrial manufacturing. Completed modular units will then be delivered and assembled on site. It is hoped that, through a better working environment and reducing the chance of working at height, construction safety would be further enhanced.

For implementation, the Government will take the lead in piloting MiC in public works projects. Development Bureau is conducting studies on relevant manufacturing facilities to promote a wider use of MiC. The Government is considering extending the current gross floor area concessions

Practice Note Authorized Persons No. ADV-36 issued by Buildings Department in Dec 2017



Modular Integrated Construction  
Source from  
BCA Singapore

as an incentive for promoting MiC in the private sector. Buildings Department (BD) issued a new Practice Note (ADV-36) on Modular Integrated Construction in December 2017 to provide guidelines for the industry in meeting the requirements under the Buildings Ordinance. According to the Practice Note, a requirement will be imposed under Building (Administration) Regulations to require submission of a Quality Assurance Scheme of the MiC supplier prior to the consent application of the superstructure works. The Quality Assurance Scheme shall include, among other requirements, frequency and extent of inspection and audit by independent parties, which refer to those who are not under direct employment of the prefabrication factory. They are either accredited certification bodies or accredited inspection bodies under HKCAS and HKIAS operated by HKAS respectively.

It is anticipated that there will be increasing reliance of private buildings on using accredited services for MiC. If you are an accredited certification body or an accredited inspection body, you may wish to apply for accreditation with HKAS with a view to meeting the requirements as set out by the Buildings Department.

## New and Revised HKAS Documents

Since the last issue of HKAS News, a number of HKAS, HOKLAS, HKIAS and HKCAS documents have been revised or newly published. These are shown in the following table with their respective dates of implementation. The supplementary criteria are mandatory documents and HKAS accredited organisations are advised to study them carefully and adjust their management system and/or operation procedures accordingly on or before the implementation dates. These documents are available at our website at [www.hkas.gov.hk](http://www.hkas.gov.hk).

| Document Code   | HKAS published document  | Version      | Publication Date | Implementation Date |
|-----------------|--|--------------|------------------|---------------------|
| *HKAS PD001     | HKAS Policy for Accreditation of Laboratories according to ISO/IEC 17025:2017 under HOKLAS (ISO/IEC 17025:2017 HOKLAS Policy)  | Issue 1      | Jun-2018         | Jul-2018            |
| HKCAS 003:2015  | Technical Criteria for Accreditation of Management System Certification Bodies (ISO/IEC 17021-1:2015, Conformity assessment - Requirements for bodies providing audit and certification of management systems -Part 1: Requirements, MOD) (Abridged Version) | Amend. No. 1 | Mar-2018         | Mar-2018            |
| HKCAS 003C:2015 | HKCAS 003C:2015 《管理體系認證機構認可技術準則》(ISO/IEC 17021-1:2015 — 《合格評定—管理體系審核和認證機構的規定—第一部分：規定》·MOD) (縮略本)   | 第一次修訂        | Mar-2018         | Mar-2018            |
| HKCAS 006       | Schedule of Fees for Accreditation of Certification Bodies and Validation / Verification Bodies within the Hong Kong Special Administrative Region (Effective from 30 March 2018)  | Mar 2018     | Mar-2018         | Mar-2018            |
| HKCAS 007-A1    | Scope of Accreditation Sought (for New Application for Accreditation or Extension of Scope of Accreditation only)  | Jun 2018     | Jun-2018         | Jun-2018            |
| HKCAS 007-A1    | Scope of Accreditation Sought (for New Application for Accreditation or Extension of Scope of Accreditation only)  | Mar 2018     | Mar-2018         | Mar-2018            |
| HKCAS 007-A2G   | Management System Checklist(for OHSMS Certification)   | Mar 2018     | Mar-2018         | Mar-2018            |
| HKCAS 013       | Assessment / Reassessment Questionnaire for Product Certification (based on ISO/IEC 17065:2012)  | Apr 2018     | Mar-2018         | Mar-2018            |
| HKCAS 016       | Application for using the Combined IAF MLA Mark  | May 2018     | May-2018         | May-2018            |
| HKCAS 021       | Assessment / Reassessment Questionnaire for Greenhouse Gas Validation and Verification   | Apr 2018     | Apr-2018         | Apr-2018            |
| *HKCAS 021-A1   | Scope of Accreditation Sought (for new application for accreditation or extension of scope of accreditation only)  | Apr 2018     | Apr-2018         | Apr-2018            |
| *HKCAS 021-A2A  | Management System Checklist (for any Greenhouse Gas Validation and Verification)   | Apr 2018     | Apr-2018         | Apr-2018            |
| *HKCAS 021-A2B  | Management System Checklist (for Verification of Greenhouse Gas Assertions at Organisation Level, and Validation and/or Verification of Greenhouse Gas Assertions at Project Level)  | Apr 2018     | Apr-2018         | Apr-2018            |
| *HKCAS 021-A2C  | Management System Checklist (for Verification of Carbon Footprint of a Product Study Report)   | Apr 2018     | Apr-2018         | Apr-2018            |
| HKCAS AP003     | HKCAS Application Package 003 'Accreditation of Greenhouse Gas (GHG) Validation and Verification Bodies 溫室氣體審定和核查機構的認可'  | Apr 2018     | Apr-2018         | Apr-2018            |
| HKCAS IN001     | Application Procedures for HKCAS Accreditation (Informative)   | Issue 3      | Apr-2018         | Apr-2018            |
| HKCAS SC-07     | HKCAS Supplementary Criteria No. 7 "Accreditation Programme for Occupational Health and Safety Management System Certification"  | Issue 5      | Mar-2018         | Mar-2018            |



| Document Code | HKAS published document   | Version  | Publication Date | Implementation Date |
|---------------|---|----------|------------------|---------------------|
| HKCAS SC-14   | HKCAS Supplementary Criteria No. 14 'Requirements for Hong Kong Certification Bodies Sending Staff to the Mainland to Provide Certification Service'  | Issue 2  | Jun-2018         | Jun-2018            |
| HKCAS SC-14C  | 認證機構認可計劃補充準則第 14 號 - 關於香港認證機構派員赴內地進行認證活動的要求   | Issue 2  | Jun-2018         | Jun-2018            |
| HKIAS 006     | Schedule of Accreditation Fees for Inspection Bodies within the Hong Kong Special Administrative Region (Effective from 30 March 2018)  | Mar 2018 | Mar-2018         | Mar-2018            |
| HKIAS 007     | Assessment / Reassessment Questionnaire (based on HKIAS 003 4th edition)  | Apr 2018 | Apr-2018         | Apr-2018            |
| HKIAS SC-05   | HKIAS Supplementary Criteria No. 5 'Accreditation Regulations Specific for HKIAS - Inspection Body'   | Issue 5  | Jun-2018         | Jun-2018            |
| HOKLAS 006    | Schedule of Accreditation Fees for Organisations within the Hong Kong Special Administrative Region (Effective from 30 March 2018)  | Mar 2018 | Mar-2018         | Mar-2018            |
| HOKLAS 013    | Schedule of Accreditation Fees for Organisations outside of the Hong Kong Special Administrative Region (Effective from 30 March 2018)  | Mar 2018 | Mar-2018         | Mar-2018            |
| HOKLAS 023    | Assessment / Reassessment Questionnaire for Reference Material Producers (for HOKLAS 022:2017)  | Mar 2018 | Mar-2018         | Mar-2018            |
| HOKLAS SC-05  | HOKLAS Supplementary Criteria No. 5 " 'Environmental Testing' Test Category - Asbestos Sampling and Testing"  | Issue 7  | Mar-2018         | Mar-2018            |
| HOKLAS SC-14  | HOKLAS Supplementary Criteria No. 14 "'Electrical and Electronic Products' and 'Toys and Children's Products' Test Categories – Electrical Tests "  | Issue 6  | Jun-2018         | Jun-2018            |
| HOKLAS SC-33  | HOKLAS Supplementary Criteria No. 33 'Accreditation Regulations Specific for HOKLAS - Laboratory'   | Issue 6  | Jun-2018         | Jul-2018            |
| HOKLAS SC-33  | HOKLAS Supplementary Criteria No. 33 'Accreditation Regulations Specific for HOKLAS - Laboratory'   | Issue 7  | Jun-2018         | Jun-2018            |
| HOKLAS SC-34  | HOKLAS Supplementary Criteria No. 34 'Accreditation Regulations Specific for HOKLAS – Proficiency Testing Provider'   | Issue 5  | Jun-2018         | Jun-2018            |
| HOKLAS SC-49  | HOKLAS Supplementary Criteria No. 49 'Accreditation Requirements for Undertaking Testing Services for Mainland Voluntary Certification'   | Issue 4  | Apr-2018         | Apr-2018            |
| HOKLAS SC-49C | 實驗所認可計劃補充準則第 49 號 - 承擔中國內地自願性認證相關檢測服務的認可要求  | 第四版      | Apr-2018         | Apr-2018            |
| *HOKLAS SC-53 | HOKLAS Supplementary Criteria No. 53 'Chemical Testing' Test Category – Accreditation of Laboratories for Testing of Composite Wood Products for Formaldehyde Emission to Support the US Environmental Protection Agency (EPA) Toxic Substances Control Act (TSCA) Title VI Third-Party Certification Program | Issue 1  | Mar-2018         | Mar-2018            |

\*New publication

## Proficiency Testing Updates

An update on the proficiency testing programmes organised by HKAS is given below (as at 30 Jun 2018):

| Test Category  | Programme                                  | Status   |
|--|--|--|
| Toy and Children's Products<br>Environmental Testing | HTC/2017/01 –<br>Analysis of Chromium (VI) | Final report issued in Jun 2018. Twenty laboratories participated with results returned. |

## Progress in proficiency testing programmes organised by regional cooperations of accreditation bodies

| Test Category    | Programme   | Status   |
|------------------|---|--|
| Chinese Medicine | APMP-APLAC T106 – Organochlorine Pesticides in Ginseng Root<br>Organised by GLHK, Hong Kong | Final report re-scheduled to be issued in first half of 2019.<br>Four laboratories participated. |
| Food             | APMP-APLAC T102 – Pesticide in Fruit Juice<br>Organised by GLHK, Hong Kong                  | Final report was issued.<br>Two laboratories participated.                                       |
|                  | APMP-APLAC T107 – Elements in Food Supplement<br>Organised by GLHK, Hong Kong               | Final report under preparation.<br>Two laboratories participated.                                |
|                  | APMP-APLAC T108 – Benzo[a]pyrene in Olive Oil<br>Organised by NIM, China                    | Results to be disseminated in Nov 2018.<br>Three laboratories participated.                      |
|                  | APMP-APLAC T109 – Cadmium in Milk Powder<br>Organised by NIM, China                         | Samples distributed in Jun 2018.<br>Four laboratories nominated for participation.               |

## Accreditation Updates

### New Accreditation Granted (15 March 2018 to 30 June 2018)

Four laboratories have been accredited since the last issue of HKAS News. The name, registration number and accredited areas are summarised below. HKAS wishes to congratulate the laboratory on its success in obtaining accreditation.

#### HOKLAS

| Registration No. | Name of Conformity Assessment Body                 | Test Category Granted                          | Clientele |
|------------------|--|--|-----------|
| HOKLAS 274       | Material Tech Company Limited                      | Calibration Services<br>Construction Materials | Public    |
| HOKLAS 275       | Ariken Biotech Japan Testing Laboratory Co., Ltd., | Food   | Public    |
| HOKLAS 276       | MINSEN Testing (Hong Kong) Limited                 | Construction Materials                         | Public    |
| HOKLAS 277       | Independent Testing Engineering Limited            | Construction Materials                         | Public    |

## Accreditation Suspended

### Voluntary Suspension (as at 30 June 2018)

#### HOKLAS

| Registration No. | Name of Conformity Assessment Body | Test Category Granted   | Effective Date (dd.mm.yyyy) |
|------------------|------------------------------------|---|-----------------------------|
| 010              | CEDD – Public Works Laboratories   | <b>Construction Materials</b><br>Playground equipment                                   | 31.08.2017                  |
| 036              | UL VS Hong Kong Limited            | <b>Testing Required By The China Compulsory Certification (CCC) System</b><br>All tests | 03.10.2017                  |

| Registration No. | Name of Conformity Assessment Body  | Test Category Granted   | Effective Date (dd.mm.yyyy) |
|------------------|---|---|-----------------------------|
| 058              | Bureau Veritas Hong Kong Limited - Kowloon Bay Office   | <b>Testing Required By The China Compulsory Certification (CCC) System</b><br>All tests | 08.06.2018                  |
| 156              | Hong Kong Gems Laboratory Company Limited   | <b>Physical and Mechanical Testing</b><br>All tests                                     | 24.12.2017                  |
| 188              | NGTC (HK) Ltd.  | <b>Physical and Mechanical Testing</b><br>All tests                                     | 09.02.2018                  |
| 246              | Vocational Training Council - Hong Kong Institute of Vocational Education (Tuen Mun) - Testing and Calibration Centre | <b>Calibration Services</b><br>All Calibration  | 12.01.2018                  |
| 266              | Eurofins Product Testing Hong Kong Limited  | <b>Toys and Children Products</b><br>All tests  | 07.03.2018                  |

## Imposed Suspensions (as at 30 June 2018)

### HOKLAS

| Registration No. | Name of Laboratory                 | Test Category and Test Area        | Effective Date (dd.mm.yyyy) |
|------------------|------------------------------------|------------------------------------|-----------------------------|
| 818S             | PHC Medical Diagnostic Centre Ltd. | <b>Medical Testing</b> - All tests | 24.11.2017                  |

The above list only shows those accredited organisations with the whole test category / area suspended or terminated. In addition, the list does not display those suspended and terminated activities individually. Readers are advised to refer to the scope of accreditation displayed on HKAS website for the latest accreditation of the specific activities of an accredited organisation.

## Accreditation Terminated

### Voluntary Termination (15 March 2018 to 30 June 2018)

### HOKLAS

| Registration No. | Name of Conformity Assessment Body      | Test Category and Test Area Terminated   | Effective Date (dd.mm.yyyy) |
|------------------|---|--|-----------------------------|
| 050              | Intertek Testing Services Shenzhen Ltd. | <b>Food</b><br>All tests   | 15.05.2018                  |
| 235              | TÜV SÜD Hong Kong Limited               | <b>Electrical and Electronic Products</b><br>All tests<br><b>Testing Required By The China Compulsory Certification (CCC) System</b><br>Electrical and Electronic Products | 06.04.2018                  |
| #242             | Chemical Laboratory (HK) Pte Limited    | <b>Food</b><br>All tests   | 02.05.2018                  |
| #811P            | Medlab Consultations Limited            | <b>Medical Testing</b><br>All tests  | 16.05.2018                  |

# Accreditation of all activities of the conformity assessment body is terminated.

The above list only shows those accredited organisations with the whole test category / area suspended or terminated. In addition, the list does not display those suspended and terminated activities individually. Readers are advised to refer to the scope of accreditation displayed on HKAS website for the latest accreditation of the specific activities of an accredited organisation.

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