

# HKAS



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**Hong Kong Accreditation Service**



**P.4 New Staff Members**  
**P.5 Anti-corruption Workshops**  
**P.9 Accreditation:**  
**Delivering Confidence**  
**in the Construction Industry**

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# Seminar on Construction Testing: Towards Digitalisation and Automation



(from left to right: Ir Dr Fiona CHAN, Mr Stanley CHAN, Mr Patrick LAU, Mr Joseph POON, Ir Tony HO, JP, Ir Jenny YEUNG, Ir Clement FUNG, Mr LAU Wai-ming and Mr Wilson SHUM)

## Embracing the Future of Construction Testing

The rapid development of innovation and technology, coupled with Hong Kong's effort to become a smart city, has created exciting opportunities for the testing and certification (T&C) sector. This includes enhancing service quality and operational efficiency through digitalisation and automation in the field of construction testing.

On 29 February 2024, Hong Kong Accreditation Service (HKAS), in collaboration with the Hong Kong Council for Testing and Certification, organised a webinar to explore the trend towards digitalisation and automation in the construction testing industry. The seminar aims to share examples of these advancements, as well as the experiences of implementing electronic test reports, digital certificates, and accreditation of digitalised test reports and automated construction materials testing.

Opening the event, Ir Tony HO Ying-kit, JP, Deputy Secretary for Development of the Development Bureau, emphasised the fast pace of technological development as an opportune time to drive the

construction testing and certification sector towards digitalisation and automation. He highlighted how electronic test reports and certificates can unlock a host of new applications in the industry.

## Leading the Charge in Digitalisation

The first speaker, Ir Jenny YEUNG Fei, Deputy Head (Planning and Testing) of the Civil Engineering and Development Department, shared the department's revolution in developing new automated systems for testing concrete cubes, steel reinforcing bars, and soil, as well as implementing electronic test reports in construction projects. She noted that digital data systems would help reduce unnecessary paper waste, protect forests, and lower carbon emissions – aligning with the HKSAR Government's 2050 carbon neutrality goal.

Following YEUNG, Ir Clement FUNG Kwun-man, Senior Structural Engineer of the Housing Bureau, introduced the 'Housing Electronic Checking System' (HeCheck) – an automated platform for submitting and verifying test reports for construction materials. The system can automatically identify, extract, and cross-check information from authenticated electronic test reports and raw data to ensure accuracy and compliance.

## Driving Efficiency Through Digitalisation

Mr Stanley CHAN Man-kwong, Chairman of the Association of Construction Materials Laboratories, shared his experience in revamping his computer system for the delivery of electronic test reports. He emphasised the importance of digital signatures in authentication, as they enable secure and efficient transmission of test reports to engineering teams on-site.

Mr Patrick LAU Chi-chiu, Chairman of the Hong Kong Rebar Importers & Stockists Association, also highlighted the benefits of digitalised rebar stockist certificates in enhancing operational efficiency at construction sites.

## Accreditation for the Digital Age

Ir Dr Fiona CHAN Wan-yin, a Senior Accreditation Officer of HKAS, presented HKAS accreditation service

for the digitalisation of test reports and automation of construction materials testing. She explained how the assessment team ensures that the quality and integrity of test data were maintained, with the focus on data protection, supervision, traceability, and authorisation.

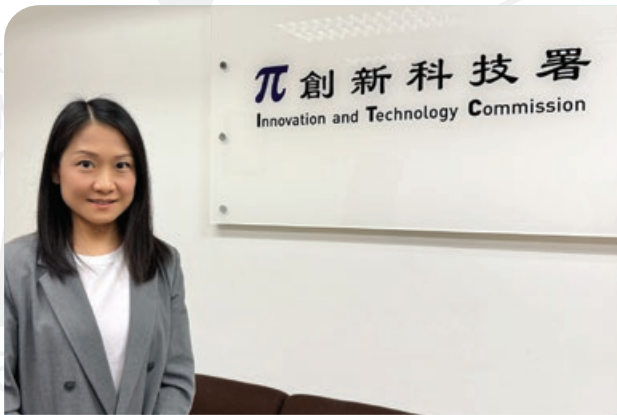
The seminar recorded around 220 participants from the testing and certification industry, users of conformity assessment services, and government officials. Discussions on the adoption of electronic test reports/certificates and standardisation of test report formats were engaging. Overall, the seminar received much positive feedback as participants found it highly practical and useful.

For more information on accreditation services for construction materials testing, please contact our Senior Accreditation Officers:

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# New Staff Members



**Dr Janet WONG Shuk-ye** joined HKAS as an Accreditation Officer in March 2024. She obtained her Bachelor of Science in Chemistry and Doctor of Philosophy degrees from the University of Hong Kong. Before her secondment to HKAS, Dr Wong had worked in the Government Laboratory for over 10 years. At HKAS, Dr Wong is mainly responsible for the accreditation of laboratories for chemical and microbiological testing. If need arises, you are welcome to contact her at 2829 4813 or by email at janet.wong@itc.gov.hk

**Dr LEE Boon-kiat** joined HKAS as an Accreditation Officer in March 2024. He holds a Bachelor degree in Life Sciences from the National Taiwan University and a Doctor of Philosophy degree in Microbiology from the University of Hong Kong. Prior to joining HKAS, Dr Lee worked for several start-up companies as a scientist for over 5 years, specialising in the development of immunotherapy and cell therapy products. At present, Dr Lee is responsible for overseeing accreditation services for medical testing laboratories. He can be contacted at 2829 4878 or by email at bk.lee@itc.gov.hk.



# Anti-corruption Workshops for HKAS Accredited Organisations

In the testing and certification industry, professional integrity is the bedrock of credible and competitive work results. Recognising this, Hong Kong Accreditation Service (HKAS) has taken a proactive stance, collaborating with the Independent Commission Against Corruption (ICAC) to host a series of workshops for its accredited organisations.

In January 2024, over three resourceful sessions were held with integrity as the elemental theme. The first two workshops, held on the 15th, addressed "Professional Integrity and Hong Kong's Anti-bribery Legislation" and "Professional Integrity and Managing Staff Integrity." Led by ICAC experts, these sessions equipped frontline practitioners and managers with the knowledge and tools to navigate corruption risks.



ICAC workshop for NDT laboratories

The third workshop, tailored for Non-Destructive Testing (NDT) laboratories on the 23rd, delved into industry-specific corruption-prone areas. An ICAC expert guided NDT professionals in identifying and mitigating potential threats to their integrity at work.

Over 350 participants from HKAS-accredited organisations, including laboratories, certification bodies, and inspection bodies, engaged actively across the three workshops. Attendees relayed positive

comments on the sessions' relevance and practicality.

These workshops are valuable in strengthening our long-term commitment to professional ethics. Buoyed by the resounding success, HKAS is planning future collaborations with ICAC in making a concerted effort to continuously reinforcing anti-corruption awareness and best practices. HKAS aims to solidify integrity as the bedrock of Hong Kong's testing and certification sector.



ICAC workshop for managerial practitioners



ICAC workshop for frontline practitioners

# World Accreditation Day 2024

9 June 2024 marks the World Accreditation Day (WAD), a global initiative established by the International Accreditation Forum (IAF) and the International Laboratory Accreditation Cooperation (ILAC) to highlight the value of accreditation. This year's theme is "Accreditation: Empowering Tomorrow and Shaping the Future."

The theme calls attention to how accreditation can have a positive impact on various challenges and opportunities that the global economy is facing, ranging from digitalisation and new technologies to sustainability.

IAF and ILAC have produced a dedicated WAD 2024 video demonstrates how accreditation helps support the theme. You may view it on the IAF/ILAC YouTube channel.

A virtual event was also conducted on Monday, 10 June 2024. The event was held in two time zones and discussed the impact of accreditation as digitalisation, new technologies, and sustainability concerns continue to change our world.

IAF and ILAC have also published a brochure showcasing various case studies on the role accreditation plays in underpinning innovation and technical advancement, the development of new and digital technologies, and navigating the evolving landscape of environmental, social, and governance (ESG) concerns. A case study featuring the digitalisation and automation of the Public Works Laboratories, Civil Engineering and Development Department in Hong Kong is included.



World Accreditation Day Brochure

# Workshop on Calibration Ensures Precision in Testing Laboratories

**O**n February 29, 2024, the Standards and Calibration Laboratory (SCL) and HKAS organised a workshop on the calibration of mass, balance, piston-operated pipettes, and volumetric glassware for testing laboratories. Following this workshop is another well-received one on thermometer and temperature chamber calibration. A total of 118 laboratory personnel from 41 accredited laboratories and 15 technical assessors participated in the event.

## Calibration of mass and balance

The workshop began with Mr Raymond LEUNG, Senior Accreditation Officer of HKAS, who delved into the fundamental concept of calibration and its significance in meeting the requirements of ISO/IEC 17025:2017. He highlighted the need to ensure validity and traceability of measurement results, discussing common challenges encountered during in-house calibrations. Mr LEUNG also covered the proper expression of measurement results, measurement uncertainty, and the evolving definitions of the kilogram. He also discussed weight classification based on Maximum Permissible Errors (MPEs) as defined by the OIML R111-1:2004 or ASTM E617-19 and different classes of weights (i.e. E1, E2 & F2) and their applications.

Moving forward, the focus shifted to balance calibration, where Mr LEUNG provided comprehensive guidelines. He addressed the selection of standard weights, considering factors such as their MPEs, measurement range, capacity, and resolution of balances. Different types of electronic balances were introduced, along with their technical specifications and adjustment conditions. Mr LEUNG emphasised the importance of calibration conditions closely resembling normal balance usage and ensuring the uncertainties of the calibration weights are within acceptable ranges. Key parameters for balance calibration, including repeatability, scale linearity, eccentric loading, and hysteresis effect, were thoroughly discussed to enhance participants' understanding.

During the Q&A session, participants engaged in discussions regarding the calibration of 5- and 6-digit balances to meet the new ISO 8655-6:2022 standard for piston-operated volumetric apparatus calibration. The impact of environmental conditions on balance operation was also explored.

## Calibration of piston-operated pipettes and volumetric glassware

The second part of the workshop, led by Dr Kelvin LAM, focused on the calibration of piston-operated pipettes and volumetric glassware. Dr LAM explained the calibration procedures for standard volumetric flasks, measuring cylinders, and other liquid vessels. He emphasised the determination of contained or delivered volumes and presented video demonstrations illustrating step-by-step calibration processes. Measurement uncertainty evaluation for these calibrations to ensure accurate and reliable results was also discussed.

The calibration of piston pipettes, with reference to 2002 version of ISO 8655 series standards was introduced. Dr LAM emphasised the gravimetric



Opening of the Workshop on Calibration of Mass, Balance, Piston-operated Pipette and Volumetric Glassware for Testing Laboratories



Workshop participants

methods for determining measurement error and discussed the classification and calibration requirements for different types of piston pipettes. Piston pipettes are generally classified according to their type (mechanical or electrical), number of channels (single or multiple) and volume (fixed or variable). Minimum equipment requirements for pipette calibration, includes balances, timing devices, thermometers, and hygrometers, were presented. Environmental conditions necessary for accurate pipette calibration were highlighted, along with considerations such as temperature, humidity, and evaporative loss of water. Dr LAM also provided detailed procedures for pipette calibration and explained uncertainty evaluation based on ISO 8655-6:2002. Dr LAM highlighted using a 6-digit balance in calibrating pipettes of volume (V)  $1 \text{ L} \leq V \leq 10 \text{ L}$ , in accordance with ISO 8655-6:2002.

The Q&A session included the discussions on the use of evaporation traps for small-volume piston pipette calibration.



Q & A Sessions

Feedback questionnaires indicated satisfactory result. Participants describe the workshop as practical and valuable. The video demonstrations and measurement uncertainty evaluation received positive acclaim. Much encouraged by the positive response, HKAS will continue organising similar workshops in the future, fostering continued learning and advancement in these calibration areas.



Mr Raymond LEUNG, HKAS, Speaker of the Workshop



Dr Kelvin LAM, SCL, Speaker of the Workshop



# Accreditation: Delivering Confidence in the Construction Industry



Ir Dr Fiona CHAN talks to the staff of Arup

In this fast-paced era, testing and certification (T&C) plays a crucial role in ensuring the safety and performance of products we use every day. From consumer goods to large-scale construction projects, T&C helps people and property secure, while enhancing the reputation of brands.

Ir Dr Fiona CHAN, Senior Accreditation Officer of the Hong Kong Accreditation Service (HKAS), recently shared her expertise on the importance of accreditation in the construction industry. Invited by the East Asia Arup University, Ir Dr CHAN delivered an engaging talk at Arup's office in Festival Walk, Kowloon Tong on 25 March 2024.

During the session, Ir Dr CHAN reached out to the audience of around 50 Arup participants on how to identify an HOKLAS-endorsed test report, provided an overview of HKAS, and explained the roles and

benefits of accreditation. She also shared the latest developments in the construction testing industry, sparking thought-provoking discussions.

"The participants were highly engaged and found the talk practical and useful," Ir Dr CHAN noted. "Accreditation is the key to building confidence in the construction industry, and we're committed to empowering organisations with the tools and knowledge they need to succeed."

For more information about accreditation services related to construction, you may get in touch with our Senior Accreditation Officers:

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# Updates from ILAC / IAF / APAC

International Laboratory Accreditation Cooperation (ILAC) and International Accreditation Forum (IAF) jointly organised the ILAC-IAF Mid-Term Meetings virtually from 3 to 30 April 2024 following the decision made by the ILAC-IAF Joint Executive Committee (JEC) during the Annual Meetings held in November 2023. An update of the Meetings is as follows:

## ILAC

1. Revision of ILAC P9 has been completed. The new version of the document ILAC P9:01/2024 ILAC Policy for Proficiency Testing and/or Interlaboratory comparisons other than Proficiency Testing was published in January 2024. This document sets out the ILAC policy for accreditation bodies on the use of proficiency testing (PT) activities in the accreditation process. There is a new provision in the document requiring laboratories to maintain evidence of competence of the organisers of the PT schemes and interlaboratory comparisons they have participated such that the organisers' conformity with the relevant requirements of ISO/IEC 17043:2023, including requirements on data analysis, can be demonstrated.
2. The International Vocabulary of Metrology – Basic and General Concepts and Associated Terms (VIM4) is being revised in the Joint Committee for Guide in Metrology Working Group 2 (JCGM WG2). A Committee Draft 3 (CD 3) of VIM4 is being prepared and expected to be available in late 2024.

## IAF

1. In IAF, there is a mechanism for various stakeholders including accreditation bodies, certification bodies and users of accredited services to submit papers to TC for discussion. Most issues are clarification on application of accreditation standards and IAF mandatory documents. In this TC meeting, two papers were discussed. The first one is related to the number and type of audits that should be included in a recertification audit programme. The second paper is related to the interpretation of IAF MD22 on issues regarding 'interview' (as stated in G9.4.4.2), 'management' (as stated in G9.4.4.2 and G9.4.7.1) and 'closures' (as stated in A.1.6).
2. For the first paper, after a lengthy deliberation, the IAF TC in general agreed that as a minimum, according to clauses 9.1.3.1 and 9.1.3.2 of ISO/IEC 17021-1: 2025, a recertification audit programme must include two surveillance audits and the subsequent recertification audit.
3. For the second paper, the IAF TC agreed that
  - a. for an initial certification audit, a certification body must interview all personnel outlined in IAF MD22 to understand the full spectrum of activities through the interviews and to have a consideration in what the certification body is auditing; for other audits, it depends on the plan, what is being audited as the spectrum of interviews for surveillance is different;
  - b. the meaning of the term 'management' is the management responsible for the OH&S legal

responsibility. It is not required to be the same as 'top management' as defined in clause 3.12 of ISO45001. 'Management' referred can be middle management with legal responsibility or contractor's management, etc.;

- c. what is written in IAF MD22 is for long-term closures, not short-term (e.g. facility closes for the night and reopens the next day). The organisation must identify the changes and risk associated with the closed facility to address the new situation/new risk. Even temporary closure is important, facilities may be required to assure safe shutdown and startup and has to be considered within the OH&SMS.

## IAF/ILAC – A single international organisation for accreditation

At the 19th IAF/ILAC Joint General Assembly (GA) which took place in Frankfurt in October 2019, a resolution was passed to establish a single international organisation for accreditation. A Joint IAF/ILAC Steering Committee (SC) for establishing a single international organisation for accreditation (the New Body Incorporated, NBI) was established to identify the main principles that would form the basis of the NBI and other main issues such as membership rules, voting rules, cost/benefits, secretariat, etc. The former Chair of the European Cooperation for Accreditation (EA), Mr Thomas Facklam, has been working on a contract with the SC to undertake the Project for the establishment of the NBI since March 2021. Some update on the Project is as follows:

- A new name of 'Global Accreditation Cooperation, GLOBAC' has been proposed.
- A new secretariat of the NBI, viz. the One Secretariat, has been established and in operation since 1 January 2024. The One Secretariat is funded by both ILAC & IAF and is now serving as the Secretariat of both ILAC & IAF and supporting the establishment of the NBI.
- The Constitution and General Rules of the NBI are being prepared.
- The place for registration of the NBI is likely to be New Zealand.
- According to the current roadmap, the establishment of NBI is expected to be completed in late 2025.

## APAC

HKAS hosted the meetings of APAC's Executive Committee and Mutual Recognition Arrangements (MRA) Management Committee in Hong Kong on 12 and 13 March 2024. Nine committee members, including the Chairman, Vice Chairman and Secretary of APAC, came for the meetings. Members who were not available for the meetings in person also attended the meetings virtually. The committees discussed matters relating to the management of APAC and its MRA, including the annual report, budget and financial strategies.

# ISO/IEC 17025:2017 Experience Sharing Seminar for Chemical Testing Laboratories



Dr KOO Chi-kin, sharing common technical nonconformities identified in HKAS assessments



Q&A Sessions

**O**n 23 November 2023, HKAS organised an experience sharing seminar for accredited chemical testing laboratories and attracted 147 participants joining the event.

In the first session of the seminar, Dr HO Chun-wah, Senior Accreditation Officer of HKAS, walked through some updated policy and guidance documents published by the International Laboratory Accreditation Cooperation (ILAC), which included:

- (i) ILAC P8:11/2023 ILAC Mutual Recognition Arrangement (Arrangement): Supplementary Requirements for the Use of Accreditation Symbols and for Claims of Accreditation Status by Accredited Conformity Assessment Bodies
- (ii) ILAC P9:06/2014 and ILAC P9:01/2024 ILAC Policy for Participation in Proficiency Testing Activities
- (iii) ILAC P10:07/2020 ILAC Policy on Metrological Traceability of Measurement Results
- (iv) ILAC G8:09/2019 Guidelines on Decision Rules and Statements of Conformity
- (v) ILAC G17:01/2021 ILAC Guidelines for Measurement Uncertainty in Testing
- (vi) ILAC G18:12/2021 Guideline for describing Scopes of Accreditation

New requirements were introduced in ILAC P9 document (ILAC P9:01/2024), particularly regarding the obligation for accreditation bodies to establish a procedure ensuring that accredited laboratories can demonstrate the competence of the organisers of the proficiency testing activities they participate in.

Dr HO then shared the common ISO/IEC 17025:2017 nonconformities (NCs) identified in HKAS assessments of chemical and biological testing laboratories. Common areas where most NCs were identified are:

- Control of management system document' (Clause 8.3)
- Structural requirements' (Clause 5)
- Corrective actions (Option A) (Clause 8.7)
- Selection, verification and validation of methods (Clause 7.2)
- Equipment (Clause 6.4) and
- Ensuring validity of results (Clause 7.7)

Progressing to the next session, HKAS Accreditation Officer, Dr KOO Chi-kin emphasised technical nonconformities and stimulated engaging discussions among the participants on the topic.

During the Q&A session, participants discussed various interesting topics, including proficiency testing (PT) requirements for new tests, information in organisation charts, etc. Feedback questionnaires indicated positive comments on the seminar, with participants finding the content highly useful. Some attendees requested the inclusion of more controversial nonconformities in future sessions. HKAS will consider this feedback when planning future NC sharing sessions. Based on the positive responses, HKAS will continue organising similar seminars to cater the needs of the accredited laboratories.

# Ensuring Quality through Certification: The Latest Developments in Hong Kong's Construction Materials Standards

On 28 June 2024, industry experts and professionals gathered at a technical seminar to discuss the evolving landscape of construction product certification in Hong Kong. Hosted by the Hong Kong Accreditation Service (HKAS), the Hong Kong Concrete Institute (HKCI), and the Association of Construction Materials Laboratories Ltd. (ACML), the event shed light on the latest changes to certification schemes aimed at enhancing the quality and traceability of building materials.

Hong Kong's conventional approach to construction product control has long been relying on pre-construction approval based on test certificates, followed by on-site material testing. However, this system lacked continuous monitoring of upstream manufacturing processes – a gap that product certification aims to fill.

The construction industry is embracing a new era of quality assurance through product certification. This third-party assessment scheme enables upstream quality control from the manufacturing stage, facilitating better product traceability and production consistency. Product Certification is the periodic audit of factories in Mainland China and random sampling of materials in factories for testing in accredited laboratories in Hong Kong. The audits are carried out by accredited certification bodies in Hong Kong.

With the funding support of Innovation and Technology Commission, the Product Conformity Certification Scheme (PCCS), which forms the basis for the audits, has been rewritten in stages. This is to enhance the "process control" aspects.

At the start of the seminar, Ir Stanley CHAN Man-kuong, the Chairman of the ACML, emphasised the importance of incorporating robust "process control" into construction product certification schemes. It was echoed by Ir Dr Jaime YEUNG Sai-kit, the President of HKCI, who urged industry stakeholders to actively consider incorporating product certification requirements into their contract specifications.



(from left to right: Mr Ken LAI, Ir Prof Joesph MAK, Ir Stanley CHAN, Ir Dr Jaime YEUNG, Ir Dr Fiona CHAN and Ir Dr Kenneth PAK)

The floor then passed to Ir Prof MAK Yiu-wing, the Principal Investigator of the project, who delved into the latest enhancements to certification schemes for a range of materials, including tile adhesives, cement products, repair mortars, and mesh reinforcement.

Ir Dr Fiona CHAN, Senior Accreditation Officer at HKAS, closed the session by highlighting the role of accreditation in bolstering confidence in construction product certification. She also showcased the diverse range of accreditation services offered by HKAS to support the industry.

The seminar attracted a wide range of audience of around 100 participants, including professionals and practitioners from the testing and certification industry, as well as government officials. Lively discussions centred on the qualifications of competent professionals in manufacturing and auditing, underscoring the industry's commitment to continuous improvement.

As the event drew to a close, attendees relayed positive comments that they find the seminar both practical and valuable in their quest to elevate construction quality standards in Hong Kong.

For more information on HKAS accreditation services for construction materials testing, please contact Ir Dr Fiona CHAN ([wychan@itc.gov.hk](mailto:wychan@itc.gov.hk)) or Mr Jeffrey LEUNG Tsz-tao ([jttleung@itc.gov.hk](mailto:jttleung@itc.gov.hk)).

# New Accreditation Granted, Suspended and Terminated

## • New Accreditation Granted (1 November 2023 to 30 June 2024)

Seven CABs have been accredited since the last issue of HKAS News. Details are summarised below. HKAS wishes to congratulate the CABs on their success in obtaining accreditation.

### HOKLAS

Registration No.	Name of Conformity Assessment Body	Test Category Granted	Clientele
HOKLAS 870S	Bright Growth Medical Laboratory Limited	<b>Medical Testing</b> - Medical Genetics (Molecular Genetics)	Private physicians, medical centres, private and public hospitals and other medically related institutions
HOKLAS 871P	Hospital Authority - Hong Kong Children's Hospital, Department of Pathology	<b>Medical Testing</b> - Anatomical Pathology - Chemical Pathology - Clinical Microbiology and Infection - Haematology - Immunology - Medical Genetics (Cytogenomics and Molecular Genetics)	Public and private hospitals
HOKLAS 309	LNE-LP Asia Ltd.	<b>Toys and Children's Products</b>	Public
HOKLAS 872S	GenieBiome (Diagnostic) Co., Limited - G-NiiB Molecular & MicroBiome Laboratory	<b>Medical Testing</b> - Chemical Pathology	Private physicians, medical centres, private and public hospitals and other medically related institutions

### HKIAS

Registration No.	Name of Conformity Assessment Body	Inspection Field Granted	Clientele / Type#
HKIAS 038	Hong Kong Police Force - Identification Bureau	<b>Scene of Crime Investigation</b>	Government departments/C
HKIAS 039	Sky Professional Testing & Consulting Limited	<b>Construction Products</b>	Public/A
HKIAS 040	Weldtech Inspection & Testing Limited	<b>Construction Products</b>	Public/A

Type#

A: Provides 'third party' inspection service to the public

C: Provides inspection services internally and to other law enforcement agencies within HKSAR Government

## • Suspended Accreditation

- Voluntary Suspension (as at 30 June 2024)

### HOKLAS

Registration No.	Name of Conformity Assessment Body	Test Category Granted and Test Area	Effective Date (dd.mm.yyyy)
058	Bureau Veritas Hong Kong Limited - Kowloon Bay Office	<b>Textiles and Garments</b> - All chemical tests	09.04.2024
#178	Hong Kong Baptist University – Chemical Testing Services	<b>Food</b> - All tests <b>Pharmaceutical Products</b> - All tests	15.06.2023
#212	PIT Limited	<b>Environmental Testing</b>	22.11.2023
850S	Xcelom Limited - Xcelom Microbiology Laboratory	<b>Medical Testing</b> - Clinical Microbiology and Infection	30.10.2023
#854S	The Hong Kong Polytechnic University – Molecular Diagnostic Laboratory	<b>Medical Testing</b> - All tests	09.05.2024

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

## HKIAS

Registration No.	Name of Conformity Assessment Body	Inspection Field	Effective Date (dd.mm.yyyy)
#025	PIT Limited	<b>Indoor air quality inspection</b>	22.11.2023

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

The above list shows only 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.

## • Terminated Accreditation

- Voluntary Termination (1 November 2023 to 30 June 2024)

## HOKLAS

Registration No.	Name of Conformity Assessment Body	Test Category and Test Area Terminated	Effective Date (dd.mm.yyyy)
009	SGS Hong Kong Limited	<b>Miscellaneous</b> - Medical Face Mask	21.03.2024
138	Nutek Systems (HK) Limited	<b>Construction Materials</b> - Metallic Materials	06.02.2024
167	Excel Building Diagnostic & Inspection Services Limited	<b>Construction Materials</b> - Mortar	12.03.2024
#207	UL International Limited	<b>Electrical and Electronic Products</b> - Compliance Inspection and Safety Tests <b>Testing Required By The China Compulsory Certification System (CCC)</b> - Electronic Product and Safety Accessory	07.05.2024
#217	Meyer Aluminium Limited - Material Laboratory	<b>Chemical Testing</b> - All tests <b>Physical and Mechanical Testing</b> - All tests	01.01.2024
264	Soil Services Testing Company Limited	<b>Construction Materials</b> - Foundation Testing	01.03.2024
#271	Advanced - Technical Testing Services Co., (H.K.) Ltd.	<b>Construction Materials</b> - All tests	18.01.2024
286	AA Lab Limited	<b>Construction Materials</b> - Coating - Door, Door Locks and Door Closers	30.04.2024
#289	Chow Tai Fook Jewellery Co., Ltd - Precious Metal Testing Centre (PMTC)	<b>Chemical Testing</b> - All tests	31.01.2024
823S	Onco Medical Laboratory Ltd.	<b>Medical Testing</b> - Medical Genetics	01.05.2024
849S	Precious Blood Hospital (Caritas) - Clinical Pathology Laboratory	<b>Medical Testing</b> - Medical Genetics (Molecular Genetics)	04.01.2024
#859S	Sunrise Diagnostic Centre Limited	<b>Medical Testing</b> - Chemical Pathology	14.01.2024
#859S	Sunrise Diagnostic Centre Limited	<b>Medical Testing</b> - Clinical Microbiology and Infection	23.02.2024
#859S	Sunrise Diagnostic Centre Limited	<b>Medical Testing</b> - All tests	31.03.2024
#864S	ProCare Medical Laboratory Centre Limited	<b>Medical Testing</b> - All tests	09.05.2024
866S	New Life Laboratory Testing Limited	<b>Medical Testing</b> - Clinical Microbiology and Infection	01.01.2024

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

## HKCAS

Registration No.	Name of Conformity Assessment Body	Certification System	Effective Date (dd.mm.yyyy)
#031	Fraser Certification Services Ltd.	<b>Environmental Management System Occupational Health and Safety Management System Quality Management System</b>	14.03.2024

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

# 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 SC-01	HKAS Supplementary Criteria No. 1 'Use of HKAS accreditation symbols and claims of accreditation status'	Issue 13	Nov-2023	Nov-2023
HKAS SC-01C	認可處補充準則第 1 號 '使用認可處認可標誌及聲稱具備認可處認可資格'	第十三版	Nov-2023	Nov-2023
HKCAS 006	Schedule of Fees for Accreditation of Certification Bodies and Validation / Verification Bodies within the Hong Kong Special Administrative Region (with effect from 05 January 2024)	Nov 2023	Nov-2023	Jan-2024
HKIAS 006	Schedule of Accreditation Fees for Inspection Bodies within the Hong Kong Special Administrative Region (with effect from 05 January 2024)	Nov 2023	Nov-2023	Jan-2024
HOKLAS 006	Schedule of Accreditation Fees for Organisations within the Hong Kong Special Administrative Region (with effect from 05 January 2024)	Nov 2023	Nov-2023	Jan-2024
HOKLAS 013	Schedule of Accreditation Fees for Organisations outside of the Hong Kong Special Administrative Region (with effect from 05 January 2024)	Nov 2023	Nov-2023	Jan-2024
HOKLAS SC-34	HOKLAS Supplementary Criteria No. 46 'Electrical and Electronic Products' Test Category – Accreditation of ENERGY STAR® Program Laboratory for Testing Electrical and Electronic Products	Issue 7	Dec-2023	Dec-2023
HOKLAS SC-46	HOKLAS Supplementary Criteria No. 46 'Electrical and Electronic Products' Test Category – Accreditation of ENERGY STAR® Program Laboratory for Testing Electrical and Electronic Products	Issue 5	Dec-2023	Dec-2023
HOKLAS 018	Assessment / Reassessment Questionnaire for Proficiency Testing Provider (Based on ISO/IEC 17043:2023)	Dec 2023	Dec-2023	Dec-2023
HOKLAS 018-A1	Scope of Accreditation Sought (for application for accreditation or extension of scope of accreditation only)(Based on ISO/IEC 17043:2023)	Dec 2023	Dec-2023	Dec-2023
HOKLAS 018-A2	Checklist on conformity with HKAS and HOKLAS accreditation requirements for Proficiency Testing Providers(Based on ISO/IEC 17043:2023)	Dec 2023	Dec-2023	Dec-2023
HOKLAS AP012	HOKLAS Application Package 012 'Accreditation of Proficiency Testing Providers 能力驗證提供者的認可'(Based on ISO/IEC 17043:2023)	Dec 2023	Dec-2023	Dec-2023
HKIAS 011	Change of Authorised Representative	Dec 2023	Dec-2023	Dec-2023
HOKLAS SC-51	HOKLAS Supplementary Criteria No. 51 ' Chemical Testing' - Doping Control Testing Laboratories	Issue 3	Dec-2023	Dec-2023
GH03	HKCAS Office Assessment Report (For Greenhouse Gas Validation and Verification) (based on ISO/IEC 17029: 2019, ISO 14065: 2020, ISO 14066: 2023 and ISO 14064-3: 2019)	Jan 2024	Jan-2024	Jan-2024
HKCAS 021	Assessment / Reassessment Questionnaire for Validation and Verification Bodies	Jan 2024	Jan-2024	Jan-2024
HKCAS 021-A2A1	Management System Checklist (for any Greenhouse Gas Validation and Verification)(based on ISO/IEC 17029: 2019, ISO 14065: 2020, ISO 14066: 2011 and ISO 14064-3: 2019)	Jan 2024	Jan-2024	Jan-2024
HKCAS 021-A2A2	Management System Checklist (for any Greenhouse Gas Validation and Verification)(based on ISO/IEC 17029: 2019, ISO 14065: 2020, ISO 14066: 2023 and ISO 14064-3: 2019)	Jan 2024	Jan-2024	Jan-2024
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'	Jan 2024	Jan-2024	Jan-2024

Document Code	HKAS published document	Version	Publication Date	Implementation Date
HKCAS SC-09	HKCAS Supplementary Criteria No. 9 'Accreditation Programme for Greenhouse Gas Validation and Verification – Validation and/or Verification of Greenhouse Gas Statements at Organisation Level, and Validation and/or Verification of Greenhouse Gas Statements at Project Level'	Issue 11	Jan-2024	Jan-2024
HKCAS SC-13	HKCAS Supplementary Criteria No. 13 'Accreditation Programme for Greenhouse Gas Validation and Verification – Validation and/or Verification of Product Greenhouse Gas (GHG) Statement'	Issue 8	Jan-2024	Jan-2024
HOKLAS SC-44	HOKLAS Supplementary Criteria No. 44 "Chinese Medicine" Test Category – Chemical and Physicochemical Testing to the Hong Kong Chinese Materia Medica (HKCMM) Standards	Issue 5	Jan-2024	Jan-2024
HOKLAS SC-08	HOKLAS Supplementary Criteria No. 8 "'Chinese Medicine", "Environmental Testing", "Food", "Miscellaneous", "Pharmaceutical Products", "Textiles and Garments" and "Toys and Children's Products" - Microbiological Testing'	Issue 10	Jan-2024	Jan-2024
HOKLAS SC-06	HOKLAS Supplementary Criteria No. 6 "Environmental Testing" Test Category – Chemical Testing	Issue 10	Feb-2024	Feb-2024
HOKLAS SC-50	HOKLAS Supplementary Criteria No. 50 "'Environmental Testing" Test Category – Sampling and On-site Measurement for Air Quality Monitoring'	Issue 4	Feb-2024	Feb-2024
HOKLAS SC-33	HOKLAS Supplementary Criteria No. 33 'Accreditation Regulations Specific for HOKLAS - Laboratory'	Issue 11	Feb-2024	Jan-2025
HOKLAS IN003	Application Procedures for HOKLAS Accreditation (Informative)	Issue 3	Mar-2024	Mar-2024
HOKLAS SC-43	HOKLAS Supplementary Criteria No. 43 "'Chinese Medicine" and "Food"- Species Identification by DNA Sequencing for Authentication Purpose'	Issue 5	Mar-2024	Mar-2024
HKCAS 011	Change of Authorised Representative	Mar 2024	Mar-2024	Mar-2024
HKCAS 012	Application for an Additional Copy of a Certificate of Accreditation	Mar 2024	Mar-2024	Mar-2024
HOKLAS SC-37	HOKLAS Supplementary Criteria No. 37 "Food" Test Category - Chemical Testing	Issue 7	Mar-2024	Mar-2024
HKCAS SC-04	HKCAS Supplementary Criteria No. 4 'Accreditation Regulations Specific for HKCAS - Certification Body'	Issue 18	Mar-2024	Mar-2024
HKCAS SC-16	HKCAS Supplementary Criteria No. 16 'Accreditation Regulations Specific for HKCAS – Validation and Verification Body'	Issue 4	Mar-2024	Mar-2024
HOKLAS SC-22	HOKLAS Supplementary Criteria No. 22 "'Textiles and Garments' Test Category"	Issue 7	Apr-2024	Apr-2024
HOKLAS AP009	HOKLAS Application Package 009 'Accreditation of Medical Laboratories 醫務化驗所的認可'	Apr 2024	Apr-2024	Apr-2024
HKCAS 013	Assessment / Reassessment Questionnaire for Product Certification (based on ISO/IEC 17065:2012)	May 2024	May-2024	May-2024
HKCAS 013-A1	Scope of Accreditation Sought (for New Application for Accreditation or Extension of Scope of Accreditation only)	May 2024	May-2024	May-2024
HKCAS 013-A2	Checklist (Product Certification)	May 2024	May-2024	May-2024
HOKLAS SC-02	HOKLAS Supplementary Criteria No. 2 'All Test Categories - Equipment Calibration and Verification'	Issue 10	May-2024	May-2024
HKCAS SC-15	HKCAS Supplementary Criteria No. 15 'Accreditation of US Environmental Protection Agency (EPA) Toxic Substances Control Act (TSCA) Title VI Third-Party Certifiers Certifying Production of Composite Wood Products for Compliance with EPA TSCA Title VI Forma	Issue 3	May-2024	May-2024
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 (TS	Issue 3	May-2024	May-2024
HKCAS 007-A2A	Management System Checklist (for any Management System Certification)	Jun 2024	Jun-2024	Jun-2024
HKCAS 007-A2D	Management System Checklist [for EMS Certification (based on ISO/IEC 17021-2: 2016)]	Jun 2024	Jun-2024	Jun-2024
HKCAS 007-A2H	Management System Checklist [for QMS Certification (based on ISO/IEC 17021-3: 2017)]	Jun 2024	Jun-2024	Jun-2024
HKCAS SC-14	HKCAS Supplementary Criteria No. 14 'Requirements for Hong Kong Certification Bodies Sending Staff to the Mainland to Provide Certification Service'	Issue 4	Jun-2024	Jun-2024
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	第四版	Jun-2024	Jun-2024
HKCAS 007-A2J	Management System Checklist (for RCHE-MS Certification)	Jun 2024	Jun-2024	Jun-2024
HKIAS SC-07	Scene of Crime Investigation	Issue 2	Jun-2024	Jun-2024
HKCAS IN001	Application Procedures for HKCAS Accreditation (Informative)	Issue 5	Jun-2024	Jun-2024
HOKLAS SC-39	HOKLAS Supplementary Criteria No. 39 'Accreditation Regulations Specific for HOKLAS - Reference Material Producers'	Issue 7	Jun-2024	Jun-2024
HOKLAS SC-39C	實驗所認可計劃補充準則第 39 號 ' 實驗所認可計劃的認可規例 – 標準物質生產者 '	第七版	Jun-2024	Jun-2024

\* New publication