

Hong Kong Council for Testing and Certification

Report for 2021-22



Foreword

I am pleased to report the work of the Council for the period April 2021 – March 2022.

The outbreak of COVID-19 pandemic since early 2020 has posed extraordinary challenges to our daily life. Amid this prolonged difficult time, the testing and certification (T&C) sector has demonstrated a strong and steadfast commitment to its gatekeeper's role in ensuring the quality of a wide range of products. Our T&C bodies have been testing surgical masks, various sanitisation and protective products. Their round-the-clock provision of COVID-19 nucleic acid testing services has become a core part in our fight against the virus. Moreover, their participation in sewage testing has been facilitating early detection of infectious clusters.

All this contribution could only be made with the dedicated efforts of our T&C professionals. To commend their strive for excellence and encourage T&C bodies to invest in talent development, the Council launched the first T&C Manpower Development Award Scheme last year. I am thankful to the T&C sector for their active participation and support. I am also very glad to see that the awardees are serving as good role models and are bringing positive energy to their fellows, thereby consolidating the advantages of Hong Kong's T&C sector in support of its sustainable growth. We are publicising the award scheme's results and will continue to showcase the talent of our T&C professionals.

In the past year, we continued to assist the local T&C sector in seizing new opportunities arising from the development of the Guangdong-Hong Kong-Macao Greater Bay Area (GBA). We launched a new wave of digital advertising campaign in GBA, making use of popular Mainland digital platforms to highlight the strength of Hong Kong's T&C services to manufacturers and traders in GBA.

Other new opportunities include surveying, imaging and diagnosis applied in underground utility surveys. In November 2021, a new accreditation service was launched on the related non-destructive testing methods, opening up a new service area for testing laboratories. On Environmental, Social and Governance (ESG), we have been working to enhance stakeholders' awareness of the local T&C sector's work in helping different businesses to take forward ESG initiatives.

Given the social distancing requirements under the pandemic, the Council has adapted to the new normal by turning our regular activities such as seminars and career talks online. With the cancellation of many physical trade exhibitions, we are also making greater use of digital channels to promote Hong Kong's T&C services to various trades. This move has allowed us to make targeted approach to reach out to potential T&C users locally, overseas and in the Mainland.

Last but not the least, I would like to express my gratitude and appreciation to my predecessor, Professor Albert Yu, for having guided the Council with great wisdom in the past six years. I am very honoured to have taken up the chairmanship of the Council and to serve the local T&C sector. I look forward to working closely with our industry leaders, trade and professional associations, tertiary institutions, etc. to strengthen the industry's core competencies and creating new opportunities.

A handwritten signature in black ink, appearing to read 'Wong Wing-tak', is written over a horizontal line. The signature is stylized and cursive.

Professor WongWing-tak
Chairman
Hong Kong Council for Testing and Certification
13 May 2022

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Abbreviations Used

APAC	Asia Pacific Accreditation Cooperation
CCC	China Compulsory Certification
CIBJO	World Jewellery Confederation
CMM	Chinese Materia Medica
COVID-19	Novel Coronavirus Disease 2019
ESG	Environmental, Social and Governance
GAHK	Gemmological Association of Hong Kong
GBA	Greater Bay Area
HKAS	Hong Kong Accreditation Service
HKMU	Hong Kong Metropolitan University
HKPC	Hong Kong Productivity Council
HKSP	Hong Kong Science Park
HKTDC	Hong Kong Trade Development Council
IAF	International Accreditation Forum
ICAC	Independent Commission Against Corruption
ILAC	International Laboratory Accreditation Cooperation
ITC	Innovation and Technology Commission
LEP	Local Exhibition Programme
MOEP	Mainland and Overseas Exhibition Programme
NDTSID	Non-destructive Testing Methods for Surveying, Imaging and Diagnosis
PCCS	Product Conformity Certification Schemes
PT	Proficiency Testing
SSSDP	Study Subsidy Scheme for Designated Professions/ Sectors
STEM	Science, Technology, Engineering and Mathematics
T&C	Testing and Certification

I. HONG KONG COUNCIL FOR TESTING AND CERTIFICATION

- Established in 2009 by the Government
 - A non-statutory advisory body
 - Terms of reference:
To advise the Chief Executive on –
 - (a) the overall development strategy of the industry;
 - (b) new business opportunities worth exploring for the industry, having regard to latest developments in the Mainland and overseas markets; and
 - (c) measures needed to raise the professional standing and community awareness of the industry.
- Annex 1 & Annex 2 ➤ Membership for the terms of 2020-21 and 2022-23 are at Annex 1 and Annex 2 respectively.

OUR VISION

To develop Hong Kong into a testing and certification hub in the region by reinforcing the branding of ‘Tested in Hong Kong, Certified in Hong Kong’.

OUR ROLE

- Act as a focal point of contact among all stakeholders, including the testing and certification industry itself, the related industries, providers of supporting services, etc.
- Assist the industry to explore new business opportunities.
- Coordinate efforts by the industry to best dovetail Government policy objectives.
- Promote acceptance of Hong Kong's testing/inspection reports and certificates by overseas/Mainland governments.
- Enhance manpower development and professionalism in the industry.

OUR STRATEGY

Adopt market-oriented approach to promote the development of the testing and certification industry.

II. INDUSTRY PROFILE (2020 FIGURES¹)

Number of Establishments

2.1 There were 905 establishments in Hong Kong engaging in testing, inspection and certification activities in 2020, of which 800 were private independent establishments –

Category	Number
Private independent establishments engaging in testing, inspection and certification activities as their major economic activity	800
Manufacturers and exporters engaging 100 persons or more and with in-house laboratories for testing activities	45
Laboratories in government departments/public organisations (including those in the hospitals of the Hospital Authority and those accredited by Hong Kong Accreditation Service in local universities)	60
Total	905

Size of Private Independent Establishments

2.2 The vast majority (95%) of the private independent establishments were small and medium enterprises engaging fewer than 50 persons. They accounted for 36% of the total persons engaged and 30% of the total business receipts in the industry.

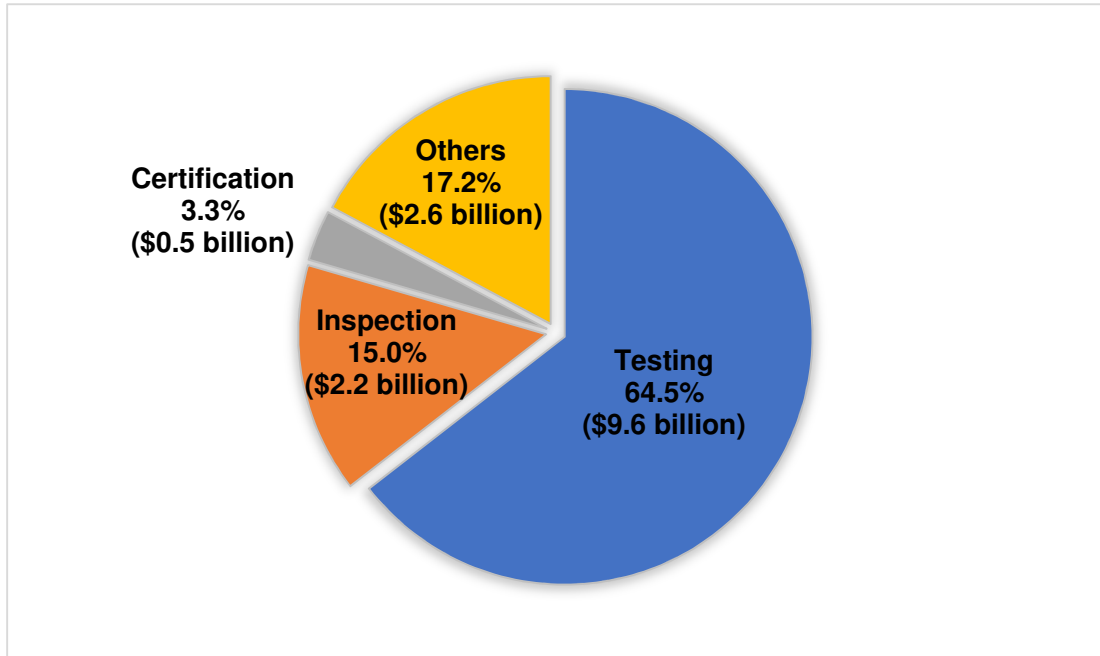
Persons Engaged

2.3 The number of persons engaged in testing, inspection and certification activities was around 19 560 in 2020, of which 15 110 persons were engaged by private independent establishments. About 7 190 (48% of 15 110) were professionals and associate professionals whose main duties were to provide testing, inspection and certification services in the private independent establishments.

¹ These are the latest statistics, based on a survey conducted by the Census and Statistics Department.

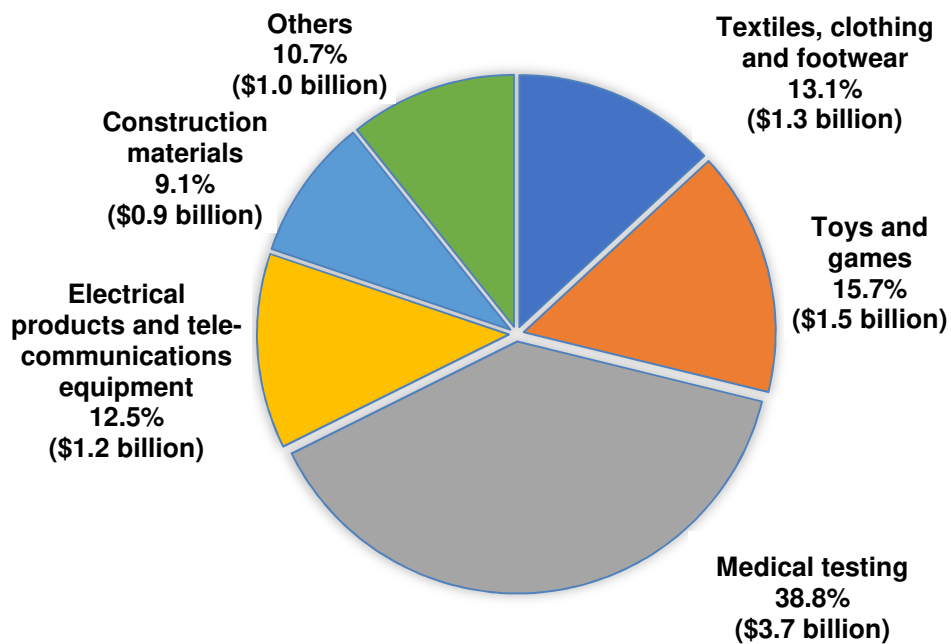
Business Receipts

2.4 The total business receipts of private independent establishments in the industry were \$14.9 billion in 2020. The direct economic contribution to Hong Kong's Gross Domestic Product was \$6.7 billion. Breakdown of the business receipts are shown below:



2020

Business receipts by type of services



2020

Further breakdown of business receipts from testing services
(Note: Percentages add up to less than 100% due to rounding.)

III. IMPROVEMENT ON THE GENERAL FRONT

3.1 Efforts for improvement on the general front cover accreditation service, manpower development as well as facility/technology support.

Accreditation Service

3.2 The Hong Kong Accreditation Service (HKAS) under the Innovation and Technology Commission (ITC) continues to provide high-quality accreditation service, meeting the needs of the local T&C sector. In 2021, the Hong Kong Polytechnic University developed a set of specifications for non-destructive testing methods for surveying, imaging and diagnosis (NDTSID) applied in underground utility surveys. Some works departments of the Government have shown interest in applying NDTSID techniques in their projects. To meet the market needs, HKAS launched the related accreditation service in November 2021.

3.3 Due to the COVID-19 outbreak in early 2020 and the subsequent travel restrictions around the world, HKAS has not been able to perform on-site accreditation assessments for T&C bodies requiring the participation of overseas assessors. To overcome this challenge, HKAS has started to conduct ‘remote assessment’, using information and communication technology such as video conferencing platform, for these cases. Since early 2022, HKAS has expanded the remote assessment arrangement to cover all local T&C bodies.

Manpower Development

3.4 In 2021-22, the Council continued to take a more focused approach in helping to attract talent for the T&C sector. The Council also made persistent efforts in enhancing the capabilities of industry practitioners.

Attracting talent

3.5 To help attract youngsters to join the T&C sector, the Panel on Manpower Development under the Council has earlier produced a series of videos to showcase the mission of T&C services and career opportunities in the industry. Apart from promoting these videos through various youth-related digital channels, the Council further launched a marketing campaign on YouTube in August – September 2021 and December 2021 – January 2022 to enhance the accessibility of three of these videos featuring T&C practitioners working in different fields. As a result, a total of about 50 000 views were obtained during the campaign period. Besides, two waves of banner

advertisements were put up in various popular job portals in March – May 2021 and February – June 2022 respectively to publicise T&C as a preferred career choice.

3.6 To demonstrate that talent is much treasured by the T&C sector, the Council launched the first Testing and Certification Manpower Development Award Scheme 2021-22. The aim of the Award Scheme was to commend T&C organisations which attached great importance to manpower and professional development, while also acclaiming outstanding T&C practitioners who strove for excellence in continuous learning or made distinguished contribution to service improvement.

3.7 The Award Scheme, launched in June 2021, was well received by the T&C sector. Entries for the “Testing and Certification Manpower Development Corporate Award” (Corporate Award) came from public and private T&C bodies of various scales and different fields. As for the “Excellent Testing and Certification Professional Award” (Professional Award), T&C practitioners were nominated by the T&C bodies they worked for.

3.8 Two Assessment Panels, comprising independent persons from academia and professional bodies, were formed to consider the applications. For the Professional Award, the awardees included 6 junior professionals and 10 middle management personnel. Among the 30 T&C organisations awarded the Corporate Award, two of them were given special commendation for their exceptional commitment to T&C practitioners’ training and development. The corporate awardees could display the logo of the Award Scheme in their publicity materials to showcase their commitment to manpower development.

3.9 The award presentation ceremony² was held on 22 December 2021 at the Hong Kong Convention and Exhibition Centre. The Secretary for Innovation and Technology, Mr Alfred Sit, attended the ceremony as the Guest of Honour. A series of publicity events followed to publicise the results of the Award Scheme.

² A collection of photos taken at the award presentation ceremony is at Annex 4.



Award Logo



Promotional Pamphlet

3.10 The Council has continued to arrange a wide range of activities in 2021-22 to enhance students' understanding and interest in the T&C sector –

- (a) five online career talks were organised for university and secondary students. The Council has also participated in the virtual career fairs organised by the Chinese University of Hong Kong and the University of Hong Kong. Besides, the Council set up a promotional booth at the Hong Kong Trade Development Council (HKTDC)'s Education and Careers Expo 2021 in July 2021. Two sessions of career talks were given to the Expo participants to raise their understanding of the T&C sector. Separately, the Hong Kong Baptist University developed and ran a programme "Tomorrow's Leaders in Hong Kong Testing and Certification Industry"³ to enhance gifted secondary students' interest and knowledge in analytical sciences as well as the latest developments of the local T&C sector. The Council has assisted this by lining up a laboratory visit and an online briefing for the participants in November/December 2021;
- (b) co-ordination of internship opportunities was made for Summer 2021. More than 130 internship places offered by accredited organisations were relayed to the Vocational Training Council / local universities, and disseminated through the Council's website;

³ It is an Off-school Advanced Learning Programme funded by the Gifted Education Fund under the Education Bureau.



Online Career Talk for Students

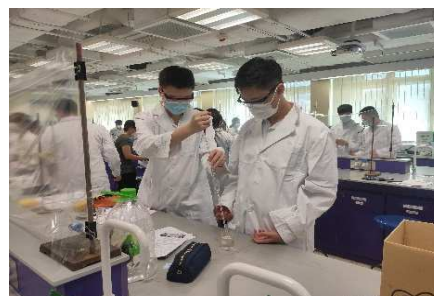


Laboratory Visit



HKTDC Education and Careers Expo

- (c) the Council and HKAS have delivered one on-line talk on accreditation and T&C services to tertiary students; and
- (d) the Council organised twelve sessions of “Summer Laboratory Workshops on Chemical Testing for Senior Secondary School Students” in July 2021. Around 360 students from 25 secondary schools participated and they were given opportunities to conduct experiments introduced by the teaching kit on chemistry testing⁴ developed by the Council earlier.



Summer Laboratory Workshops on Chemical Testing for Senior Secondary School Students

⁴ The teaching kit was launched in June 2016 to raise the awareness of T&C among secondary students through introducing basic chemical testing concepts in class.

3.11 To arouse junior secondary students' interest in science and instil testing concepts to them early, the Council has been proceeding with the development of a new STEM teaching kit, introducing the basic scientific knowledge and concepts applicable to testing and inspection. Trial runs of the kit involving 12 schools were completed in December 2021. It is expected that the kit would be rolled out around mid-2022.

3.12 Starting from the 2018/19 academic year, the Government has regularised the Study Subsidy Scheme for Designated Professions/Sectors (SSSDP), to subsidise students to pursue designated full-time locally accredited self-financing undergraduate programmes in selected disciplines with keen manpower demand, including the T&C sector. For the 2021/22 academic year, SSSDP covered the Hong Kong Metropolitan University (HKMU)'s three undergraduate programmes, namely Bachelor of Engineering with Honours in Testing and Certification, Bachelor of Science with Honours Programme in Testing Science and Certification and Bachelor of Science with Honours Programme in Food Testing Science.

Enhancing the capabilities of practitioners

3.13 Given that integrity is a cornerstone to the success and further development of the T&C sector, the Council, for many years, has been working closely with the Independent Commission Against Corruption (ICAC) and other stakeholders to promote integrity among industry players. In July 2021, the Council and the ICAC jointly organised the "Professional Integrity and Corruption Prevention in Testing and Certification" Webinar to highlight the importance of maintaining and upholding integrity and credibility, attracting some 260 participants.

3.14 To share with stakeholders the experience and insights in using latest technology in building inspection, the Council co-organised the "Webinar on Latest Technology and Development in Building Inspection" with HKAS in February 2022. Also, the Council co-organised the Online Metrology Symposium⁵ and the annual Seminar on Research and Development of Chinese Medicines⁶ in May and December 2021 respectively to enrich T&C practitioners' knowledge in metrology and Chinese medicines.

⁵ The Metrology Symposium was co-organised with the Standards and Calibration Laboratory under the ITC, the Government Laboratory and the Open University of Hong Kong (renamed as HKMU on 1 September 2021).

⁶ The other co-organisers of the seminar include the Committee on Research and Development of Chinese Medicines served by the ITC, the Department of Health and the Hospital Authority.

3.15 Altogether, the Council, HKAS and the Government Laboratory organised around 30 other training events for practitioners in the T&C sector in 2021-22.



Online Seminars

Facility and Technology Support

3.16 The “Lab Test One” initiative jointly launched by the Hong Kong Productivity Council (HKPC) and the Hong Kong Science Park (HKSP) has enabled private testing laboratories to make use of laboratory facilities in the public sector at a reasonable fee. As of March 2022, “Lab Test One” covered 32 laboratories including ITC’s Standards and Calibration Laboratory, laboratories in HKPC, HKSP and various universities, etc. This has facilitated easier access to advanced equipment by the private sector.

3.17 Proficiency testing (PT) is crucial for the upholding of technical capability of testing laboratories. In 2021-22, the Council supported the Government Laboratory in organising a PT programme on assay of Chinese Materia Medica (CMM)⁷. Besides, two other PT programmes – one on benzoic acid in fish sauce and the other on chemical markers in Chinese medicinal oil – were kick-started in late 2021.

⁷ The CMM covered in this PT programme are Radix Codonopsis (黨參) and Atractylodis Rhizoma(蒼朮).

IV. NEW OPPORTUNITIES IN DIFFERENT BUSINESS AREAS

4.1 In 2021-22, the Council continued to promote T&C services in different business areas and explore new opportunities.

Promotion of T&C Services in Targeted Areas

4.2 Environmental, Social and Governance (ESG) is a hot topic around the world, and various stakeholders are paying attention to the sustainable and socially responsible practices of enterprises. The Council has lined up a sharing session for the Hong Kong Association for Testing, Inspection and Certification to present to the Financial Services and the Treasury Bureau and the financial regulators in August 2021, and another session to present to the Environmental Protection Department in February 2022. The aim was to introduce the range of services that the T&C sector could offer in supporting ESG compliance, carbon emission reduction, offsetting and neutralization.

4.3 Following the stipulation of the definitions of Fei Cui and Natural Fei Cui in the Trade Descriptions Ordinance (Cap. 362), the Gemmological Association of Hong Kong (GAHK) has developed a new set of Fei Cui testing standard methods to provide local gemstone testing laboratories with technical specifications to classify a Fei Cui item pursuant to the respective definitions. This new testing standard (HKSM/FCT-2016), for which HKAS has introduced accreditation service, has replaced the previous standard (HKSM/JJT-2006) starting from 1 July 2021. During the Hong Kong International Jewellery Show held in July 2021, the Council co-organised a seminar with GAHK and the World Jewellery Confederation (CIBJO), at which CIBJO announced that a working group would commence to compile a Fei Cui Book for inclusion into the CIBJO Blue Books⁸.

4.4 The Council has been promoting the adoption of product conformity certification schemes (PCCS) for construction materials. These schemes have helped ensure quality of construction materials and building products at the up-stream of production. With the funding support from the General Support Programme under the ITC, the Association of Construction Materials Laboratories kick-started a project in early 2022 to update and improve the PCCS, mainly on enhancing the production process control. The project is expected to help widen the adoption of PCCS in the construction industry.

⁸ CIBJO Blue Books are definitive sets of grading standards and nomenclature for diamonds, coloured gemstones, pearls, coral, precious metals, etc.

4.5 Aiming to promote the benefits of information security management system certification, the Council co-organised a webinar on Information and Cyber Security with HKAS in July 2021. At the webinar, participants were updated with the latest trend in information and cyber security. They also shared experience in adopting information security management system certification in businesses and operations.

Exploring Opportunities in the Mainland

4.6 Ongoing efforts are being made to open up further business opportunities for the T&C sector, through leveraging major Mainland initiatives.

4.7 The Mainland authority has earlier announced cancellation of licensing work for designation of inspection bodies related to China Compulsory Certification (CCC). After such cancellation, designated CCC certification bodies may conduct CCC factory inspection themselves or entrust competent inspection bodies to carry out the work. The State Administration for Market Regulation has confirmed that certification bodies in Hong Kong can now collaborate with designated CCC certification bodies to undertake CCC factory inspection work for manufacturers located anywhere (including outside China). Hong Kong certification bodies, with their strong international network, are expected to grasp more business opportunities from this new development.

4.8 We have been publicising Hong Kong's T&C services in the Greater Bay Area (GBA). Upon the completion of the four-month digital advertising campaign in June 2021, the Council launched another wave of the campaign in October 2021. Advertisements were strategically placed on a number of popular digital platforms in the Mainland to promote the strength of Hong Kong's T&C services, targeting mainly manufacturers and traders in the GBA cities. These publicity campaigns focused on the competitive edges of Hong Kong's T&C services – i.e. high level of integrity, robust intellectual property protection and mature international network – which would add value to GBA products in reaching other parts of the world.

4.9 As for exploring the business opportunities in the Belt and Road countries, in June 2021, the Council invited T&C bodies to participate in a webinar co-organised by the Commerce and Economic Development Bureau and the Liaison Office of the Central People's Government in the Hong Kong Special Administrative Region on opportunities arising from the Belt and Road Initiative. The webinar introduced the business environment and

development situation in the overseas Economic and Trade Co-operation Zones in Malaysia, Thailand, Indonesia and Cambodia.

V. WORKING TOGETHER TO FIGHT AGAINST THE VIRUS

5.1 During the ongoing COVID-19 pandemic in the past year, the T&C sector has vigorously assisted the community in fighting against the virus in different aspects.

5.2 The provision of COVID-19 nucleic acid and antibody testing services are certainly crucial in controlling and monitoring the whole epidemic situation as well as personal health. The local T&C sector also made its contribution through testing for virus on imported frozen food and packaging surface as well as environmental surface samples. It also took part in the sewage surveillance programme by testing for virus to identify high-risk locations. Moreover, the whole sector has stayed committed to serve as our gatekeeper by ensuring the quality of a wide range of anti-epidemic items, such as surgical face mask, alcohol-based hand-rub, ultraviolet disinfection equipment, etc.

5.3 To highlight the T&C sector's unfailing efforts in safeguarding product quality and public health during the epidemic, as well as the professionalism of the T&C practitioners, the Council published two newspaper advertorials illustrating their anti-epidemic work in February and March 2022.

VI. SEEKING WIDER RECOGNITION OF HONG KONG'S ASSESSMENT RESULTS

6.1 Through the multilateral mutual recognition arrangements administered by the Asia Pacific Accreditation Cooperation (APAC), the International Laboratory Accreditation Cooperation (ILAC) and the International Accreditation Forum (IAF), endorsed reports and accredited certificates issued by HKAS-accredited organisations are now recognised by 108 accreditation bodies in 105 economies, including Hong Kong's major trading partners. Currently, the mutual recognition arrangements concluded by HKAS cover testing (medical and non-medical), calibration, inspection, reference material producer, proficiency testing provider, quality management system certification, environmental management system certification, food safety management system certification, energy management system certification, occupational health and safety management system certification, product certification and greenhouse gas validation and verification.

VII. PROMOTION

Enhancing Different Sectors' Understanding of the Benefits Brought by T&C

7.1 The Council has continued to promote the brand of “Tested in Hong Kong, Certified in Hong Kong”, and introduce to different industries the value that T&C could bring to them.

7.2 In the past year, the Council has continued to promote accredited T&C services to target users. For instance, we have put a focused publicity effort to raise stakeholders' awareness of the benefits of accredited medical testing services by publishing advertorials in a healthcare related magazine in April 2021 and a healthcare website in September – October 2021.

7.3 In 2021-22, a number of trade fairs were postponed/cancelled owing to the COVID-19 pandemic. Nonetheless, the Council kept on grasping available opportunities to promote Hong Kong's T&C services to a wide range of industries. Physical promotional booths were set up at the Hong Kong International Jewellery Show, Food Expo, Hong Kong International Lighting Fair (Autumn Edition) and China Hi-Tech Fair, Shenzhen. Seminars were arranged at three of the above physical trade fairs. We also took the opportunity of six virtual trade shows (covering toys and games, fashion, houseware, gifts and premium, optics, electronics, lighting, eco-friendly products, etc.) to sustain the presence of Hong Kong's T&C services in the international community. Moreover, HKTDC has assisted the Council in displaying promotional materials at two trade fairs in Shanghai, China and Hanoi, Vietnam respectively. We have also placed advertisements in five HKTDC e-magazines⁹ which were issued to HKTDC's subscribers in April 2021.

7.4 During the year, the Council continued pursuing the Local Exhibition Programme (LEP) as well as the Mainland and Overseas Exhibition Programme (MOEP) by inviting T&C bodies to join our physical booths at selected trade fairs. The Council was responsible for the booth rental, logistics, design and production costs, whereas the participating T&C bodies could choose to deploy their staff to jointly promote Hong Kong's T&C services at the booth or simply display their promotional materials at the fairs. For LEP, there were respectively six and seven T&C bodies joining us at the

⁹ The HKTDC e-magazines are HKTDC Electronics, HKTDC Fashion, Hong Kong Gifts, Premium & Stationery, HKTDC Houseware and HKTDC Consumer Technology.

Hong Kong Food Expo and the International Lighting Fair (Autumn Edition). As for the MOEP, four T&C bodies joined us at the China Hi-Tech Fair 2021 held in Shenzhen.

7.5 The Council has also planned to launch an online promotion campaign to reach out to potential overseas users of Hong Kong's T&C services. In February 2022, the Council invited T&C bodies to offer their views on the target geographical locations and product types for the campaign. The Council will take into account the feedback received in taking forward the initiative so as to keep up the international presence of Hong Kong's T&C sector.

Enhancing Industry Profile and General Awareness

7.6 To arouse the awareness of the importance of quality and related T&C services, a series of 10 articles highlighting the importance of T&C in daily life were published in a news app from February to April 2021. Another series of 20 articles, covering a wide range of topics including accreditation, different product testing, and certification services are being published in a news app starting from March 2022.

7.7 In October 2021, the Council participated in the annual InnoCarnival organised by the ITC. Adopting the theme of "Testing and Certification Fun Park" this year, the Council set up a physical interactive booth to introduce to the public the merits of T&C services. The booth had attracted over 4 000 visitors.

7.8 Being one of the working partners of the "Science in the Public Service" (科學為民), the Council has lined up the Standards and Calibration Laboratory under the ITC to showcase the use of new technologies in metrology and equipment calibration in a TV documentary. The programme was broadcast at RTHK31 channel in December 2021.

7.9 As in previous years, the Council collaborated with the Hong Kong Association for Science and Mathematics Education to organise the Digi-Science Video Production Competition in 2020-21. The award presentation ceremony was held in August 2021. Advertorials covering the competition were arranged in two newspapers in September – October 2021. As for the competition 2021-22, a briefing on this year's theme "Materials Testing Science in Daily Life" was held in November 2021 for the participating students. The results of the competition would be announced in 2022.

7.10 Since 2016-17, the Council has been sponsoring the HKCTC Special Award for the best testing-related entries joining the Hong Kong Youth Science and Technology Innovation Competition, a student competition organised by the Hong Kong New Generation Cultural Association. The final judging and award presentation ceremony for the competition 2020-21 were held in April and September 2021 respectively. Two advertorials in newspapers covering the awards were published in November 2021.

Publicising our Initiatives

7.11 We continue to make use of HKCTC Newsletter to publicise the work of the Council. In late March 2022, we started issuing “HKCTC News Express” to provide concise and frequent updates to over 2 500 T&C practitioners and stakeholders on the various initiatives taken forward by the Council.

7.12 Photos showing the Council’s various promotional initiatives are enclosed at Annex 5.

Annex 5

VIII. SUPPORT TO THE COUNCIL

Secretariat Support

8.1 The Council is served by the secretariat as its executive arm, which is staffed by 11 members under the permanent establishment of the ITC.

Resources

8.2 The ITC provides financial support to the Council in the implementation of its initiatives. In 2021-22, the expenditure incurred was about \$4.2 million (excluding staff emolument¹⁰).

¹⁰ All personal emoluments and personnel related expenses of the staff in the Council secretariat are met by the ITC from its recurrent operating expenditure.

**Members of
Hong Kong Council for Testing and Certification
(1 January 2020 – 31 December 2021)**

Chairman

Professor YU Cheung-hoi, Albert

Members

Ir CHAN Kin-sek, Raymond

Ir HO Chi-shing

Mr LAM Kar-kin, Kenneth

Ms LAM Yuen-shan, Stephanie

Mr LEE Sai-yin, Patrick

Dr Ann LEUNG

Mr LEUNG Yuk-wai, Kenneth

Dr LO Kam-wing, Wingco

Ms TANG Mui-fun, Karen

Ir Dr TANG Wai-fan, Fanny

Ms TSE Pui-pui, Pearl

Mr WAI Siu-bong, Basil

Professor WONG Wing-tak

Mr YEUNG Chi-wah, Harry

Dr YUNG Wai-hung, Raymond

Executive Director of Hong Kong Productivity Council or representative

Executive Director of Hong Kong Trade Development Council or representative

Executive Director of Vocational Training Council or representative

Government Chemist or representative

Commissioner for Innovation and Technology or representative

**Members of
Hong Kong Council for Testing and Certification
(1 January 2022 – 31 December 2023)**

Chairman

Professor WONG Wing-tak

Members

Ms CHOI Siu-fong, Bess

Mr Martin FAN

Dr HO Koon-sing, Gray

Ms HOU Yuen-chi, Denise

Mr LAM Kar-kin, Kenneth

Ms LAM Yuen-shan, Stephanie

Dr Ann LEUNG

Hon LEUNG Yuk-wai, Kenneth

Dr LO Kam-wing, Wingco

Mr LUI Chi-wang, Robert Andrew

Mr POON Tim-leung, Joseph

Ir Dr TANG Wai-fan, Fanny

Ms TSE Pui-pui, Pearl

Mr WAI Siu-bong, Basil

Ms WONG Fung-han, Gilly

Mr WONG Wing-wa, Wilson

Executive Director of Hong Kong Productivity Council or representative

Executive Director of Hong Kong Trade Development Council or representative

Executive Director of Vocational Training Council or representative

Government Chemist or representative

Commissioner for Innovation and Technology or representative

Panel on Manpower Development

Terms of Reference

- a) To serve as a platform for stakeholders to exchange views on the manpower development need of the testing and certification sector;
- b) To promote cooperation among stakeholders to nurture the manpower needed by the testing and certification sector;
- c) To consider ways to strengthen the manpower resource to support the testing and certification sector; and
- d) To promote awareness of professional development of testing and certification personnel.

Members (as of 31 December 2021)

Convener

Mr CHAN King-wa, Felix

Members

Ir HO Chi-shing

Dr HO Koon-sing, Gray

Mr LAM Kar-kin, Kenneth

Ms LAM Yuen-shan, Stephanie

Mr Trevor LEE

Mr LEUNG Yuk-wai, Kenneth

Dr LO Yiu, Tommy

Professor MAK Yiu-wing, Joseph

Ms SUEN Wai-lam

Ir Dr TANG Wai-fan, Fanny

Ms TSE Pui-pui, Pearl

Professor WONG Wing-tak

General Manager, Qualifications Framework Secretariat or representative

Executive Director of the Vocational Training Council or representative

Secretary-General, Hong Kong Council for Testing and Certification

Members (as of 31 March 2022)

Convener

Mr CHAN King-wa, Felix

Members

Dr HO Koon-sing, Gray

Ms HOU Yuen-chi, Denise

Ms LAM Yuen-shan, Stephanie

Dr LAU Hing-keung, George

Mr Trevor LEE

Dr Ann LEUNG

Dr LO Yiu, Tommy

Mr LUI Chi-wang, Robert Andrew

Professor MAK Yiu-wing, Joseph

Ms SUEN Wai-lam

Ms TSE Pui-pui, Pearl

Ms WONG Fung-han, Gilly

General Manager, Qualifications Framework Secretariat or representative

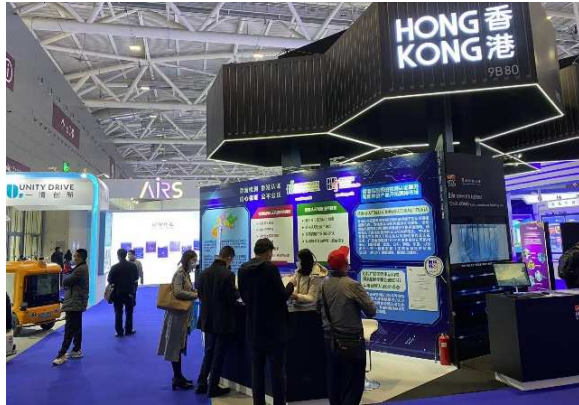
Executive Director of the Vocational Training Council or representative

Secretary-General, Hong Kong Council for Testing and Certification

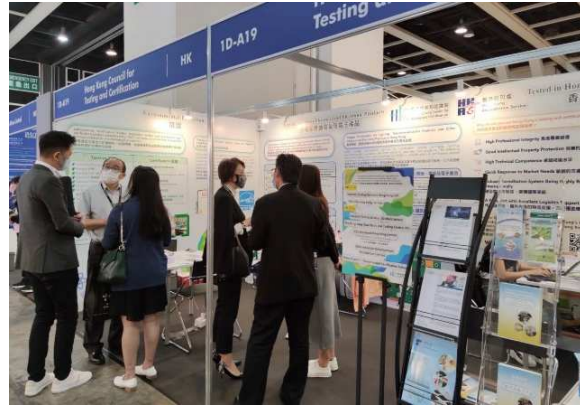
**Award Presentation Ceremony of
Testing and Certification Manpower Development Award Scheme 2021-22**



Efforts of Hong Kong Council for Testing and Certification in Promoting Hong Kong's Testing and Certification Sector



China Hi-Tech Fair



Hong Kong International Lighting Fair (Autumn Edition)



Belt and Road Summit [Virtual Exhibition]



Hong Kong Electronics Fair (Autumn Edition) [Virtual Exhibition]



Online Advertorial in a healthcare website



Promotion of Testing and Certification in News App



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