

# **Hong Kong Council for Testing and Certification**

## **Report for 2020-21**

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## Foreword

I am pleased to report the work of the Council for the period April 2020 – March 2021.

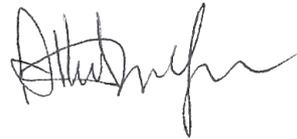
The past year has been a challenging one for everyone due to the COVID-19 pandemic. Amid this difficult period of time, the testing and certification sector has stayed committed to its essential role as a gatekeeper to ensure the quality of various sanitisation and protective products, as well as provided COVID-19 nucleic acid testing services to assist the public in fighting the virus. To help the testing and certification sector and other sectors in tackling the challenges encountered, and at the same time facilitate them to respond to new market needs brought by the virus outbreak, a number of supporting measures have been implemented by the Government. For example, the Employment Support Scheme under the Anti-epidemic Fund has provided wage subsidies to private testing and certification enterprises to sustain employment during the epidemic. The Technology Voucher Programme under the Innovation and Technology Fund has provided subsidies for setting up local testing facilities for performance evaluation of medical face masks or materials used in the production of such masks. New accreditation services for medical face mask testing and COVID-19 nucleic acid tests were introduced to help testing and certification organisations improve and demonstrate their competence in these areas.

In the past year, we continued to put focused efforts in strengthening manpower development of the testing and certification sector. The Panel on Manpower Development has continued to promote the new set of manpower resource package through different youth channels to publicise the mission and value of testing and certification work. As a new initiative to help talent retention, we are also making preparation to organise an award scheme to encourage a culture of continuous manpower enhancement in the industry. We are targeting to start receiving applications from mid-2021.

As for new business opportunities for the testing and certification sector, Hong Kong testing laboratories, starting from 1 June 2020, can collaborate with Mainland designated organisations to carry out testing of China Compulsory Certification (CCC) products processed or manufactured in any place. Local testing and certification bodies are also encouraged to seize the new opportunities arising from the development of the Guangdong-Hong Kong-Macao Greater Bay Area as well as the Belt and Road Initiative. We have rolled out a new advertising campaign on a number of popular digital platforms in the Mainland, publicising the strengths of Hong Kong's testing and certification services to manufacturers and traders of various consumer products. We will continue to explore ways to facilitate the sector to grasp the development opportunities in the Mainland market.

On the promotion front, the pandemic and high demand for sanitisers and protective equipment have aroused public's awareness of the importance of testing and certification services. We have made use of this opportunity to demonstrate the value and benefits brought by testing and certification through a number of online promotion initiatives.

All the above has been achieved with collaborative efforts of many parties. I would like to express the Council's gratitude to all testing and certification bodies, trade and professional associations, tertiary institutions, public bodies and government departments which have supported our work in the past year. While there may still be uncertainties and challenges in the coming year, with collaboration of all our stakeholders, I am confident that Hong Kong's testing and certification sector will continue to contribute to assuring product quality and safety of our community.



Professor YU Cheung-hoi, Albert  
Chairman  
Hong Kong Council for Testing and Certification  
30 April 2021

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## Abbreviations Used

APAC	Asia Pacific Accreditation Cooperation
BEAM	Building Environmental Assessment Method
CCC	China Compulsory Certification
CEPA	Mainland and Hong Kong Closer Economic Partnership Arrangement
CMM	Chinese Materia Medica
COVID-19	Novel Coronavirus Disease 2019
CPD	Continuing Professional Development
GBA	Greater Bay Area
HKAS	Hong Kong Accreditation Service
HKIE	Hong Kong Institution of Engineers
HKPC	Hong Kong Productivity Council
HKSP	Hong Kong Science Park
HKTDC	Hong Kong Trade Development Council
HKTIC	Hong Kong Association for Testing, Inspection and Certification
HKUST	Hong Kong University of Science and Technology
IAF	International Accreditation Forum
IB	Industrial Buildings
ICAC	Independent Commission Against Corruption
ILAC	International Laboratory Accreditation Cooperation
ITC	Innovation and Technology Commission
MOEP	Mainland and Overseas Exhibition Programme
NB	New Buildings
NDTSID	Non-destructive Testing Methods for Survey, Imaging and Diagnosis
OUHK	The Open University of Hong Kong
PT	Proficiency Testing
PolyU	Hong Kong Polytechnic University
SARS-CoV-2	Severe Acute Respiratory Syndrome Coronavirus 2
STEM	Science, Technology, Engineering and Mathematics
SSSDP	Study Subsidy Scheme for Designated Professions/ Sectors
TVP	Technology Voucher Programme
VTC	Vocational Training Council
YMCA	Young Men's Christian Association

## 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 Members for the term of 2020-21 are at Annex 1

### 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 (2019 FIGURES<sup>1</sup>)

### Number of Establishments

2.1 There were 870 establishments in Hong Kong engaging in testing, inspection and certification activities in 2019, of which 770 were private independent establishments –

Category	Number
Private independent establishments engaging in testing, inspection and certification activities as their major economic activity	770
Manufacturers and exporters engaging 100 persons or more and with in-house laboratories for testing activities	40
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
<b>Total</b>	<b>870</b>

### 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 38% of the total persons engaged and 33% of the total business receipts in the industry.

### Persons Engaged

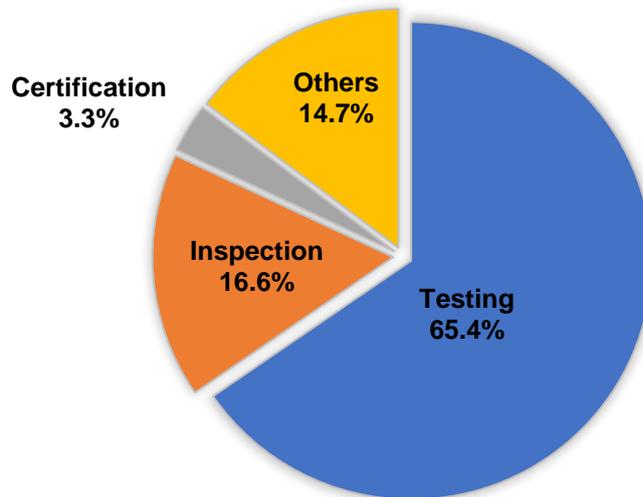
2.3 The number of persons engaged in testing, inspection and certification activities was around 19 040 in 2019, of which 14 790 persons were engaged by private independent establishments. About 7 120 (48% of 14 790) were professionals and associate professionals whose main duties were to provide testing, inspection and certification services in the private independent establishments.

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<sup>1</sup> Based on a survey conducted by the Census and Statistics Department.

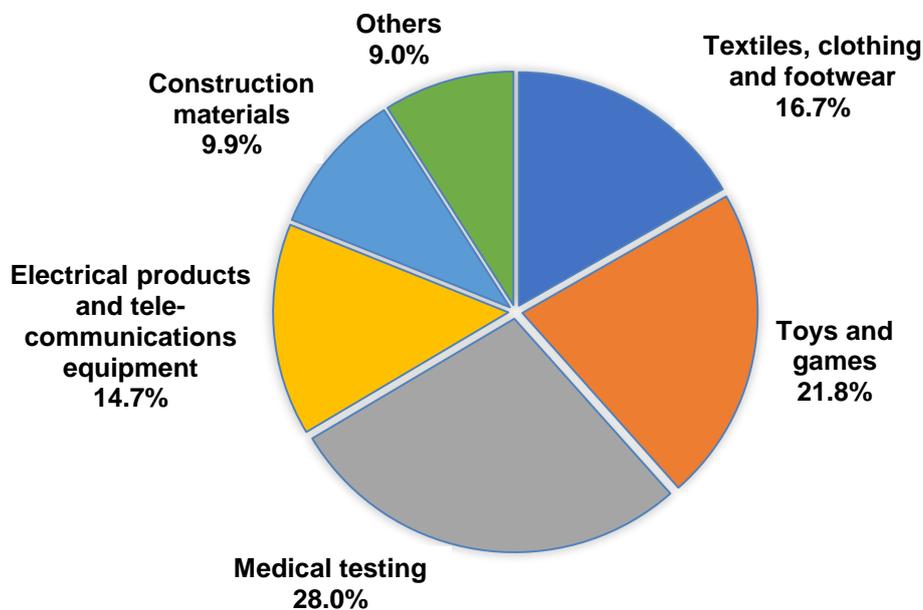
## Business Receipts

2.4 The total business receipts of private independent establishments in the industry were \$14.9 billion in 2019. The direct economic contribution to Hong Kong's Gross Domestic Product was \$7.3 billion. Breakdown of the business receipts are shown below:



**2019**

Business receipts by type of services



**2019**

Further breakdown of business receipts from testing services

*(Note: Percentages add up to more than 100% due to rounding.)*

### **III. IMPROVEMENT ON THE GENERAL FRONT**

3.1 Efforts for improvement on the general front cover two major aspects – accreditation service and factors of production of the testing and certification sector.

#### **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 testing and certification sector. To respond to new market needs arising from the COVID-19 pandemic, HKAS launched the accreditation service for medical face mask testing in April 2020. In addition, HKAS is providing accreditation service on the testing of clinical samples for the coronavirus that causes COVID-19, under the “Medical Testing” test category. Besides, HKAS has been making preparation to roll out the accreditation service for the “non-destructive testing, surveying, imaging and diagnosis (“NDTSID”) applied in underground utility surveys.

3.3 To ensure high professional standards in delivering accreditation service, HKAS continued to arrange training workshops and courses for its staff and assessors. For instance, training workshops on integrity management and webinars on food testing were conducted in 2020.

#### **Factors of Production**

##### Manpower

3.4 In 2020-21, the Council continued to take a more focused approach in helping to attract talent for the testing and certification sector. The membership of the Panel on Manpower Development under the Council has also been strengthened with younger elements through participation in the Member Self-recommendation Scheme for Youth Phase III. In February 2021, two young persons have been appointed as new members of the Panel through the scheme.<sup>2</sup>

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<sup>2</sup> The terms of reference and membership list of the Panel on Manpower Development are set out at Annex 2.

## *Attracting talent*

3.5 To help attract youngsters to join the testing and certification sector, the Panel on Manpower Development has earlier produced a new set of manpower resource package, containing a total of five brochures and five videos, to showcase the mission of testing and certification services and career opportunities in the industry. The Council has continued to promote these materials through various youth-related digital channels. In addition to the Council's website and YouTube, these materials have been made available at the websites of Qualifications Framework and some tertiary institutions including the Open University of Hong Kong (OUHK), the Hong Kong University of Science and Technology (HKUST) and the Vocational Training Council (VTC). Hok Yau Club and "youth.gov.hk" have also published the materials via their websites and their Facebook/Instagram accounts. Besides, two waves of banner advertisements were put up in various popular job portals in May to September 2020 and March to April 2021 respectively to publicise testing and certification as a preferred career choice.

3.6 To demonstrate that talent is much treasured by the testing and certification sector, the Panel on Manpower Development is preparing to organise an award scheme to commend testing and certification organisations which attach great importance to manpower and professional development of testing and certification practitioners. The scheme will also acclaim outstanding testing and certification practitioners who strive for continuous learning and improvement, and make distinguished contribution to improving service quality and productivity of their organisation. The scheme is targeted to start receiving applications in mid 2021.

3.7 The Council has continued to arrange a wide range of activities in 2020-21 to enhance students' understanding and interest in the testing and certification sector –

- (a) while a number of laboratory visits, career talks and fairs for university and secondary school students in 2020-21 have been cancelled or gone virtual due to the COVID-19 pandemic, two laboratory visits were organised in July 2020 – one for students aged between 9 and 11 in collaboration with the YMCA of Hong Kong, and another for secondary school students. During the year, the Council has also participated in the virtual career fairs organised by the Chinese University of Hong Kong and the University of Hong Kong. The Council also co-organised the virtual "Testing, Certification and Inspection (TCI) Week" with the HKUST in November 2020.

Testing and certification practitioners from four organisations delivered online career talks and joined the live chitchatting sessions with students in the event;



### Laboratory Visit and Online Career Talk for Students

- (b) co-ordination of internship opportunities was made for Summer 2020. More than 110 internship places offered by accredited organisations were relayed to the Vocational Training Council (VTC)/ local universities, and disseminated through the Council's website;
- (c) the Council and HKAS have delivered two on-line talks on accreditation, testing and certification to tertiary students;
- (d) between October and November 2020, the Council organised six sessions of laboratory workshops for secondary students through the “Science in the Public Service (科學為民)” Programme. Around 170 students participated and they were given opportunities to conduct experiments introduced by the teaching kit on chemistry testing<sup>3</sup> developed by the Council earlier. In addition, a walk-through demonstration for the six experiments therein was held in March 2021 for around 20 secondary school chemistry teachers.



### Laboratory Workshops in “Science in the Public Service”

<sup>3</sup> The teaching kit was launched in June 2016 to raise the awareness of testing and certification among secondary students through introducing basic chemical testing concepts in class.

3.8 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 STEM teaching kit, introducing the basic scientific knowledge and concepts applicable to testing and inspection. A trial run of the kit is planned to be conducted in 2021.

3.9 The tertiary education sector has continued to offer courses dedicated to testing and certification, ranging from higher diploma to postgraduate levels. 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 testing and certification sector. SSSDP has extended its coverage to OUHK's Bachelor of Science with Honours Programme in Food Testing Science in the 2021/22 academic year, in addition to OUHK's Bachelor of Engineering with Honours Programme in Testing and Certification and Bachelor of Science with Honours Programme in Testing Science and Certification.

#### *Enhancing the capabilities of practitioners*

3.10 The Council, HKAS, VTC and the Government Laboratory organised around 10 seminars, workshops, short courses and other training events for practitioners in the testing and certification sector in 2020-21.

3.11 Given that integrity is a cornerstone to the success and further development of the testing and certification 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 2020, 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.



Online Seminar

3.12 To update stakeholders on the latest development for the specifications for NDTSID of underground utilities being developed by the Hong Kong Polytechnic University (PolyU), the Council co-organised a webinar with the HKAS and the Department of Land Surveying and Geoinformatics of the PolyU in January 2021.

### Capital and Technology

3.13 The COVID-19 outbreak has driven up demand for all types of personal protective equipment, notably surgical masks. Supporting measures have been implemented to facilitate the testing and certification sector to respond to the new market needs. In April 2020, it was announced that eligible laboratories could apply for funding support under the Technology Voucher Programme (TVP) for setting up local testing facilities for performance evaluation of medical face masks or materials used, with the cost ratio for off-the-shelf/ readily available equipment or solutions relaxed.

3.14 The Government has also implemented a number of support measures to help various sectors to face up the challenges during the COVID-19 pandemic. For example, the Government has launched the Employment Support Scheme to sustain employment during the pandemic. According to available information, over 110 private testing and certification organisations, ranging from small and medium enterprises to multinational corporations, have received subsidies totalling \$454 million. During the wage subsidy period of the first and second tranche (June to August 2020 and September to December 2020), these organisations have committed to maintaining a total paid headcount of 9,100 and 8400 respectively.

3.15 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 for a reasonable fee. As of March 2021, “Lab Test One” covered 36 laboratories including ITC’s Standards and Calibration Laboratory, laboratories in HKPC, HKSP and other laboratories in universities and Research and Development Centre. This has facilitated easier access to advanced equipment by the private sector. To further promote the shared facilities, HKPC and the HKSP jointly organised the “InfoTalk-Testing and Certification of IoT Product: From R&D Perspective” for the industry in April 2020.

3.16 Proficiency testing (PT) is crucial for the upholding of technical capability of our laboratories. In 2020-21, the Government Laboratory has organised the PT programme on safety testing on inorganic arsenic in aquatic product. It has also been preparing for conducting another PT programme on assay of Chinese Materia Medica (CMM)<sup>4</sup> in which local laboratories will be invited to participate in early 2021-22.

### Premises

3.17 According to the revitalisation scheme for industrial buildings (IBs), one of the measures is the relaxation of waiver application policy. Between 1 February 2019 and 31 January 2024 (the Specified Period), subject to the prerequisite<sup>5</sup>, an owner of part(s) of an existing IB does not need to apply for a temporary waiver from Lands Department, and does not need to pay a waiver fee and an administrative fee which would otherwise be payable, for putting the relevant IB premises to such permitted non-industrial uses during the Specified Period. Testing laboratories may benefit from this measure.

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<sup>4</sup> The CMM to be covered in proficiency testing programme are Radix Codonopsis (黨參) and Atractylodis Rhizoma (蒼朮).

<sup>5</sup> The prerequisite is that the relevant non-industrial uses in the premises within the IBs are always permitted under the relevant statutory plan, and do not involve direct provision of services or goods attracting visiting members of the public.

#### **IV. NEW OPPORTUNITIES IN DIFFERENT BUSINESS AREAS**

4.1 In 2020-21, the Council continued to promote testing and certification services in different business areas and explore new opportunities.

##### Promotion of New Testing and Certification Services

4.2 The BEAM Plus New Buildings (NB) v.2.0, an upgraded assessment tool for sustainability performance of new buildings, was launched by the BEAM Society in September 2019. In this new version, credits would be given for the use of building materials certified to a product certification scheme, aiming to give more incentive to the construction industry in adopting construction materials product certification. To facilitate a smooth migration to the new version, transitional arrangements with a grace period of 2 years have been implemented. Projects are allowed to opt for assessment under the old or new version until 31 August 2021. To enhance understanding of the product certification requirements in NB v.2.0, the Council collaborated with the BEAM Society to organise a Continuing Professional Development (CPD) webinar training session in March 2021 for BEAM Professionals/Affiliates.

##### The Mainland and Hong Kong Closer Economic Partnership Arrangement (CEPA)

4.3 Continuous efforts are being made to further liberalise the Mainland market for Hong Kong's testing and certification sector.

4.4 Under the amended version of the CEPA Agreement on Trade in Services, qualified Hong Kong testing organisations, in collaboration with designated Mainland organisations, may undertake testing for China Compulsory Certification (CCC) products processed or manufactured in any place (including places outside China). Hong Kong testing laboratories, with its strong international network, are expected to grasp more business opportunities from this widened liberalisation measure, which has taken effect since 1 June 2020.

##### Guangdong-Hong Kong-Macao Greater Bay Area (GBA) and the Belt and Road Initiative

4.5 In November 2020, the Council invited testing and certification bodies to offer specific views and suggestions for seizing development opportunities arising from the GBA and Belt and Road Initiative. Taking into account the

respondents' comments, the Council has been stepping up the promotional efforts in the GBA to roll out a four-month digital advertising campaign in January 2021. Specifically, advertisement banners were strategically placed on popular digital platforms in the Mainland to promote the strengths of Hong Kong's testing and certification services to targeted manufacturers and traders of products like food, cosmetics, medical devices, other consumer goods, etc. in GBA cities. The Council also intended to organise on-site sharing sessions or trade fairs targeting individual GBA cities or product types after the pandemic has subsided.

4.6 In August 2020, the third Joint Conference on Advancing Hong Kong's Full Participation in and Contribution to the Belt and Road Initiative was held. It was participated by the Hong Kong Government, the National Development and Reform Commission and relevant Mainland ministries. At the meeting, both sides exchanged ideas on promoting the participation of Hong Kong's testing and certification sector in testing work, including undertaking CCC tests and giving consideration to carrying out pilots at those overseas Economic and Trade Co-operation Zones set up by the Mainland in Belt and Road countries, thereby bringing Hong Kong's soft power into continuous play.

## **V. SEEKING WIDER RECOGNITION OF HONG KONG'S ASSESSMENT RESULTS**

5.1 Through the multilateral mutual recognition arrangements administered by the Asia Pacific Accreditation Cooperation (APAC), 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 105 accreditation bodies in 104 economies, including Hong Kong's major trading partners. In May 2020, HKAS successfully extended its signatory status under the IAF Mutual Recognition Arrangement to cover Occupational Health and Safety Management System accreditation. HKAS also became a signatory to the ILAC Mutual Recognition Arrangement on Reference Material Producers accreditation in July 2020.

## VI. PROMOTION

### Enhancing Different Sectors' Understanding of the Benefits Brought by Testing and Certification

6.1 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 testing and certification could bring to them.

6.2 In the past year, the Council has continued to promote accredited testing and certification 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 the March/April 2021 issue of two healthcare related magazines. These magazines would be distributed in clinics, hospitals, clubhouses, community and elderly centres, etc. To raise the awareness and knowledge on testing and certification among the engineering professionals, the Council co-organised a seminar with the Environmental Division of the Hong Kong Institution of Engineers (HKIE) on environmental testing for its members in February 2021.

6.3 In 2020-21, while a number of local trade fairs were postponed/cancelled owing to public health considerations<sup>6</sup>, the Council set up a virtual booth at the Belt and Road Summit 2020 from 30 November to 1 December 2020 to showcase the strengths of Hong Kong's testing and certification sector.

6.4 As for promotion outside Hong Kong, the Council participated in the China Hi-Tech Fair 2020 in Shenzhen in November 2020 with seven testing and certification bodies joining through the Mainland and Overseas Exhibition Programme (MOEP). Promotional materials of the participating testing and certification bodies were distributed during the fair period. The Spielwarenmesse International Toy Fair 2021 in Nuremberg, Germany has been rescheduled from January/February 2021 to summer 2021. The Council would keep in view the development and invite accredited testing and certification organisations to join our booth in the toy fair to promote Hong Kong's testing and certification services together. The Hong Kong Trade Development Council (HKTDC) has also assisted the Council by displaying

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<sup>6</sup> The rescheduled/cancelled trade fairs are Hong Kong International Lighting Fair (Spring Edition), Hong Kong Electronics Fair (Spring Edition), Hong Kong Houseware Fair, Hong Kong Fashion Week, Hong Kong Gifts & Premium Fair, Hong Kong International Jewellery Show, Hong Kong Electronics Fair (Autumn Edition), Hong Kong International Lighting Fair (Autumn Edition), Eco-Expo Asia, Hong Kong International Optical Fair, SmartBiz Expo, Food Expo, and Hong Kong Toys and Games Fair.

promotional materials at three trade fairs outside Hong Kong. Advertisements were placed in several HKTDC publications including the Enterprise Yearbook, HKTDC Medical Devices and Supplies Magazine and HKTDC Consumer Technologies Magazine.

#### Enhancing Industry Profile and General Awareness

6.5 The COVID-19 epidemic and high demand for sanitisers and protective equipment have aroused general public's awareness of the importance of quality and related testing and certification services. The Council has made use of this opportunity to demonstrate the value and benefits brought by testing and certification through publishing series of articles in digital channels. Two waves of advertorials were published in April - May 2020 and August - September 2020 in two news app respectively, covering a wide range of important topics including accreditation, standards, different testing services (e.g. textile, toy and electronic product testing), ISO 9001, information security management system certification, etc. Another series of 10 articles highlighting the importance of testing and certification in daily life have been published in a news app since late February 2021.

6.6 In December 2020, the Council participated in the mega event, InnoCarnival, which was turned into a virtual one this year. An interactive virtual booth has been set up to introduce the basic concepts and importance of smart product testing and certification services to the public.

6.7 While the Digi-Science Video Production Competition in 2019-20 was eventually cancelled due to school closure under the pandemic, the Council collaborated again with the Hong Kong Association for Science and Mathematics Education to organise the competition in 2020-21. A briefing on this year's theme "Testing Science in Daily Life – Healthcare and Hygiene" was held in November 2020 for the participating students. The results of the competition would be announced in 2021.

6.8 In collaboration with the Hong Kong New Generation Cultural Association, 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 since 2016-17. The final judging and award presentation ceremony for the competition 2019-20 were held in June and September 2020 respectively. Two advertorials in newspapers covering the awards were published in October 2020.

Annex 3 6.9 Photos showing the Council's various promotion initiatives are enclosed at **Annex 3**.

## **VII. SUPPORT TO THE COUNCIL**

### **Secretariat Support**

7.1 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**

7.2 The Government provides financial support to the Council in the implementation of its initiatives. In 2020-21, with the postponement/cancellation of a number of physical trade fairs and activities and implementation of more online promotional initiatives, the expenditure incurred was about \$2.9 million (excluding staff emolument<sup>7</sup>), which was \$2.7 million lower than that in 2019-20.

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<sup>7</sup> All personal emoluments and personnel related expenses of the staff in the 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

## **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 March 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 joining from 1 February 2021, through the Member Self-Recommendation Scheme for Youth

# The Vocational Training Council has been represented by Dr LAU Hing-keung George starting January 2021. Dr LAU, in his personal capacity, used to be a member of the Panel before January 2021.

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



China Hi-Tech Fair



Belt and Road Summit (Virtual Exhibition)

**認可醫務化驗服務 信心之選**

【醫務所認可計劃】 提供認可保證

法醫的準確度對於司法公義、辯控與否、能否定罪均起決定性作用。而法醫的準確度亦與市民的健康息息相關。HKTCC 醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台，為市民、醫務界、法醫界、保險界、法律界、學術界、政府、企業、社會各界提供一個可靠的認可平台。

HKTCC 醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台。HKTCC 醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台。

**認可保證 公正嚴謹**

HKTCC 醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台。HKTCC 醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台。

**如何選擇醫務化驗所?**

大家通常遇到醫療檢驗時，都會選擇一些國際公認、權威、信譽、可靠、準確的認可平台。HKTCC 醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台。

醫務所認可計劃

醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台。HKTCC 醫務所認可計劃，為法醫界提供一個國際公認、權威、信譽、可靠、準確的認可平台。

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