

Hong Kong Council for Testing and Certification

Report for 2017-18



Foreword

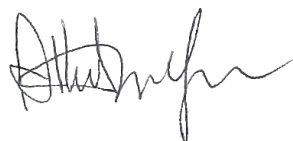
I am pleased to report the work of the Council during the period April 2017 – March 2018.

During the year, the Council has continued to adopt a market-oriented approach and collaborate with many stakeholders to support the development of the testing and certification sector. We continue to work for an environment conducive to the sector's growth. Thanks to the support of the tertiary education institutions, we see more courses dedicated to testing and certification. The sector has also made wider use of available government funding schemes to support its development.

I am also glad to report new development in a number of potential areas. With the official launch of the Food Hygiene Standard Certification System, we have been working with the Hong Kong Polytechnic University (the developer of the system) to introduce this new food hygiene standard to different stakeholders. The Gemmological Association of Hong Kong has formally announced its new standard methods for testing Fei Cui. The seminar on this new development has attracted the interests of Mainland and overseas industry leaders. We have also engaged stakeholders of the Chinese Medicine trade with a view to refining the product certification scheme for Chinese Materia Medica. Construction material certification will be added to a green building labelling scheme to provide more incentive for private developers to adopt certified materials. In addition, new liberalisation measures under CEPA are expected to help open up more Mainland and overseas development opportunities for our testing and certification sector.

We are also making new attempts in promotion to better reach out to the potential users of testing and certification services. We have started issuing our newsletter. We have also piloted using online channels to publicise the benefits brought by testing and certification.

Finally, I would like to express the Council's gratitude to all testing and certification bodies, trade and professional associations, tertiary institutions and public bodies who supported our work in the past year. I look forward to another fruitful year by continuing to work with all our stakeholders.



Professor YU Cheung-hoi, Albert
Chairman

Hong Kong Council for Testing and Certification
3 May 2018

CONTENTS

- I. Hong Kong Council for Testing and Certification
- II. Industry Profile (2016 figures)
- III. Improvements on the General Front
- IV. New Opportunities in Different Business Areas
- V. Seeking Wider Recognition of Hong Kong's Assessment Results
- VI. Promotion
- VII. Support to the Council

Annexes

- Annex 1 Membership List of the Hong Kong Council for Testing and Certification for the terms of 2016-17 and 2017-18
- Annex 2 Membership List of the —
 - (a) Panel on Promoting Testing and Certification Services in Chinese Medicines Trade
 - (b) Panel on Promoting Testing and Certification Services in Construction Materials Trade
- Annex 3 Efforts of the Hong Kong Council for Testing and Certification in Promoting Hong Kong's Testing and Certification Sector

Abbreviations Used

APLAC	Asia Pacific Laboratory Accreditation Cooperation
BEAM	Building Environmental Assessment Method
CEPA	Mainland and Hong Kong Closer Economic Partnership Arrangement
CCC	China Compulsory Certification
CMM	Chinese Materia Medica
EnMS	Energy Management System
FSMS	Food Safety Management System
HKAS	Hong Kong Accreditation Service
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
IECEE	International Electrotechnical Commission System for Conformity Assessment Schemes for Electrotechnical Equipment and Components
ILAC	International Laboratory Accreditation Cooperation
ITC	Innovation and Technology Commission
ITF	Innovation and Technology Fund
LEP	Local Exhibition Programme
MOEP	Mainland and Overseas Exhibition Programme
MLA	Multilateral Recognition Arrangements
OUHK	The Open University of Hong Kong
PAC	Pacific Accreditation Cooperation
PolyU	The Hong Kong Polytechnic University
SSSDP	Study Subsidy Scheme for Designated Professions/ Sectors
VTC	Vocational Training Council

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 ➤ Membership list for the terms of 2016-17 and 2017-18 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 effort 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 (2016 FIGURES¹)

Number of Establishments

2.1 There were 770 establishments in Hong Kong engaging in testing, inspection and certification activities in 2016, of which 670 were private independent establishments –

Category	Number
Private independent establishments engaging in testing, inspection and certification activities as their major economic activity	670
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 (HKAS) in local universities)	55
Total	770

Size of Private Independent Establishments

2.2 The vast majority (94%) of the private independent establishments were small and medium enterprises engaging fewer than 50 persons. They accounted for 27% of the total persons engaged and 28% of the total business receipts in the industry.

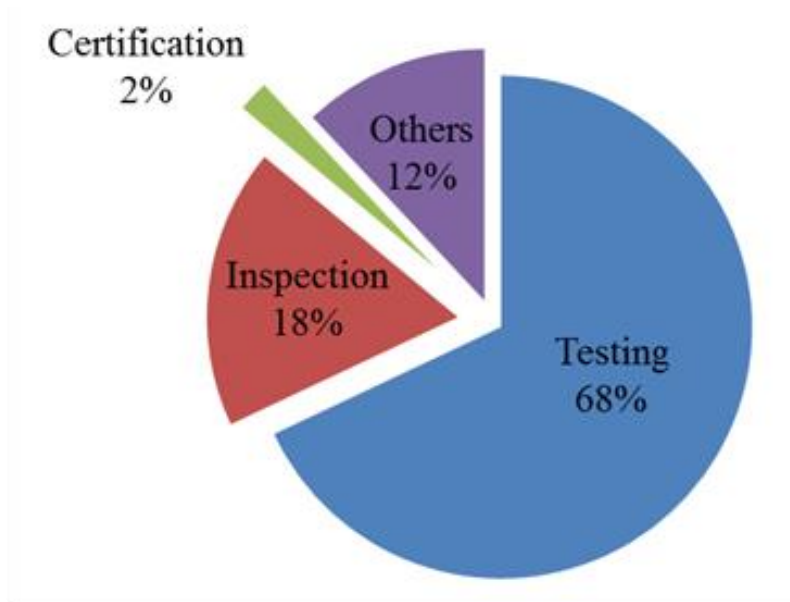
Persons Engaged

2.3 The number of persons engaged in testing, inspection and certification activities was around 18 000 in 2016, of which 13 960 persons were engaged by private independent establishments. About 6 490 (46% of 13 960) were professionals and associate professionals whose main duties were to provide testing, inspection and certification services in the private independent establishments.

¹ Based on a survey conducted by the Census and Statistics Department.

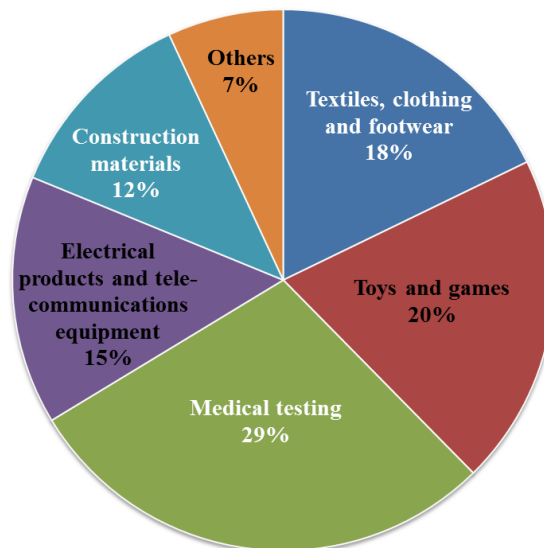
Business Receipts

2.4 The total business receipts of private independent establishments in the industry were \$14.1 billion in 2016. The direct economic contribution to Hong Kong's Gross Domestic Product was \$7.3 billion. Breakdown of the business receipts are shown below:



2016

Business receipts by type of services



2016

Further breakdown of business receipts from testing services

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

III. IMPROVEMENTS ON THE GENERAL FRONT

3.1 Efforts for improvements on the general front cover two major aspects – accreditation service and factors of production of the testing and certification sector. The work of this Council and other relevant stakeholders on these two aspects are set out below.

Accreditation Service

3.2 The accreditation service provided by Hong Kong Accreditation Service (HKAS) under the Innovation and Technology Commission (ITC) is essential to the local testing and certification industry. In 2017-18, HKAS extended its accreditation service to conformity assessment bodies undertaking the following activities –

- (a) veterinary testing; and
- (b) scene of crime investigation.

3.3 To ensure high professional standards in delivering accreditation service, HKAS arranged a number of training workshops and courses for its staff in 2017-18 to assist them in acquiring the skills necessary for the new accreditation services. In April 2017, several officers spoke at the ISO/IEC 17021-1 workshop organised by the Pacific Accreditation Cooperation (PAC) in Hong Kong. They shared with assessors of other accreditation bodies their experience on assessing management system certification bodies.

3.4 HKAS will continue to review and update its accreditation criteria documents regularly to assist accredited organisations to operate in accordance with new accreditation and technical standards.

Enhancement to Factors of Production

Manpower

3.5 The Council has been putting much focus in attracting new blood to the industry, and continuously enhancing the capabilities of industry practitioners.

Attracting new blood

3.6 In 2017-18 –

- (a) the Council organised nine career talks and 13 laboratory visits for university and secondary students, and set up promotional booths at five career fairs in universities with support from HKAS and industry practitioners.



Career Talk and Career Booth for Students

- (b) the Council continued to co-ordinate internship opportunities. Accredited organisations offered more than 140 internship places for Summer 2017. The offers were relayed to the Vocational Training Council (VTC) and local universities, and uploaded to the Council's website for easy access by the students;
- (c) HKAS delivered a talk on the concepts of accreditation, testing and certification and the career prospects in the industry to students of tertiary education institutions; and
- (d) to encourage more senior secondary chemistry teachers to use the teaching kit on chemistry testing² at schools, two sessions of walk-through demonstration for the six experiments of the kit were held in April and June 2017. The demonstrations had received very positive feedback from participating teachers.

3.7 The tertiary education sector has been offering more courses dedicated to testing and certification, ranging from the sub-degree to postgraduate levels. For instance, the Technological and Higher Education Institute of Hong Kong³ launched a new full-time top-up bachelor of

² 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. The kit and demonstration videos are available for download on the Council's website. Teachers' Guide and Student Laboratory Manual are also available on :
http://www.hkctc.gov.hk/en/doc/Teaching_Kit_Teachers_Guide_Eng.pdf, and
http://www.hkctc.gov.hk/en/doc/Teaching_Kit_Student_Manual_Eng.pdf, respectively.

³ The Technological and Higher Education Institute of Hong Kong was set up by the VTC, aiming to produce work-ready graduates.

science programme in testing and certification in 2017. Whereas the first full-time four-year bachelor's degree programme dedicated to testing and certification was launched by the Open University of Hong Kong (OUHK), with the first batch of students graduated in 2017. Since the 2015/16 academic year, the Government introduced 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 in keen manpower demand. OUHK's testing and certification programme has been covered. The Government will regularise SSSDP starting from the 2018/19 academic year.

Enhancing the capabilities of practitioners

3.8 The Council, HKAS, VTC and the Government Laboratory organised around 50 seminars, workshops, short courses and other training events for practitioners in the testing and certification industry in 2017-18.



Seminars

3.9 Given integrity is a cornerstone to the success and further development of the testing and certification industry, the Council has been working closely with the Independent Commission Against Corruption (ICAC) and other stakeholders to promote integrity among industry players. For instance, the Council and the ICAC jointly organised a seminar on integrity and professional development in July 2017. Anti-bribery legislation and professional ethics were covered to keep the testing and certification practitioners afresh on anti-corruption measures. Further to the development of the Corruption Prevention Guide for the Testing and Certification Industry by the ICAC in consultation with the Council and HKAS in 2011, the ICAC published a new pamphlet in early 2018 for front line staff of the industry, introducing to them anti-corruption tips in handling construction materials testing. Besides, a new edition of HKAS Supplementary Criteria No. 6 “Code of Conduct” was published and

implemented in January 2018. According to this new edition, all personnel in an accredited organisation are required to attend integrity management training courses organised by ICAC as far as possible.

Capital and Technology

3.10 The Council has been encouraging wider use of the Innovation and Technology Fund (ITF) and other funding sources to support the testing and certification sector for research and development of testing technologies, and to improve its productivity. In November 2017, the Council organised a seminar to introduce different funding schemes and other support services applicable to the testing and certification sector.

3.11 The “Lab Test One” initiative jointly launched by the Hong Kong Productivity Council (HKPC) and the Hong Kong Science Park (HKSP) in 2013 has enabled private testing laboratories to make use of laboratory facilities in the public sector for a reasonable fee. As of March 2018, “Lab Test One” covered 36 laboratories. It has facilitated easier access to advanced equipment by the private sector. For instance, 72% of the operation time of the HKPC's electromagnetic compatibility anechoic chamber was used by private laboratories. To further promote the shared facilities, HKPC and the HKSP jointly organised two seminars cum laboratory visits for the industry in 2017-18.

3.12 Proficiency testing is crucial for the upholding of technical capability of our laboratories. In 2017-18, the Government Laboratory has organised two proficiency testing programmes on testing of boric acid in food and propionic acid in flour confectionery. Between July 2017 and January 2018, it also supported the Council in coordinating a proficiency testing programme for assay of five Chinese Materia Medica (CMM)⁴. Eleven local laboratories participated in this programme.

Land

3.13 To facilitate the operation of testing laboratories, our work focus has been on making available more choices of suitable premises in the market. The Government introduced the “Nil Waiver Fee” measure with

⁴ The five CMM covered in proficiency testing programme 2017 are: Acori Tatarinowii Rhizoma (石菖蒲), Radix et Rhizoma Glycyrrhizae (甘草), Radix Rehmanniae (地黄), Rhizoma Atractylodis Macrocephalae (白朮), and Schisandrae Chinensis Fructus (五味子).

effect from 1 February 2016. It aims to facilitate the operation of testing and calibration laboratories in industrial buildings. Upon successful application, owners of the industrial premises will be exempted from paying the waiver fees that would otherwise be chargeable for issuing waivers to allow the accommodation of such laboratories under a general industrial land lease. We will continue supporting this measure, and keep liaising with relevant authorities for including testing and certification as a permitted use in new development areas.

IV. NEW OPPORTUNITIES IN DIFFERENT BUSINESS AREAS

4.1 In 2017-18, the Council has adopted a focused yet flexible approach in promoting testing and certification services in different business areas. While the panels on promoting testing and certification services in Chinese medicines and construction materials trade were re-convened in 2017 to follow up the work of previous years, continued support was also given to the development in other areas through various channels. (The membership lists of the two panels are set out at **Annex 2**.)

Annex 2

Promotion of New Testing and Certification Services

4.2 The HKPC has developed a product certification scheme for CMM to help users identify safe and authentic CMM. Two batches of CMM were certified under the scheme in late 2015. In 2017, the Council has considered feedback of the testing and certification bodies and Chinese medicines trade on the scheme. We will continue to work with HKPC to refine the scheme and improve its practicality.

4.3 As for promoting the adoption of construction materials product conformity certification schemes, the Hong Kong Housing Authority has continued to play a leading role. Since September 2017, the Authority has extended the product certification requirement in its works tender to one more building product – paint – bringing the total number to 12.⁵ As at March 2018, six certification bodies have obtained HKAS's accreditation for conducting product certification for 15 types of construction materials/building components.

4.4 The BEAM Society, owner of Building Environmental Assessment Method (BEAM), has been reviewing its assessment tool on BEAM Plus New Buildings, a voluntary green building labelling scheme on building quality and sustainability performance. In the new version, use of certified building materials would be given credit in the assessment of a new building. This new move is expected to give more incentive to private developers in adopting construction materials product certification schemes. The BEAM Society is planning to roll out the revised BEAM Plus scheme in 2018-19. The Council has been liaising with BEAM Society and other stakeholders

⁵ The 12 building products are timber doorsets (fire rated doors) & panel wall for partitions, concrete, cement products (for architectural uses), tile adhesives, ceramic tiles (floor tiles and wall tiles), repair mortars, aluminum windows, uPVC drainage pipes and fittings, close-coupled water closet suites, fabric/ mesh reinforcement, LED lighting products as well as multi-layer acrylic paints.

with a view to promoting wider adoption of such certification schemes.

4.5 In March 2017, the Gemmological Association of Hong Kong (GAHK) formally announced its new standard testing methods for Fei Cui. To facilitate the provision of the new testing service to the jewellery trade, GAHK is reviewing and updating its Guidance Notes for Mandatory Continuing Professional Development for Fei Cui Certified Gemmologist. The seminar co-organised by the Council and GAHK has also attracted the interests of Mainland and overseas industry leaders.

4.6 The Hong Kong Polytechnic University (PolyU) has developed the Food Hygiene Standard Certification System, which was officially launched in September 2017. It is tailor-made for the local catering industry to enhance the food hygiene standard of our catering establishments, especially small and medium enterprises. The Council has been working with PolyU to introduce this certification system to different stakeholders.

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

4.7 Since the signing of CEPA Supplement VII in 2010, the Mainland has been gradually opening up its testing and certification market to Hong Kong. In 2017, further liberalisation measures relating to testing and certification were announced under the CEPA framework.

4.8 The CEPA Agreement on Economic and Technical Cooperation signed in June 2017 introduced two new initiatives related to certification. One is to consider recommending an eligible certification body located in Hong Kong to join the International Electrotechnical Commission System for Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE) as a National Certification Body of China. The other is to consider applications of eligible certification bodies set up by Hong Kong enterprises in the Mainland to become designated certification bodies under the China Compulsory Certification (CCC) system.

4.9 Subsequent to the signing of the CEPA Agreement on Trade in Services in November 2015, an Implementation Guide for the articles relating to testing and certification in this Agreement was promulgated in September 2017. It provides implementation details for the new liberalisation measure included in the CEPA Agreement on Trade in Services - to introduce, on a

pilot basis, a mutual recognition arrangement of certification and relevant testing business among Guangdong, Hong Kong and Macao in the China (Guangdong) Pilot Free Trade Zone, with a view to carrying out “certified once, tested once, and results accepted by three places”. Under the Implementation Guide, testing organisations in Hong Kong may cooperate with designated Mainland certification bodies to undertake testing for products requiring CCC which are processed or manufactured in the China (Guangdong) Pilot Free Trade Zone. Besides, eligible Hong Kong certification bodies may cooperate with Mainland CCC product certification bodies for deploying inspectors to carry out initial and follow-up factory inspection on CCC product manufacturers in the China (Guangdong) Pilot Free Trade Zone.

4.10 The above measures are envisaged to help further open up Mainland and overseas development opportunities for the local testing and certification sector, hence, fostering its long-term growth.

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

International and Regional Participation

5.1 HKAS has been participating actively in the international accreditation community and is a member of different international organisations. In September 2017, HKAS hosted two training workshops of the Asia Pacific Laboratory Accreditation Cooperation (APLAC) for lead evaluators and member bodies on the new edition of ISO/IEC 17011. The meetings of the APLAC Board of Management and the Project Steering Committee for the merger of APLAC and PAC were also held in Hong Kong in December 2017. Besides, HKAS contributed two articles to the newsletter of International Laboratory Accreditation Cooperation (ILAC) in 2017.

5.2 Through the multilateral mutual recognition arrangements administered by international and regional accreditation cooperations, endorsed reports and accredited certificates issued by HKAS's accredited organisations are now recognised by 100 accreditation bodies in 99 economies, including Hong Kong's major trading partners. In March 2017, HKAS successfully extended its signatory status under the PAC Multilateral Recognition Arrangements (MLA) to cover Energy Management System (EnMS) certification. HKAS also became a signatory for Food Safety Management System (FSMS) certification to the MLA of PAC and International Accreditation Forum (IAF) in June and July 2017, respectively.

VI. PROMOTION

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

6.1 The Council has continued to promote the branding of 'Tested in Hong Kong, Certified in Hong Kong' to potential service users, and introduce to different sectors the value that testing and certification could bring to them.

6.2 Seminars were held on testing and certification services relating to wireless, telecommunication and smart products, construction materials, food, environmental protection and so on. We have also offered briefings to trade bodies to introduce the benefits of obtaining ISO/IEC 27001 Information Security Management System certification. An article featuring accredited medical testing services was published on a web-based health-care magazine targeting medical professionals.

6.3 In 2017-18, the Council set up promotional booths in 19 trade fairs targeting a wide range of product categories. With assistance of the Hong Kong Trade Development Council (HKTDC) and the Hong Kong Association for Testing, Inspection and Certification, we arranged 11 seminars to promote testing and certification services to buyers and manufacturers attending the local trade fairs. During the year, HKTDC has also assisted the Council by displaying promotional materials at 24 trade fairs outside Hong Kong.

6.4 In 2017-18, the Council has continued with the Local Exhibition Programme (LEP) as well as the Mainland and Overseas Exhibition Programme (MOEP) by inviting testing and certification bodies to join our booths at selected trade fairs to promote our services. The exhibition entry fee, booth design and set-up costs were all borne by the Council. For LEP, there were respectively four and five testing and certification bodies joining us at the Hong Kong Fashion Week for Spring/Summer and the Hong Kong Food Expo. As for the MOEP, two testing and certification bodies joined our booth at the China Hi-tech Fair 2017 while four participated in the Spielwarenmesse International Toy Fair 2018. The arrangement has been well received by the local testing and certification bodies, which consider it a good opportunity to market our strengths, make contact with potential clients and enhance Hong Kong testing and certification sector's presence in the international arena.

6.5 In the past year, we have published 21 advertorials in newspapers, covering a wide range of topics such as textile and garment testing, environmental testing and certification, consumer product testing, ISO/IEC 27001 Information Security Management System certification, construction materials product certification, etc. Aiming to extend the coverage of readers of our advertorials, we also piloted the publishing of advertorial in a news mobile app in March 2018.

6.6 As a new initiative, the Council started issuing the HKCTC Newsletter in mid-2017. The Newsletter is to help promote the Council's initiatives and work, so as to encourage participation from the testing and certification sector, and introduce the benefits of testing and certification services to potential users. It also serves as an additional platform to strengthen our communication with stakeholders.

Enhancing the Industry Profile and General Awareness

6.7 In early June 2017, the Council started a new series of weekly column to run every Tuesday in a free local newspaper for 43 weeks to promote knowledge in testing and certification to the public and arouse their interest. In October 2017, the Council participated in the annual InnoCarnival to introduce testing and certification services to students and the general public. Besides, during the year, we have lined up two public talks for the Scientific Lecture Series held at the Science Museum. They introduced to the public how science and technology were applied to testing and certification for ensuring product and service excellence.

6.8 To raise students' awareness of the importance of testing and certification services in our daily life, the Council launched a new summer activity programme for secondary school students in 2017. The programme involved a total of five visits to testing and certification facilities of Government departments/ public organisations. The visits were well attended and received very positive feedback from schools. In addition, the Council has again collaborated with the Hong Kong Association for Science and Mathematics Education to organise the second Digi-Science Video Production Competition with the theme 'Testing Science for Improving the Quality of Life'. In collaboration with the Hong Kong New Generation Cultural Association, the Council sponsored, for the second time, the HKCTC Special Award for the best testing-related entries joining the Hong Kong Youth Science and Technology Innovation Competition 2017-18.

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 2017-18, the expenditure incurred was approximately \$5.8 million (excluding staff emolument⁶).

⁶ All personal emoluments and personnel related expenses of the staff in the Secretariat are met by the ITC from its recurrent operating expenditure.

**Membership List of
Hong Kong Council for Testing and Certification
(1 January 2016 – 31 December 2017)**

Chairman

Professor YU Cheung-hoi, Albert

Members

Ir CHAN Kin-sek, Raymond

Mr CHAN King-wa, Felix

Mr CHAN Wai-fung, Raymond

Dr CHOY Wai-fun, Priscilla

Ir HO Chi-shing

Professor HO Kin-chung

Mr HSU Tsun-fai, Marvin

Mr KO Kwok-on, Andy

Ms NARDI Kar-wai, Agnes

Dr SHUM Wan-lung, Aaron

Mr TONG Shing-jing, John

Professor YAM Wing-wah, Vivian

Mr YEUNG Chi-wah, Harry

Mr YU Kwok-wai, Mickey

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

**Membership List of
Hong Kong Council for Testing and Certification
(1 January 2018 – 31 December 2019)**

Chairman

Professor YU Cheung-hoi, Albert

Members

Ir CHAN Kin-sek, Raymond

Mr CHAN King-wa, Felix

Mr CHAN Wai-fung, Raymond

Ir HO Chi-shing

Professor HO Kin-chung

Mr HSU Tsun-fai, Marvin

Mr KO Kwok-on, Andy

Mr LAM Kar-kin, Kenneth

Ms LAM Yuen-shan, Stephanie

Dr LI Hung-wing

Ms NARDI Kar-wai, Agnes

Ms TANG Mui-fun, Karen

Ms TSE Pui-pui, Pearl

Mr WAI Siu-bong, Basil

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

Membership List of the Panels

- (a) Panel on Promoting Testing and Certification Services in Chinese Medicines Trade (until 31 December 2017)

Convener

Dr LAI Fook-ming, Lawrence

Members

Dr CHOY Wai-fun, Priscilla

Ms CHUAH Ah-poh, Anne

Dr HAN Quan-bin, Simon

Dr HO Chi-ming, Ricky

Mr KO Kwok-on, Andy

Mr LI Ying-sang, Tommy

Professor LIN Zhi-xiu

Dr MOK Kam-wah, Daniel

Mr TSANG Chiu-hing

Professor TSIM Wah-keung, Karl

Dr Albert WONG

Mr WONG Cho-hang, Stanley

Ms WONG Suet-ying, Alice

Secretary-General of Hong Kong Council for Testing and Certification

Representative of Department of Health

Representative of Government Laboratory

Representative of Hospital Authority

Representative of Hong Kong Productivity Council

Representative of Hong Kong Trade Development Council

Representative of Vocational Training Council

- (b) Panel on Promoting Testing and Certification Services in Construction Materials Trade (until 31 December 2017)

Convener

Professor KWAN Kwok-hung, Albert

Members

Mr AU YEUNG Chi-king, Artur

Ir CHAN Kin-sek, Raymond

Mr CHAN King-wa, Felix

Mr CHAN Woon-man, Wilman

Professor CHUNG Kwok-fai

Mr HO Kin-fung, Samson

Mr HUANG Jian-min

Mr LEE Wai-kwok, Michael

Mr LEUNG Hon-chuen, Willie

Professor LEUNG Kin-ying, Christopher

Dr LI Chi-leung, Welkin

Mr LINN Hon-chung, Ambrose

Dr LO Yiu, Tommy

Mr TSIEH Chi-kong, Joseph

Mr WONG Tin-cheung, Conrad

Secretary-General of Hong Kong Council for Testing and Certification

Representative of Development Bureau

Representative of Architectural Services Department

Representative of Buildings Department

Representative of Construction Industry Council

Representative of Housing Department

Representative of Hong Kong Productivity Council

Representative of MTR Corporation

Representative of Vocational Training Council

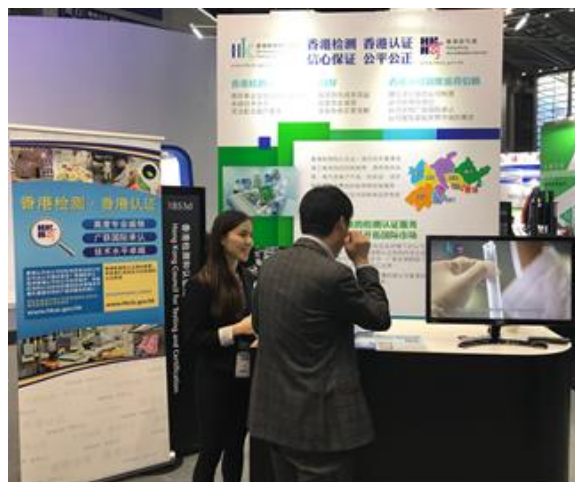
Efforts of Hong Kong Council for Testing and Certification in Promoting Hong Kong's Testing and Certification Sector



InnoCarnival 2017



Trade Fairs in Hong Kong



China Hi-Tech Fair

HKCTC Newsletter
香港檢測和認證局 通訊
 No. 1 第一版
 July 2017
 2017年7月

Chairman's Message 主席的話

I am delighted to see the launch of the first issue of the HKCTC Newsletter. Having our certification (HKCTC) (China & Hong Kong) Ability to Assess in mind, it is vital to ensure the safety and quality of a wide range of products. The industry that produces goods with the specified standards, features or ingredients will naturally stand out and contribute to improved trade. Furthermore, rightly being required that it meets safety and health or other protection system as a consequence of being through the industry, international control for safety in pursuing high quality has to be also applying for various things are introduced to the building or our aviation regulations.

Over the past, HKCTC has been working with the Government, various trade professional associations and Government Department to support the development of the industry. The HKCTC has been providing a certificate system to strengthen our communication with the marketplace. Through this publication, you can avoid any legal action of the HKCTC, and have a clear picture of the latest knowledge of the area related to HKCTC. We will also be looking for opportunities to encourage HKCTC certificate to have particular impact and work together to support further development of the industry.

Please keep reading the HKCTC Newsletter. Your comments and suggestions are most welcome.

Professor Cheung Kwai-chang, JP
 Chairman
 Hong Kong Council for Testing and Certification

我亦欣 (香港檢測和認證局) 第一版出版。
 擁有國際認證 (HKCTC) (中國及香港) 能力評估的標記，確保產品符合安全及品質至關重要。具有指定標準、特點或成分之產品，自然會脫穎而出，為改善貿易作出貢獻。此外，由於符合安全及健康或其他保護系統之要求，因此國際間對安全之追求，在推行高品質之同時，亦應將各項安全之規定，引入建築或航空之規例。

過去幾年，香港檢測和認證局一直與政府、不同行業專業協會及政府部門合作，支持行業發展。我們一直提供證書系統，加強與市場之溝通。透過此刊物，你可以避免任何法律行動，並可清楚了解與 HKCTC 有關之最新知識。我們亦會尋求機會，鼓勵 HKCTC 證書對行業產生特別之影響，並共同支持行業之進一步發展。

請繼續閱讀香港檢測和認證局通訊，歡迎提供意見及建議。

香港檢測和認證局主席
 香港檢測和認證局主席

CEPA Agreement on Economic and Technical Cooperation Opens Up New Opportunities
CEPA 經濟技術合作協議開拓對外合作機遇

On the 10th of September 2016, the CEPA Agreement on Economic and Technical Cooperation was signed in Beijing. The CEPA Agreement on Economic and Technical Cooperation opened up new opportunities for Hong Kong. The CEPA Agreement on Economic and Technical Cooperation is a landmark agreement between Hong Kong and the Mainland of China. It is the first time that Hong Kong and the Mainland of China have signed a comprehensive agreement covering a wide range of areas, including trade, investment, and technical cooperation. The agreement is expected to bring about significant benefits to both Hong Kong and the Mainland of China, and to further strengthen the economic and technical cooperation between them. The agreement is also expected to bring about significant benefits to the people of Hong Kong and the Mainland of China, and to further improve the living standards of the people of both sides.

CEPA (《經濟技術合作協議》) 是於 2016 年 9 月 10 日簽署的。此項協議是香港與中國大陸之間簽署的一項具有里程碑意義的協議。這是香港與中國大陸之間簽署的第一項全面協議，涵蓋了貿易、投資和技術合作等廣泛領域。預計該協議將為香港和中國大陸帶來顯著的利益，並進一步加強兩地之間的經濟和技術合作。該協議也預計將為香港和中國大陸的人民帶來顯著的利益，並進一步提高兩地人民的生活水平。

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Case Story 個案故事 **Testing and Certification Enhance Building Safety and Quality**
善用檢測認證服務 提升樓宇安全質素

Building safety is of paramount importance and quality of construction materials forms a vital part of it. Construction sites in the Hong Kong housing authority projects are in full swing to meet the increasing needs for public housing. In the midst of such heavy demands, HKCTC has been working for use of our testing and certification services to safeguard building safety and ensure quality of construction materials. We are honored to have Mr. Ho Ping, Deputy Director of Housing Development & Construction, to share with us his views on responses in enhancing the strength of testing and certification services.

樓宇安全至為重要，建築材料品質是其中重要部分。香港房屋委員會的屋宇建設工程正全面展開，以應付日益增加的公屋需求。在如此繁重的需求下，香港檢測和認證局一直致力於為建築安全及確保建築材料品質提供測試及認證服務。我們很高興能與房屋發展及建造署副署長何平先生分享他對加強測試及認證服務的看法。

Professor Ho Ping, Deputy Director of Housing Development & Construction
 何平先生 房屋發展及建造署副署長 (住宅組)

HKCTC has been spearheading the adoption of our product certification schemes for construction materials. Mr. Ping shared that since 2010, more & more contractors have been requiring certification to make use of certified construction products, with a view to enhancing building quality on site as well as setting a new trend in requiring product certification for all types of construction materials. Housing plans need for garages, kitchen exhaust fan-cum-hood, hand-dryers for ablution rooms, the admission ticket readers, identify their brand type and size, optimum ventilation (providing positive pressure), PVC drainage pipes and fittings, mass receptor water roller rollers, main reinforcement, LED lighting products and multi-eye safety joints.

「產品認證服務一直引領我們在建築材料方面推行認證計劃。何先生表示，自 2010 年起，越來越多的承建商開始要求認證，以確保建築質量，並為所有類型的建築材料推行產品認證設定新趨勢。建築計劃需要車房、抽油煙機、洗手間乾手器、洗手間門牌識別器、其品牌類型和尺寸、最佳通風（提供正壓）、PVC 排水管和配件、質量接收器水滾輪、主要鋼筋、LED 照明產品和多眼安全接頭。」

Spacious control to promote quality of construction materials
 A product certification scheme requires a set of rules and procedures to support its quality products to comply with a third party certification body, an external rigorous evaluation of the product manufacturer in accordance with strict specifications. It takes months regarding the production process of factory, sampling, testing and so on for testing, and conducting periodic surveillance visits (for certifying that all the specifications have been met and that product samples passing the relevant tests). The certification body will verify that a specific product conforms to the requirements set out in the product certification scheme. Mr. Ping explained, "Product certification enables applicants easily access from the start of the supply chain to make sure that manufacturers of construction products can meet specific requirements at every stage of production, as the certification

「產品認證服務要求一套規則和程序，以支持其質量產品符合第三方認證機構的要求，並根據嚴格的規格對產品製造商進行外部嚴格評估。這需要數月的時間，包括工廠生產過程、抽樣、測試等，並進行定期監督訪問（以確保所有規格均已滿足，且產品樣本通過相關測試）。認證機構將核實特定產品是否符合產品認證方案的要求。」何先生表示，「產品認證服務使申請者從供應鏈的開始就能輕鬆訪問，以確保建築產品製造商在生產的每個階段都能滿足具體要求，因為認證