

**Report of the Hong Kong Council  
for Testing and Certification 2010-2011**

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## **Foreword**

The Hong Kong Council for Testing and Certification (the Council) was established in September 2009 to advise the Government on the overall development strategy and initiatives for promoting the growth of the industry.

2. In March 2010, the Council formulated a three-year market-oriented industry development plan, recommending the adoption of a dual approach – making improvements on the general front whilst putting focused effort on specific trades with particular potentials. This report provides a summary of the major measures taken during the period from April 2010 to March 2011 in implementing the industry development plan.

3. The Council has set up a panel to provide a co-operation platform for stakeholders to develop and promote new testing and certification services in each of four selected trades, namely Chinese medicine, food, construction materials and jewellery. In the coming year, the Council plans to explore new business opportunities for testing and certification services in two emerging trades, i.e. the information and communications technologies trade and the environmental protection trade.

4. On exploring the Mainland market, starting from 2011, qualified Hong Kong testing laboratories can test four types of Hong Kong processed products for the China Compulsory Certification (CCC) System on a pilot basis, including toys, circuit installations, information technology equipment and lighting apparatus. This provides Hong Kong's testing and certification industry with more opportunities and promotes trade between Hong Kong and the Mainland.

5. On exploring the overseas market, the Council will step up the promotion of the branding "Tested in Hong Kong, Certified in Hong Kong" through cooperation with the Hong Kong Trade Development Council, e.g. participation in major trade fairs, placing advertisements in trade publications.

6. On behalf of the Council, I would like to express our gratitude to the concerned Government departments, public organisations, the testing and certification industry, as well as the Conveners and members of the Panels of the four selected trades for their support and assistance.



Prof CHING Pak-chung  
Chairman  
Hong Kong Council for Testing and  
Certification  
9 August 2011

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# **REPORT OF THE HONG KONG COUNCIL FOR TESTING AND CERTIFICATION 2010-2011**

## **HONG KONG COUNCIL FOR TESTING AND CERTIFICATION**

In October 2008, the Chief Executive established the Task Force on Economic Challenges (TFEC) to monitor and assess the impact of the financial tsunami on local and global markets. TFEC has identified six economic areas where Hong Kong enjoys clear advantages and has good potential for further development. The testing and certification industry is one of them.

2. In September 2009, Government established the Hong Kong Council for Testing and Certification (HKCTC) to advise on the overall development strategy and initiatives for promoting the growth of the testing and certification industry. The terms of reference of HKCTC are at *Annex 1*.

Annex 1

3. HKCTC is chaired by Professor Ching Pak-chung, Pro-Vice-Chancellor of the Chinese University of Hong Kong. Members of HKCTC come from the testing and certification industry, business sector, relevant professional bodies, public organisations as well as Government departments. The membership list is at *Annex 2*. The Council is serviced by the Innovation and Technology Commission (ITC).

Annex 2

## **THREE-YEAR MARKET-ORIENTED INDUSTRY DEVELOPMENT PLAN**

4. In March 2010, HKCTC submitted a Report on the three-year market-oriented development plan for the testing and certification industry to the Chief Executive. In the Report, HKCTC recommended the adoption of a dual approach – making improvements on the general front whilst putting focused effort on specific trades with particular potentials. All the recommendations were accepted by the Government.

5. This report provides a summary of the work of HKCTC, relevant Government departments and public organizations in implementing the industry development plan from April 2010 to March 2011.

## **IMPROVEMENTS ON THE GENERAL FRONT**

6. Improvements on the general front include two major aspects: accreditation service and factors of production for the testing and certification industry.

### **Accreditation Service**

7. One of Hong Kong's strengths in developing its testing and certification industry is the robust accreditation services provided by ITC's Hong Kong Accreditation Service (HKAS). HKAS's accreditation services are of high standard and have good reputation internationally.

8. HKAS has been working closely with stakeholders to deliver more and better accreditation services in response to the industry's needs. The total number of accredited organisations<sup>1</sup> increased from 204 in April 2010 to 216 (+5.9%) in April 2011. The majority of the new accredited organisations are testing laboratories.

9. HKAS has enhanced its services through recruiting new staff and external assessors, strengthening internal management systems and refining accreditation criteria. It has also launched new accreditation services in different areas, for example:

- (a) identification of Chinese herbal medicines by microscopic examination and physicochemical methods;
- (b) certification of food safety management system to ISO 22000 standard;
- (c) testing of selected products for the China Compulsory Certification (CCC) system; and
- (d) radiation measurement for food and other products.

10. In the coming year, HKAS will explore the launch of new accreditation services, such as:

- (a) authentication of food by species identification using DNA sequences analysis;

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<sup>1</sup> accredited organisations – refers to testing laboratories, inspection bodies and certification bodies accredited by HKAS

- (b) testing for the US Energy Star product certification program;
- (c) certification of occupational health and safety management system to OHSAS 18001 standard; and
- (d) new types of pharmaceutical product testing.

HKAS will continue to monitor closely local and overseas development to see if other new types of accreditation are needed.

### **Factors of Production**

11. HKCTC has recommended that Government enhance the competitiveness of the industry through the following four factors of production:

- (a) manpower;
- (b) technology;
- (c) capital; and
- (d) land.

#### (a) Manpower

12. The two main target groups of HKCTC's efforts in the manpower aspect are students and practitioners in the industry.

13. For students, to increase their awareness and understanding of the industry so as to assist the industry to attract talents:

- (i) HKCTC had coordinated industry representatives to give eight career talks in six universities (programme and photo of a career talk are at *Annex 3*). The Vocational Training Council (VTC) is also organising seven career talks in the second semester of 2010/2011 Academic Year for graduating students from full time applied science and engineering courses; and
- (ii) HKCTC wrote to all accredited organisations in January 2011 to invite offers for internship for summer 2011. Around 90 places have been offered so far and they have been sent to universities and VTC for follow up. The number does not reflect all the summer internship opportunities in the industry as some companies already

have long-established internship arrangements with universities and VTC. Separately, VTC has organised internship program for about 90 students to accredited laboratories from April 2010 to March 2011. It is now organizing internship for its students from May 2011 to August 2011. Altogether VTC will help about 200 students to gain hands-on experience in the industry.

14. For practitioners in the industry, to enhance their skills and professionalism:

- (i) HKCTC, HKAS, VTC and Government Laboratory have organised more than 60 technical seminars/workshops/short courses since April 2010 (*Annex 4* shows some photos of technical seminars). Local and overseas experts were invited to share latest technical knowledge on a wide range of topics including testing in specific field (e.g. food, electrical products, toys and radiation), accreditation requirements, measurement uncertainty, chemistry metrology, product certification, etc;
- (ii) the Independent Commission Against Corruption (ICAC) has been invited to speak in several seminars on professional ethics and corruption prevention, as high integrity of practitioners is one of the competitive edges of Hong Kong in developing the testing and certification industry; and
- (iii) Government provided funding in October 2010 through the SME Development Fund to a trade association for the development of a voluntary professional recognition scheme for the industry. The scheme will be launched in around a year's time. The scheme will further help to promote professionalism for practitioners in the industry.

(b) Technology

15. To encourage wider use of the Innovation and Technology Fund (ITF) to enhance the technical capability of the industry, ITC has taken the following initiatives:

- (i) introduced ITF at three seminars for the industry;

- (ii) introduced ITF through HKAS's newsletter which was distributed to all accredited organisations; and
- (iii) featured testing and certification prominently in the new ITF application form when ITC made improvements to the ITF mechanism earlier this year.

16. New international standards may be introduced from time to time. These new standards will be discussed at the relevant technical committees of the standards setting bodies first. To promote knowledge of international standards and to assist the testing and certification industry to keep abreast of the latest development in international standards, ITC invited various stakeholders (including accredited organisations, tertiary education institutes, trade associations, etc.) to take part in the technical committees of the International Organisation for Standardisation (ISO) in 2010.

17. Apart from technical seminars/workshops/courses mentioned in para.14 above, further technical supports have been provided by the Government Laboratory in the following two areas:

- (i) proficiency testing – Government Laboratory organised four proficiency testing programmes since April 2010 and another three are under preparation; and
- (ii) reference materials – Government Laboratory obtained accreditation for being a reference material producer in December 2010. It commissioned the production of three reference materials that are not available elsewhere and are in demand by the local testing industry – reference materials for trace elements in herbs, pesticides in tea and melamine in milk.

### (c) Capital

18. In its March 2010 Report, HKCTC acknowledged that the testing and certification industry generally did not have much difficulty in financing their capital investment. Nevertheless, HKCTC has recommended that Government should step up promotion of the Small Enterprise Research Assistance Programme (SERAP) and shared facilities provided by Hong Kong Productivity Council (HKPC) and the Science Park. SERAP is a technology

entrepreneur programme under ITF. Efforts had been stepped up to promote SERAP as detailed in para.15 above.

19. HKPC and the Science Park have been promoting their facilities to the industry through seminars/workshops and promotional articles in HKAS newsletters. HKCTC has also helped HKPC and the Science Park in the promotion, e.g. HKCTC organised a seminar cum facilities tour to HKPC in October 2010 with over 150 participants.

(d) Land

20. While the stock in industrial and commercial premises in Hong Kong should generally be able to cope with the demand of the testing and certification industry, HKCTC will continue to closely monitor the situation. During the Stage One Public Engagement of the Planning and Engineering Study on Development of Lok Ma Chau Loop, HKCTC received a briefing by the Planning Department and reflected the views of the industry to the Planning Department. In brief, HKCTC members considered that it was too early to forecast the demand for land from the industry at the Lok Ma Chau Loop at this point in time but suggested that testing and certification should be one of the permitted land uses.

**FOCUSED EFFORT ON SPECIFIC TRADES**

21. HKCTC has identified good opportunities to promote the use of testing and certification services in the following four selected trades:

- (a) Chinese medicines;
- (b) construction materials;
- (c) food; and
- (d) jewellery.

22. HKCTC has set up a panel for each of the four selected trades, comprising members from the relevant trade, the testing and certification industry, academia, relevant Government departments and public bodies (membership lists are at *Annex 5-8*). These panels provide platforms for stakeholders to develop and promote new testing and certification services in the selected trades.

(a) Chinese medicines

23. HKCTC's Panel on Promoting Testing and Certification Services in Chinese Medicines Trade (the CM Panel) agreed that there would be potential demand for authentication of Chinese medicines. Testing laboratories may authenticate Chinese herbal medicines by microscopic examination and physicochemical methods in accordance with the Hong Kong Chinese Materia Medica Standards (HKCMMS). At present, HKCMMS covers 60 types of Chinese herbal medicines and will expand to cover about 200 by 2012.

24. As HKAS has launched accreditation service for identification of Chinese herbal medicines by microscopic examination and physicochemical methods (para.9(a) refers), it is necessary to facilitate testing laboratories to obtain accreditation. The CM Panel has decided to take the following initiatives:

- (i) coordinate inter-laboratory comparison studies for both microscopic examination and physicochemical methods. Such studies are essential for testing laboratories to demonstrate its technical capability when applying for accreditation from HKAS; and
- (ii) liaise with local universities on the feasibility of arranging short courses for practitioners working in testing laboratories to equip them with the necessary technical skills, in particular for microscopic examination for which the know-how is not common in the local testing industry presently.

25. The CM Panel will explore other initiatives that, apart from bringing new opportunities to the testing and certification industry, will benefit the Chinese medicines trade and the consumers at larger, such as some forms of product certification scheme. This is complex and the CM Panel has formed an expert group to conduct a more in-depth study.

(b) Construction materials

26. The major work focus of HKCTC's Panel on Promoting Testing and Certification Services in Construction Materials Trade (the Construction Panel) is on product certification services for construction materials. Product certification for concrete has been introduced for many years to provide for

better quality assurance. It is now a standard requirement for Government construction projects because concrete quality relates directly to the safety and durability of buildings and infrastructure.

27. In recent years, certification bodies have introduced product certification services for new types of construction materials. The Housing Authority is now taking the lead in requiring product certification for fire rated doors and panel wall partitions, cement products, ceramic tiles, tile adhesive, repair mortar and aluminum window by phases with a view to upgrading the quality of its buildings and setting an example for the local construction industry. To build on the initiative of the Housing Authority, the Construction Panel has set up a Task Force to work with concerned Government departments and the construction industry to promote wider use of product certification of construction materials in both public and private construction projects.

28. Apart from product certification for the construction materials mentioned above, the Construction Panel is also identifying the needs and priorities for the development of product certification services for new types of construction materials.

### (c) Food

29. HKCTC's Panel on Promoting Testing and Certification Services in Food Trade (the Food Panel) has initially identified potential needs for new testing and certification services in two areas:

- (i) certification services for food safety management system – HKAS has introduced accreditation service for certification bodies certifying food safety management system to ISO 22000 standard. This will attract more service providers for ISO 22000 certification and enhance competition. Separately, the Food Panel is now exploring the feasibility of introducing an HACCP<sup>2</sup>-based food safety management certification service that will take into account the local situation and would be more easily adopted by small and medium enterprises; and
- (ii) authentication of high-valued food – currently authentication of high-valued food is primarily based on examination by experienced

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<sup>2</sup> HACCP – the Hazard Analysis Critical Control Point System

persons. There is a growing demand for more objective and scientifically-based tests to increase the confidence in authentication. Advanced analytical methodologies that may be used include DNA sequences analysis, chemical finger-printing, etc. As most of these authentication methods are either not yet available or have not been fully validated for high-valued food, there is a lot of room for further R&D in this area. Recently, a university successfully applied for ITF funding to develop testing methods for authentication of selected high-valued food, e.g. abalone, dried scallop.

30. Apart from the above, the Food Panel will study and provide suggestions to HKAS on whether it should accord priority to develop accreditation service for certification bodies providing organic food certification services.

#### (d) Jewellery

31. There are three types of Fei Cui, namely jadeite jade, kosmochlor and omphacite. The local jewellery trade developed standard testing methods for jadeite jade in 2004. The availability of standard testing methods has resulted in improvements to the business of jadeite jade. HKCTC's Panel on Promoting Testing and Certification Services in Jewellery Trade (the Jewellery Panel) has identified a demand for the development of standard testing methods for kosmochlor and omphacite, the other two types of Fei Cui. HKCTC has sponsored a reputable professional association in the jewellery trade to develop a consolidated set of standard testing methods and arrangement of technical workshops for practitioners. The project is targeted for completion in late 2012. This initiative is strongly supported by the Customs and Excise Department.

32. Apart from Fei Cui, the Jewellery Panel will look into whether there is strong potential demand for development of new testing services (e.g. testing of pearls) in Hong Kong.

33. The Jewellery Panel has formulated a plan to step up the promotion of Hong Kong's existing accredited testing services for jadeite jade and diamond, including :

- (i) production of pamphlets for distribution to retail shops through trade

associations and at entry points in Hong Kong for visitors; and

- (ii) production of stickers for distribution to retail shops through trade associations. The stickers are for retail shops to indicate that they could arrange for the issue of testing reports from accredited laboratories.

The Jewellery Panel is now working on the designs of pamphlets and stickers and plans to launch the initiative in a few months' time.

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

### **Overseas Market**

34. Through its active participation in international organizations for accreditation, HKAS has so far concluded multilateral mutual recognition arrangements (MMRAs) with over 75 accreditation bodies in about 60 economies. It is now seeking extension of its MMRAs to cover environmental management system certification and product certification.

### **Mainland Market**

35. Under the Supplement VII to the Mainland and Hong Kong Closer Economic Partnership Arrangement (CEPA) signed in May 2010, testing laboratories in Hong Kong are allowed for the first time to co-operate with designated Mainland organisations in testing products for the China Compulsory Certification (CCC) System on a pilot basis, for selected products processed in Hong Kong. These testing laboratories have to be accredited by the HKAS as capable of performing tests for the relevant products.

36. Implementation details of the CEPA measures were announced in January 2011 and have been uploaded to the websites of HKCTC and HKAS. Four types of products processed in Hong Kong are included in the pilot:

- (a) toy;
- (b) switches, protective devices and connection devices for electrical installations;

- (c) information technology equipment; and
- (d) lighting apparatus.

37. Since Hong Kong is not a nation, it cannot join international multilateral systems on mutual recognition of testing and certification that are open to national member bodies. With Supplement VII to CEPA, Hong Kong's testing laboratories can apply to the Certification and Accreditation Administration of the People's Republic of China (CNCA) to join multilateral systems on mutual recognition in which CNCA is a national member body.

38. HKCTC co-organised with HKAS and the Trade and Industry Department a seminar on "Business Opportunities for Testing and Certification in the Mainland of China" on 28 February 2011. Mainland officials were invited to brief the industry on the implementation details of CEPA measures. The seminar was well received with about 220 participants.

39. The new measures under CEPA are a good start and have responded to the demand of the industry. They will provide Hong Kong's testing laboratories with more opportunities to provide testing services in the Mainland, thus promoting trade between the two places.

## **PROMOTION**

### **Promotion of Hong Kong's Testing and Certification Services**

40. HKCTC, HKAS and the Hong Kong Trade Development Council (HKTDC) have formulated an extensive programme to promote the branding of "Tested in Hong Kong, Certified in Hong Kong" to potential service users both locally and outside Hong Kong through HKTDC's platforms.

41. With the assistance of HKTDC, HKCTC and HKAS set up promotional booths in local trade fairs and promotional panels in the Hong Kong Pavilion organised by HKTDC in trade fairs outside Hong Kong. Trade Fairs participated in the period from April 2010 to March 2011 included :

- (a) Hong Kong International Building and Decoration Materials & Hardware Fair;
- (b) China Hi-Tech Fair (Shenzhen);

- (c) World SME Expo (Hong Kong);
- (d) International Consumer Electronics Show (Las Vegas);
- (e) Hong Kong Toys & Games Fair;
- (f) Hong Kong Fashion Week for Fall/Winter;
- (g) Spielwarenmesse International Toy Fair (Nurnberg); and
- (h) Hong Kong International Jewellery Show.

Annex 9 Photos showing a promotional booth at a trade fair are at *Annex 9*.  
Annex 10 Advertisements (sample at *Annex 10*) to promote Hong Kong's testing and certification services are placed in catalogues of local trade fairs. Moreover, HKCTC is now producing a promotional video for use at trade fairs.

42. HKTDC has also organised seminars to promote Hong Kong's testing and certification services at selected trade fairs. Where appropriate, meetings with overseas journalists have also been arranged with representatives from HKCTC and/or HKAS during trade fairs. HKTDC also invites industry players to participate and promote their services at HKTDC's outbound missions.

### **Raising the Profile and Public Awareness of the Industry**

Annex 11 43. To raise the profile and public awareness of the testing and certification industry, HKCTC set up a promotional booth (photo at *Annex 11*) at the Inno-Carnival of the Innotech Month 2010 held in Science Park in November 2010. HKCTC also arranged an advertorial series of 36 half-page reports in four Chinese and English newspapers from 21 March 2011 to 1 April 2011 (examples at *Annex 12*).

Annex 12

**Annex 1**

**Terms of Reference of  
Hong Kong Council for Testing and Certification**

To advise the Chief Executive on -

- (a) a three-year development plan for the industry;
- (b) the long-term operational model of the Hong Kong Council for Testing and Certification (HKCTC), including its status, functions and staffing plan; and
- (c) exploring new opportunities for the industry to develop and to enhance its professional standards.

**Annex 2**

**Membership List of Hong Kong Council for Testing and Certification**

**Chairman**

Professor CHING Pak-chung, BBS

**Members**

**(i) Testing and Certification Industry**

Mr FUNG Lap-chung, Richard	Hong Kong Standards and Testing Centre
Mr LAM Chun-hong, Dominic	CMA Testing and Certification Laboratories
Dr LAM Po-hing, Michael	Hong Kong Quality Assurance Agency
Ms LAW Sau-mui, Christina	Intertek Testing Services Hong Kong Ltd
Mr LEE Wai-kwok	Association of Construction Materials Testing Laboratories
Ms LEUNG Yang Shih-ti, Marianne	Hong Kong Association of Medical Laboratories
Mr YEUNG King-chung, Spencer	SGS Hong Kong Ltd

**(ii) Business Sector**

Mr LAU Man-wai, Joseph, BBS, JP	ACE Pharmaceuticals (HK) Ltd
Ms Evelyn LU	Afasia Group Limited
Mr TING Wai-cheung, Bernie	

**(iii) Professional Bodies**

Professor KWAN Hoi-shan	Accreditation Advisory Board
Ir Dr LO Wai-kwok, BBS, MH, JP	Hong Kong Institution of Engineers

**(iv) Government Departments and Public Organisations**

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  
Director-General of Trade and Industry or representative  
Commissioner for Innovation and Technology or representative

**Programme and Photo of a Career Talk**

***Career Talk Series 2011***



**Career Day I**

**Date:** 25 March 2011 (Friday)  
**Time:** 2:00 p.m. to 6:30 p.m.  
**Venus:** Y301, Lee Shau Kee Building (Block Y), The Hong Kong Polytechnic University

**[General Session]**

2:00p.m. **Career Talk: Why internship would help your employability?**  
Mr. Almon Kwan - *FDMT Consultant*

**[Testing and Accreditation]**

2:30p.m. **Hong Kong Association for Testing, Inspection and Certification**  
Mr. Felix Chan - *Vice-chairman*

3:00p.m. **Intertek Testing Services H.K. Ltd.**  
*Speaker to be confirmed*

**[Chemical Technology Related Industry]**

3:30p.m. **Nice Dyeing Factory Limited** (A subsidiary of Texwinca Holdings Limited)  
Ms. Ann Fung – *Human Resources Manager*  
Ms. Kylie Wu – *Human Resources Officer*

4:00p.m. **Alumni Sharing**  
Mr. Benny Lam – *Graduate of B.Sc.(Hons.) in Chemical Technology*  
Mr. Ling Hon-lun – *Graduate of B.Sc.(Hons.) in Chemical Technology*

**[TCM and Medicine]**

5:00p.m. **Ling Nam Medicine Factory (HK) Limited**  
Dr. Timothy TAM – *Manager*

**Enquiry : 3400-8802 (Ms. Penny Ho)**

 THE HONG KONG  
POLYTECHNIC UNIVERSITY  
香港理工大學

Department of  
**Applied Biology and  
Chemical Technology**



**Photos of Technical Seminars**



**Annex 5**

**Membership List of Panel on Promoting  
Testing and Certification Services in Chinese Medicines Trade**

**Convener**

Dr. Lai Fook-ming, Lawrence, BBS, JP

**Members**

**(i) Chinese Medicine Trade**

Mr. Li Ying-sang, Tommy, BBS, MH, JP	Hong Kong Chinese Medicine Industry Association
Mr. Tsang Chiu-hing	Chinese Medicine Merchants Association
Dr. Albert Wong	Modernized Chinese Medicine Industry Association
Mr. Wong Cho-hang, Stanley	Hong Kong Chinese Prepared Medicine Traders Association
Ms. Alice Wong	Eu Yan Sang (Hong Kong) Limited

**(ii) Academics**

Prof. Chau Foo-tim	Hong Kong Polytechnic University
Prof. C T Che	Chinese University of Hong Kong
Prof. Karl W K Tsim	Hong Kong University of Science and Technology
Prof. Zhao Zhong-zhen	Hong Kong Baptist University

**(iii) Testing and Certification Industry**

Mr. Tony Chan	SGS Hong Kong
Ms. Anne Chuah	Hong Kong Standards and Testing Centre

**(iv) Government Departments and Public Organisations**

Mr. Dominic Lam	Hong Kong Council for Testing and Certification
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**Annex 6**

**Membership List of Panel on Promoting  
Testing and Certification Services in Construction Materials Trade**

**Convener**

Mr. Lee Shing-see, GBS, OBE, JP

**Members**

(i) Construction Materials Trade

Mr. Samson Ho	Hong Kong Fire Protection Association
Mr. Martin Tam	Group 2 (Building Materials) of Federation of Hong Kong Industries; Industrial Committee (Building Construction) of the Chinese Manufacturers' Association of Hong Kong (CMA)
Mr. Joseph Tsieh	Hong Kong Marble and Granite Merchants Association
Mr. Edward Pong, BBS, JP	Shiu Wing Steel Ltd

(ii) Professionals/Contractors/Users

Mr. Conrad Wong, JP	Hong Kong Construction Association
Mr. Artur Au Yeung	Wong & Ouyang (HK) Ltd
Mr. Vincent Cheung	Maeda Corporation
Mr. Joseph Chow, OBE, JP	Joseph Chow and Partners Ltd
Mr. Chow Ying-shun	Ex-Project Manager, Highways Department
Mr. Albert Lai	MTR Corporation Ltd
Mr. Derrick Pang	Chun Wo Construction & Engineering Company Ltd

(iii) Academics

Prof. Albert Kwan	University of Hong Kong
Dr. Tommy Lo	City University of Hong Kong
Prof. Poon Chi-sun	Hong Kong Polytechnic University

(iv) Testing and Certification industry

Mr. Felix Chan	Fugro Testing Services Ltd.
Mr. Willie Leung	PROVA Inspection & Testing Co. (HK) Ltd.
Mr. Coleman Tse	Hong Kong Quality Assurance Agency

(v) Government Departments and Public Organisations

Mr. Michael Lee	Hong Kong Council for Testing and Certification
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Secretary-General, Hong Kong Council for Testing and Certification  
Representative of Development Bureau  
Representative of Architectural Services Department  
Representative of Buildings Department  
Representative of Housing Department  
Representative of Hong Kong Productivity Council  
Representative of Hong Kong Trade Development Council  
Representative of Vocational Training Council

**Membership List of Panel on Promoting  
Testing and Certification Services in Food Trade**

**Convener**

Mr. Gregory Leung, SBS

**Members**

(i) Food trade

Mr. Wong Ka-wo, Simon, JP	Food Council
Mr. Wong Kit-lung, Simon	The Institution of Dinning Art and LH Group
Mr. Ken Chung	DCH Logistics Co. Ltd.
Dr. Allen Ho	The Dairy Farm Group
Mr. Richard Poon	On Kee Dry Seafood Co. Ltd
Mr. Edmond Wu	Calbee Four Seas Co. Ltd

(ii) Academics

Prof. Ma Ching-yung	University of Hong Kong
Prof. Jonathan Wong, MH	Hong Kong Baptist University
Prof. Wong Wing-tak	Hong Kong Polytechnic University

(iii) Testing and certification industry

Mr. Chapman Chan	CMA Testing and Certification Laboratories
Mr. Andy Ko	China Dragon Inspection & Certification (HK) Ltd.
Dr. Terence Lau	Hai Kang Life Corporation Ltd.

(iv) Government Departments and Public Organisations

Mr. Richard Fung	Hong Kong Council for Testing and Certification (HKCTC)
Prof. Kwan Hoi-shan, JP	HKCTC
Dr. Michael Lam	HKCTC

Mr. Joseph Lau, BBS, JP            HKCTC  
Mr. Spencer Yeung                HKCTC  
Secretary-General, HKCTC  
Representative of Food and Environmental Hygiene Department  
Representative of Government Laboratory  
Representative of Hong Kong Consumer Council  
Representative of Hong Kong Productivity Council  
Representative of Vegetable Marketing Organisation

**Annex 8**

**Membership List of Panel on Promoting  
Testing and Certification Services in Jewellery Trade**

**Convener**

Mr. Alan Wong

**Members**

**(i) Jewellery Trade**

Ms. Catherine Chan	Hong Kong Jewellery & Jade Manufacturers Association
Mr. Leung Sik-wah	Hong Kong Jewellers' & Goldsmiths' Association
Mr. Lawrence Ma	Diamond Federation of Hong Kong, China
Mr. Aaron Shum	Hong Kong Jewelry Manufacturers' Association

**(ii) Academics and Professional Bodies**

Mr. Louis Lo	Gemmological Association of Hong Kong
Ms. Stella Lee	Gemological Institute of America
Prof. Yau Oliver H M	City University of Hong Kong

**(iii) Testing and Certification Industry**

Ms. Joanne Chan	Hong Kong Jade & Stone Laboratory
Mr. Tommy Tsui	China Gems Laboratory
Ms. Esther Yip	NGTC (HK) Ltd

**(iv) Public Organisations**

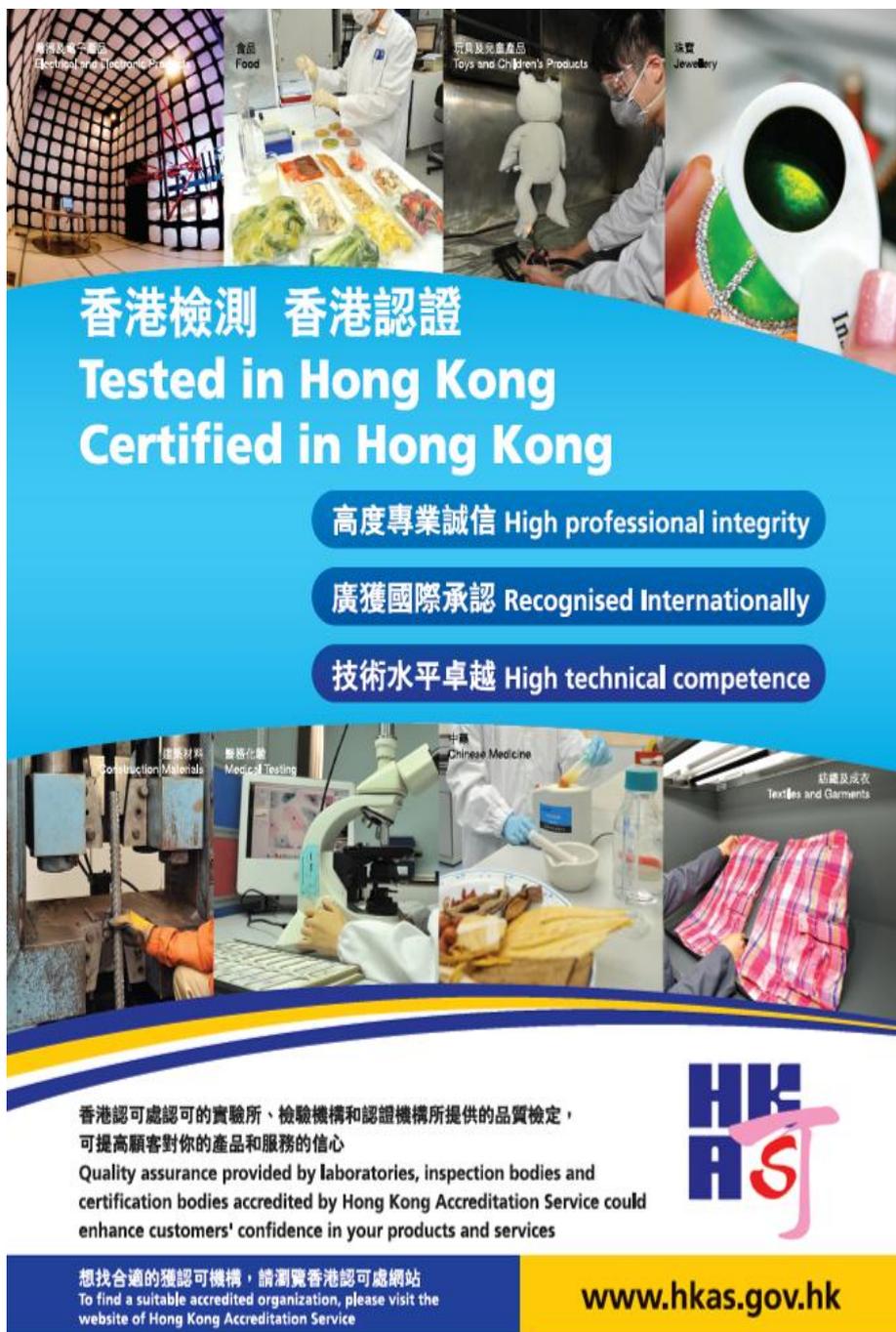
Mr. Raymond Sit	Travel Industry Council of Hong Kong
	Representative of Hong Kong Consumer Council
	Representative of Hong Kong Productivity Council
	Representative of Hong Kong Trade Development Council
	Representative of Vocational Training Council
	Secretary-General, Hong Kong Council for Testing and Certification

**Annex 9**

**Photos of a Promotional Booth at a Trade Fairs**



## An Advertisement



The advertisement is a collage of images showing various testing and certification services. The top row includes: '建築及電子產品' (Structural and Electronic Products) showing a tunnel-like structure; '食品' (Food) showing a person in a white lab coat handling food; '玩具及兒童產品' (Toys and Children's Products) showing a person working with a white teddy bear; and '珠寶' (Jewellery) showing a person using a handheld device to inspect a piece of jewelry. The bottom row includes: '建築材料' (Construction Materials) showing a person working with machinery; '醫療化驗' (Medical Testing) showing a person using a microscope; '中醫藥' (Chinese Medicine) showing a person working with a mortar and pestle; and '紡織及成衣' (Textiles and Garments) showing a person working with fabric.

**香港檢測 香港認證**  
**Tested in Hong Kong**  
**Certified in Hong Kong**

高度專業誠信 High professional integrity

廣獲國際承認 Recognised Internationally

技術水平卓越 High technical competence

香港認可處認可的實驗所、檢驗機構和認證機構所提供的品質檢定，  
可提高顧客對你的產品和服務的信心  
Quality assurance provided by laboratories, inspection bodies and  
certification bodies accredited by Hong Kong Accreditation Service could  
enhance customers' confidence in your products and services

想找合適的獲認可機構，請瀏覽香港認可處網站  
To find a suitable accredited organization, please visit the  
website of Hong Kong Accreditation Service

**HKAS**

[www.hkas.gov.hk](http://www.hkas.gov.hk)

**Photos of the Promotional Booth at Inno-Carnival**



