

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

---

## **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

# CONTENTS

Hong Kong Council for Testing and Certification	1
Three-Year Market-Oriented Industry Development Plan	1
Improvements on the General Front	2
Focused Efforts on Specific Trades	6
Seeking Wider Recognition of Hong Kong's Assessment Results	10
Promotion	11
Annex 1 Terms of Reference of Hong Kong Council for Testing and Certification	13
Annex 2 Membership of Hong Kong Council for Testing and Certification	14
Annex 3 Programme and Photo of a Recent Career Talk	15
Annex 4 Photos of Technical Seminars	16
Annex 5 Membership of Panel on Promoting Testing and Certification Services in Chinese Medicines Trade	17
Annex 6 Membership of Panel on Promoting Testing and Certification Services in Construction Materials Trade	19
Annex 7 Membership of Panel on Promoting Testing and Certification Services in Food Trade	21
Annex 8 Membership of Panel on Promoting Testing and Certification Services in Jewellery Trade	23
Annex 9 Photos of Promotional Booth at Trade Fairs	24
Annex 10 An Advertisement	25
Annex 11 Photos of the Promotional Booth at Inno-Carnival	26
Annex 12 Examples of Advertorials	27

## **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;

---

<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

---

<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

## Annex 3

### 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**



## Annex 4

### 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
-----------------	--



**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
-----------------	--

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



**Annex 7**

**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 Dining 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 features a collage of images showing various testing and inspection activities. The top row includes: 'Electrical and Electronic Products' (a control room with a grid pattern), 'Food' (a person in a white lab coat handling food samples), 'Toys and Children's Products' (a person in a white lab coat and mask working with a white teddy bear), and 'Jewellery' (a close-up of a diamond ring being inspected with a handheld device). The bottom row includes: 'Construction Materials' (a person in a white lab coat working with a large piece of equipment), 'Medical Testing' (a person in a white lab coat using a microscope), 'Chinese Medicine' (a person in a white lab coat and mask working with a mortar and pestle), and 'Textiles and Garments' (a person in a white lab coat working with a piece of fabric). The central text is in Chinese and English, highlighting the benefits of accreditation. The HKAS logo is in the bottom right corner.

**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)



## Annex 11

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



## Examples of Advertorials

### 檢測與認證

## 六大優勢產業之一

# 檢測及認證 締造優質生活

產品的真偽、質素、安全等問題，向來是消費者關心的課題。要令產品或服務符合大眾期望，透過檢測及認證服務能作出最佳保障。

「檢測及認證」是本港六大優勢產業之一，隨著香港檢測及認證局發表行業發展藍圖報告後一年，本報訪問了多名官方及業界代表，分享行業最新動態及與市民生活如何息息相關，由今日起連續兩星期的一至五作焦點報道。

▲建設檢測是行業發展的重點項目之一

### 香港檢測及認證局：打造「香港檢測，香港認證」品牌

檢測及認證局早在六十年代開始，已為玩具、文具及電子產品等出口貨品，提供產品質素及安全的檢測服務。2009年，檢測及認證局獲提升為本港六大優勢產業之一，為此成立的香港檢測及認證局於去年3月發表了一份以市場主導的三年發展藍圖，採取雙管齊下的方式推動行業發展。一方面從整體上提升認可服務以及行業的各項生產因素，另一方面亦將集中藥、建材、食品及珠寶首飾等，協助行業進一步開拓商機。香港檢測及認證局主席程伯中教授期望：「為香港打造檢測及認證品牌。」

而國際間已分別設立專責小組，為持份者提供合作平台，以便開拓新的檢測及認證服務和進行推廣。程伯中期望能增加經濟效益及就業外，更能提升業界聲譽及國際地位。

### 增加服務範圍展優勢

程伯中表示：「香港具備人才、技術資源、良好工作態度、優質服務水平及誠信等優勢，若能進一步對外展示這些優勢，增加本港檢測及認證的服務範圍，相信能為業界製造商機。當中可開展的服務包括：名貴食品與檢測、內地出口建材檢測等。」

陸續有關知名檢測機構遷往香港，有行業協會計劃為業界設立發展架構，提升專業水平；香港檢測及認證局開始在本港各個大型展覽會設置攤位，向海外買家介紹本港檢測服務；加上《CEPA補充協議七》容許香港檢測機構參與內地部分檢測工作。程伯中相信行業在未來將會良好發展。

▲香港檢測及認證局主席程伯中認為行業具有良好發展潛力

### 工商事務：人才有助行業發展

香港一直是進擊家及製造商的一項指標，約有六成檢測工作與貿易有關。立法會工商事務委員會主席黃定光議員指出：「檢測及認證服務對出口貨品幫助非常大，買家對產品品質都有檢測認證需求，即使出口至中等發達國家，產品檢測報告也是必須的。具有檢測和認證的產品如戴維冠，能令顧客安心購買。」

黃定光認為：「要令行業進一步發展，人才至為重要。」根據2009年統計調查資料顯示，香港大約有570間私營機構從事測試、檢驗及認證業務，合共約有12,610名從業員。雖然每年約有9,000名大學生、500名職業訓練局學生適合投身檢測及認證工作，最近公開大學亦有有意開辦相關課程，但如何吸納人才入行，成為行業發展的關鍵因素。

### 促加緊兩地檢測結果互認

檢測及認證業長遠發展，須放眼內地，邁向國際。黃定光希望政府提出更多具體措施，推動行業發展，毋須懼怕被人指為官商勾結，包括降低進入內地的門檻，令中小型實驗室也有機會參與內地的檢測工作，以及盡快促成本港及內地檢測結果的互認。

在內地提供服務方面，黃定光舉例說：「香港生產力促進局近年積極發展內地市場，在最近的一項基金活動上更與廣東省外商投資企業協會達成合作協議，為東莞港商提供檢測及認證服務。」他建議香港可與廣東省從互認檢測結果推行先導計劃，一同推動行業發展。他亦提醒：「本港實驗室若能參與內地的檢測工作，必須恪守誠信及保持國際認證的優勢，以維持競爭力。」

### 「投資研發金回贈計劃」可助檢測及認證業

政府已於2010年4月1日推出「投資研發金回贈計劃」，以鼓勵企業與本地公營科研機構加強合作。在計劃下，政府會為企業進行應用研發項目所作的投資提供10%的現金回贈，適用範圍包括創新及科技基金資助的項目，以及企業與指定本地科研機構進行的研發項目。此計劃可支持檢測機構的研發工作，以發展其技術能力。詳情請瀏覽該局網頁 (<http://irs.ics.gov.hk>) 或致電2737 2435查詢。

### 例子

假設一個港幣100萬元的創新及科技基金的合作項目（即公司與基金各贊助一半開支），公司的實際開支大約是港幣37萬元（假設公司須繳付利得稅）：

項目	金額
公司的研發支出	500,000
政府的利得稅（16.5%）	82,500
總開支（10%）	582,500
現金回贈（10%）	58,250
公司進行一個港幣100萬元的研發項目	375,750
項目實際開支	317,500

\* 視乎公司是否須繳付利得稅

## A11 特刊·河北招商

二〇一一年三月二十八日 星期一 大台訊 Takapoo

### 香港檢測與認證專刊之六

# CEPA 補充協議七 為檢測認證業界打開內地市場

毗鄰內地及作為龐大而發展迅速的中國內地市場的重要門戶，是香港發展檢測和認證業的其中一項優勢。多年來，本地的檢測和認證業為珠三角地區製造的出口消費品，提供了大量的測試和檢驗服務。至於內銷產品方面，去年五月中央與香港特區政府簽署了《內地與香港關於建立更緊密經貿關係的安排》（下稱CEPA）補充協議七，容許本港檢測機構以試行方式參與內地的中國強制性產品認證（CCC）制度。

記者 黃 岡

### 「CEPA補充協議七」獲積極反應

日前，香港檢測及認證局在港舉行了「中國內地檢測和認證的商機」研討會，邀請了中港兩地的官方代表講解CEPA補充協議七關於檢測和認證的開放措施，以及在廣東和深圳開展檢測和認證服務的程序。研討會還安排了多名業界代表分享在內地提供檢測和認證服務的經驗，吸引不少有意拓展內地市場的本港檢測機構參與。台上台下互動熱烈，熱心探討上述講義的有中國國際認證認可監督管理委員會副主任王雲青云，香港認可處執行幹事黃成城、廣東省質量技術監督局認證監督處處長胡曉峰、深圳市市場監督管理局計量處處長李大利，以及上海天祥質量技術服務有限公司。

### 檢測和認證的商機」研討會

(Monday) 2011年2月28日 (星期一)

中國國際認證認可監督管理委員會副主任王雲青（左）和香港認可處執行幹事黃成城（右）在研討會上介紹CEPA補充協議七下，有關香港檢測機構參與CCC認證的工作安排。

### 香港憑藉優勢 商機無限

選擇標準技術服務有限公司副總裁馬曉野在受採訪時表示，檢測認證業是相連內地市場而發展的，隨著內地經濟世界第二大體量，產品不斷更新迭代，市場亦快速發展當中。馬曉野認為，通過檢測認證，可以促進不同企業以至整個社會對社會責任的認知和實踐，從而達成企業環保和社會和諧共融——可持續發展之選。因此該產業前景廣闊。他並認為，香港業界雖然面臨內地企業競爭激烈，競爭對手強勁等挑戰，但本港憑藉良好的誠信、國際視野及人才資源優勢，一定能在這一波經濟浪潮中找到自己的定位，取得更多的商機。

### 「投資研發金回贈計劃」可助檢測和認證業

政府已於2010年4月1日推出「投資研發金回贈計劃」，以鼓勵企業與本地公營科研機構加強合作。在計劃下，政府會為企業進行應用研發項目所作的投資提供10%的現金回贈，適用範圍包括創新及科技基金資助的項目，以及企業與指定本地科研機構進行的研發項目。此計劃可支持檢測機構的研發工作，以發展其技術能力。詳情請瀏覽該局網頁 (<http://irs.ics.gov.hk>) 或致電2737 2435查詢。

### 例子

假設一個港幣100萬元的創新及科技基金的合作項目（即公司與基金各贊助一半開支），公司的實際開支大約是港幣37萬元（假設公司須繳付利得稅）：

項目	金額
公司的研發支出	500,000
政府的利得稅（16.5%）	82,500
總開支（10%）	582,500
現金回贈（10%）	58,250
公司進行一個港幣100萬元的研發項目	375,750
項目實際開支	317,500

\* 視乎公司是否須繳付利得稅