Report of the Hong Kong Council for Testing and Certification 2011-2012

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Foreword

The Hong Kong Council for Testing and Certification (the Council) was established to advise the Government on the overall development strategy and initiatives for promoting the growth of the testing and certification industry, one of the six economic areas where Hong Kong enjoys clear advantages and has good potential for further development.

2. In April 2010, the Government accepted a three-year market-oriented development plan for the industry formulated by the Council. Last year, the Council prepared an annual report summarising implementation progress of the industry development plan in the first year, i.e. from April 2010 to March 2011. This is the second annual report of the Council, which reports on the second year implementation of the development plan.

3. In Year 2011-12, while continuing with the various initiatives introduced last year to improve the factors of production for the industry (such as coordinating technical seminars for practitioners and promoting wider use of the Innovation and Technology Fund to upgrade the technology of the industry), the Council made targeted efforts at developing and promoting new services in four selected trades, namely Chinese medicines, construction materials, food and jewellery.

4. The Council also supported the industry in coping with the surge in local demand for particular testing. In response to the nuclear plant incident in Japan and the concern over addition of phthalates (plasticisers) in food in Taiwan last year, technical seminars and workshops were arranged on radiation detection and measurement as well as testing on phthalates (plasticisers) in food so that practitioners in the industry could be equipped with the latest technology knowledge to provide relevant testing services.

5. Testing demand arising from international trade represents a very significant portion of the business of the industry. The economic uncertainty in the major overseas market brings challenges to the industry. The Council has stepped up promotion of Hong Kong's testing and certification services to potential users by using various platforms of the Hong Kong Trade Development Council. In May 2012, the Council set up two new panels to explore with the industry new business opportunities in environmental protection and information and communications technologies sectors.

6. With regard to access to the Mainland market, starting from April 2012, the types of products processed in Hong Kong that qualified Hong Kong testing laboratories could provide testing under the China Compulsory Certification (CCC) System would be expanded from 4 to 22. This represents another step in the seeking of wider acceptance of Hong Kong's testing and

certification result in the Mainland market. The Council would assist the industry in exploring the business potential.

7. Finally, I would like to express the Council's gratitude to the concerned Government departments, public organisations, practitioners in the testing and certification industry, as well as the Conveners and members of the Council's Panels for their contributions and support in Year 2011-12.

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Prof CHING Pak-chung Chairman Hong Kong Council for Testing and Certification 25 September 2012

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REPORT OF THE HONG KONG COUNCIL FOR TESTING AND CERTIFICATION 2011-2012

HONG KONG COUNCIL FOR TESTING AND CERTIFICATION

Annex 1

Annex 2

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

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

THREE-YEAR MARKET-ORIENTED INDUSTRY DEVELOPMENT PLAN

3. In April 2010, the Government accepted the three-year market-oriented development plan for the testing and certification industry submitted by HKCTC. HKCTC recommended that the Government adopt a dual approach – making improvements on the general front while putting focused efforts on specific trades with particular potential.

4. Last year, HKCTC prepared an annual report on the progress of implementing the industry development plan from April 2010 to March 2011. This report is the second annual report of HKCTC. It includes the 2010 statistics of the industry, which are the latest figures, while 2011 statistics will be available only in early 2013. This report also summarises the work of HKCTC, relevant Government departments and public organisations in implementing the industry development plan from April 2011 to March 2012 (Year 2011-12).

INDUSTRY PROFILE (2010 FIGURES)

Number of Establishments

5. There were about 705 establishments engaging in testing, inspection and certification activities in 2010, of which 610 were private independent establishments:

Category	Number
Private independent establishments engaging in testing,	610
inspection and certification activities as their major economic	
activity	
Manufacturers and exporters engaging 100 persons or more	45
and with in-house laboratories for testing activities	
Laboratories in government departments/public organisations	50
(including those in the hospitals of the Hospital Authority and	
those accredited by Hong Kong Accreditation Service (HKAS)	
in local universities)	

Sizes of Establishments

6. The vast majority (94%) of the private independent establishments were small and medium enterprises (SMEs) engaging fewer than 50 persons. They accounted for 28% of the total persons engaged and 24% of the total business receipts in the industry. Some 40 establishments engaging 50 persons or above accounted for the majority of employment and business receipts – 72% of the persons engaged and 76% of the total business receipts in the industry.

Persons Engaged

7. The number of persons engaged in testing, inspection and certification activities was 15 840 in 2010, of which 12 390 persons were engaged by private independent establishments. About 9 290 (59% of 15 840) were professionals and associate professionals whose main duties were to provide testing, inspection and certification services.

Business Receipts

8. The total business receipts of the private independent establishments in the industry were \$8.9 billion in 2010. The direct economic contribution to Hong Kong's Gross Domestic Product (GDP) was \$5.2 billion. Breakdowns of the business receipts are shown below:

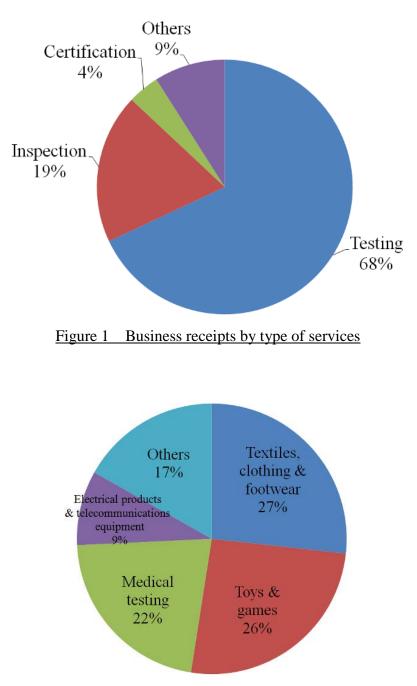


Figure 2 Further breakdowns of business receipts from testing (Note: Percentages add up to more than 100% due to rounding.)

IMPROVEMENTS ON THE GENERAL FRONT

9. Efforts for improvements on the general front cover two major aspects – accreditation service and factors of production for the testing and certification industry.

Accreditation Service

10. The accreditation service provided by ITC's Hong Kong Accreditation Service (HKAS) is the cornerstone for the development of the testing and certification industry. The service provides third-party assurance that accredited testing and certification bodies meet the management and technical requirements of the relevant international standards, hence enhancing users' confidence in Hong Kong's testing and certification services. HKAS has been working closely with HKCTC and other stakeholders to deliver more and better accreditation services in response to the industry's needs. The number of accredited bodies increased from 216 in April 2011 to 222 (+2.8%) in April 2012.

11. To support the testing and certification industry in expanding its service scope, HKAS introduced new accreditation services in Year 2011-12 for the following testing and certification activities:

- (a) authentication of food by species using DNA sequences analysis;
- (b) certification of occupational health and safety management system to OHSAS 18001 standard;
- (c) certification of information security management system to ISO/IEC 27001 standard;
- (d) testing and certification under the US Energy Star Program;
- (e) testing for primary aromatic amines and formaldehyde in food contact materials; and
- (f) testing for phthalate plasticisers in food.

12. HKAS was also developing new accreditation services for certification of energy management system to ISO 50001 standard and greenhouse gas validation and verification according to ISO 14065 standard, for example.

Factors of Production

Manpower

13. The Hong Kong Baptist University and The Open University of Hong Kong have launched degree programmes focusing on testing and certification. The Hong Kong Baptist University will offer a new "Bachelor of Science (Hons) in Analytical and Testing Services" programme for Academic Year 2012-13. The Open University of Hong Kong launched a part-time "Master of Science in Testing and Certification" programme in April 2012, in addition to the existing distance-learning "Bachelor of Science in Product Design, Testing and Certification" programme launched since April 2010. The Open University of Hong Kong is also planning to introduce a full-time bachelor's degree programme on testing and certification in 2013.

14. In the past three years, the Hong Kong Institute of Vocational Education (IVE) of the Vocational Training Council (VTC) has been offering 11 Higher Diploma programmes in Applied Science & Engineering Discipline with testing and certification elements included in the curricula for a total of over 1 700 students. With the "3+3+4" Education Reform, IVE will revamp the testing and certification related programmes into ten new ones in September 2012 (see *Annex 3* for existing and new programmes).

Annex 3

15. Enrolment to IVE's Higher Diploma programmes with testing and certification elements has been encouraging over the years. The relevant enrolment rate has been on the rise and remained over 100 percent, reflecting that these Higher Diploma programmes have been continuously over-subscribed by IVE applicants.

16. HKCTC coordinated efforts to increase students' awareness and understanding of the industry so as to assist the industry in attracting talents:

 (a) HKCTC set up booths in the career fairs of two universities and coordinated industry representatives to give seven career talks at six universities. VTC also organised six career talks for its full-time graduating students in applied science and engineering courses;



Figure 3 Career talk at The Hong Kong Polytechnic University



Figure 4 Career booth at The University of Hong Kong

(b) At the invitation of HKCTC, accredited organisations offered 92 internship places for summer 2011. In view of the positive response last year, HKCTC again wrote to accredited organisations in early 2012 inviting them to offer internship places for summer 2012. Offers received would be sent to universities and VTC for follow-up. Separately, VTC organised internships for about 250 students to enable them to gain hands-on experience in testing laboratories in Year 2011-12.

17. HKCTC also coordinated action to enhance practitioners' skills and promote further development of professionalism:

(a) HKCTC, HKAS, VTC and the Government Laboratory organised about 100 technical seminars/workshops/short courses in Year 2011-12. These included four technical seminars/workshops organised by HKCTC and HKAS to upgrade practitioners' technical knowledge of carrying out radiation detection and measurement so as to meet the surge in local demand following the damage to the Daiichi nuclear power plant in Japan in 2011;



Figure 5 Technical seminar on how product certification helps in risk management organised by HKCTC and HKAS



 Figure 6
 Technical seminar on food certification and

 authentication organised by HKCTC and HKAS

(b) High professional integrity has always been well recognised as one of the major competitive edges of Hong Kong's testing and certification industry. To uphold this edge, the Independent Commission Against Corruption (ICAC) has developed a "Corruption Prevention Guide for Testing and Certification Industry" to provide tailor-made internal control measures for the industry. HKCTC and ICAC jointly launched the Guide at the Ethical Management Seminar for the industry held on 3 November 2011. To complement this initiative, HKAS has required all accredited organisations to develop and implement a code of conduct accordingly; and

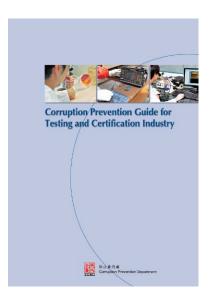


 Figure 7
 Corruption Prevention Guide for Testing and

 Certification Industry developed by ICAC

(c) The Hong Kong Association for Testing, Inspection and Certification received Government funding to develop a voluntary professional recognition scheme for testing personnel in the industry. A lot of very experienced professionals in the industry provided voluntary assistance in the development of the scheme, contributing to the successful launch of the scheme in September 2011.

Capital and Technology

18. ITC has been encouraging wider use of the Innovation and Technology Fund to enhance the technical capability of the industry. In Year 2011-12, the Fund provided \$7.3 million to five projects to support development of new testing technologies and certification services. Examples included the development of a low-cost detector for deteriorated food and a DNA-based method to identify Chinese herbal medicines.

19. Proficiency testing helped testing laboratories to assess their technical capability. In Year 2011-12, the Government Laboratory continued to organise proficiency testing programmes to meet the need of the industry. Four proficiency testing programmes were completed, two were in progress and a new one was under planning. These programmes covered forensic, environmental and food testing.

20. The Hong Kong Productivity Council (HKPC) and the Science Park

provide laboratory facilities and equipment for shared use by the industry. By making use of these facilities, testing laboratories would not need to make huge capital investment even if the business volume for the relevant tests is not high.

21. In August 2011, HKPC set up a new electromagnetic compatibility (EMC) anechoic chamber with funding of \$9.9 million from the Government. The new chamber will enable local testing organisations to test products according to the latest EMC requirements in the overseas market.



Figure 8 EMC anechoic chamber of HKPC

22. HKCTC has been promoting these shared facilities to the industry. Year 2010-11. HKCTC worked with HKPC In to arrange a seminar-cum-laboratory tour to introduce HKPC's shared facilities to the testing and certification industry. As the response was encouraging, in Year 2011-12 HKCTC organised a similar seminar-cum-laboratory tour to the Hong Kong Science Park for the industry to help them get acquainted with advanced facilities various for testing such as materials analysis, wireless communications and semi-conductor lighting.

Land

23. The position remains largely the same as in the last annual report. The stock in industrial and commercial premises in Hong Kong should generally be able to cope with the demand of the industry. HKCTC would continue to closely monitor the situation.

FOCUSED EFFORTS ON SPECIFIC TRADES

24. HKCTC has formed Panels for the following four selected trades which have good potential in using testing and certification services:

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

The Panels comprise members from the relevant trades, testing and certification industry, academia, relevant Government departments and public bodies. These Panels provide cooperation platforms for stakeholders to develop and promote new testing and certification services. Membership lists of the Panels are at *Annexes 4-7*.

Annexes 4-7 of the Panels are at A

Chinese Medicines

25. The Chinese Medicines Panel has been assisting testing laboratories in raising their technical capability in Chinese medicines testing. It coordinated a proficiency testing programme for assay testing so that testing laboratories can assess their technical competence by comparing testing results with those of other laboratories. Ten Chinese herbal medicines were selected to be tested according to the Hong Kong Chinese Materia Medica Standards Thirteen laboratories, including the Shenzhen Institute (香港中藥材標準). for Drug Control (深圳市藥品檢驗所), participated in the programme. The result of the exercise will be available in June 2012. Participation in inter-laboratory comparison is required if testing laboratories want to apply for accreditation on authentication of Chinese medicines from HKAS.

26. The Panel is also organising a part-time course for practitioners of testing laboratories on microscopic identification according to the Hong Kong Chinese Materia Medica Standards. The course will commence in late April 2012 and end in early August 2012.



 Figure 9
 Part-time course on microscopic identification organised by the

 Chinese Medicines Panel for practitioners of testing laboratories

27. With the support of the Panel, HKPC would develop a product certification scheme for Chinese medicines. The scheme would aim to improve the quality of Chinese medicines, enhance the confidence of consumers, and bring new demand for testing and certification services. The development of the scheme will commerce in June 2012 and pilot run has been planned for early 2013.

Construction Materials

28. There has been rapid development in product certification services for construction materials in recent years. Local product certification schemes for 11 types of construction materials have been developed for accredited certification bodies to provide services.

29. The Construction Materials Panel has been making efforts to publicise the merits of product certification to the construction industry and promote the local product certification schemes for construction materials. Briefings and presentations have been given to professional bodies and trade associations such as the Hong Kong Institute of Architects and the Hong Kong Construction Association. A full-day seminar targeted at practitioners in both the construction industry and the testing and certification industry was organised in November 2011. Experts from the Mainland, Australia, Singapore and the United Kingdom were invited to share overseas experience of product certification for construction materials.

30. The work of the Panel has been strongly supported by the Housing Authority. To upgrade the quality of its buildings and set an example for the

local construction industry, the Housing Authority has been taking the lead in requiring product certification for selected construction materials by phases, including fire rated doors, panel wall partitions, cement products, tile adhesive, ceramic tiles, repair mortar, aluminium window and frictional hinge. HKAS has already accredited certification bodies to provide product certification services for the first five types of construction materials and is processing accreditation applications from certification bodies to provide product certification services for repair mortar and aluminium window.

Food

31. The Food Panel has been supporting the development of new testing and certification:

- (a) authentication for selected high-valued food (e.g. abalone, dried scallop and bird's nest) through DNA sequences analysis being developed by The Chinese University of Hong Kong. The project has identified the relevant DNAs that may characterise the authenticity of the selected food products. The next stage will involve DNA sequencing and validation. Upon completion of the project by the end of 2012, a database will be developed. Private testing laboratories with DNA sequencing equipment will be able to provide authentication services for the selected food based on DNA information in the database; and
- (b) a food hygiene management certification scheme for the local catering industry being developed by the Hong Kong Polytechnic University. The scheme would be based on the Hazard Analysis Critical Control Point and give special attention to the needs of SMEs to facilitate their adoption. The project is supported by major trade associations and players in both the catering industry and the testing and certification industry. Upon the development of the certification system, accredited certification bodies will be able to provide certification services for catering establishments based on the system. Trial run of the scheme was planned from late 2012 to early 2013.

Both projects received funding support from the Innovation and Technology Fund.

32. To update practitioners with the latest development in food testing and certification services, the Food Panel organised a seminar on "Perspective in Global Food Safety and Quality Certification" in June 2011 and a Symposium on Food Identification and Authentication in January 2012. Both seminars were well received, each with over 200 participants.

Jewellery

33. With the recommendation of the Jewellery Panel, HKCTC sponsored the Gemmological Association of Hong Kong (GAHK) to develop a consolidated set of standard testing methods for kosmochlor and omphacite. This will supplement the existing standard testing methods for jadeite jade so that a complete set of standard testing methods will be available for all three types of Fei Cui. The initiative is strongly supported by the Customs and GAHK has conducted research into various testing Excise Department. methods adopted by the trade and drafted a standard testing method based on its findings. At the next stage, GAHK would carry out testing using Fei Cui samples to validate and fine-tune the testing methods. A pilot will also be conducted by a laboratory to seek accreditation from HKAS. Experience from the accreditation exercise will be used to finalise the testing methods. The standard testing methods for kosmochlor and omphacite are expected to be available for use by the testing industry and the jewellery trade in late 2012.

34. The Jewellery Panel has stepped up the promotion of Hong Kong's existing accredited testing services for jadeite jade and diamond. The Panel has worked together with the jewellery trade and the testing industry in producing a pamphlet for distribution to retail shops through trade associations. The pamphlet is also made available for visitors at entry points in Hong Kong. Separately, both the Hong Kong Tourism Board and the Hong Kong Consumer Council also provide information on how to locate testing laboratories for gemstones at their websites.



Figure 10 Infrared spectrum examination of jadeite jade

Emerging Trades

35. The environmental protection trade and the information and communications technologies trade are two emerging areas that may have good potential in developing testing and certification services. HKCTC was making preparation to form two new Panels to explore new business opportunities for testing and certification in these two trades in May 2012.

SEEKING WIDER RECOGNITION OF HONG KONG'S ASSESSMENT RESULTS

Overseas Market

36. Through joining mutual recognition arrangements (MRAs) administered by international and regional accreditation cooperation bodies, the accreditation granted by HKAS to testing and certification organisations is recognised by over 80 accreditation bodies in about 65 economies, including Hong Kong's major trading partners. In Year 2011-12, HKAS succeeded in expanding the scope of its MRAs with the Pacific Accreditation Cooperation and the International Accreditation Forum to cover environmental management system certification and product certification.

37. To raise the international profile of HKAS and Hong Kong's testing and certification industry, HKAS will host the Annual Meeting of the Pacific Accreditation Cooperation in June 2012.

The Mainland Market

38. Through the Mainland and Hong Kong Closer Economic Partnership Arrangement (CEPA), starting from January 2011 laboratories accredited by HKAS are allowed to perform testing of four types of products (i.e. toys, circuit installation, information technology equipment and lighting apparatus) processed in Hong Kong for the China Compulsory Certification (CCC) System in cooperation with designated Mainland certification bodies. HKAS has accorded priority to process applications from laboratories seeking accreditation to perform CCC testing. Nine testing laboratories have been accredited and they are in different stages of concluding cooperation agreements with designated certification bodies in the Mainland. 39. The pilot scheme would be extended to all products under CCC system processed in Hong Kong with effect from 1 April 2012. This would offer local testing laboratories more opportunities to undertake testing work for the Mainland market. To assist testing laboratories in understanding more about the arrangements and link them up with the designated certification bodies in the Mainland, HKCTC co-organised a seminar on the new liberalisation under CEPA for the industry in February 2012. Speakers from the Mainland's Certification and Accreditation Administration were invited to explain the relevant procedures. Experts were invited to brief Hong Kong's testing laboratories on technical requirements for CCC testing. A tour to Hong Kong's accredited laboratories was also arranged for Mainland officials and representatives from Mainland's designated certification bodies to facilitate cooperation.

PROMOTION

Promotion of Hong Kong's Testing and Certification Services

40. HKCTC and HKAS continued to promote the branding of "Tested in Hong Kong, Certified in Hong Kong" to potential service users both locally and outside Hong Kong through Hong Kong Trade Development Council's (HKTDC) platforms. In Year 2011-12, HKCTC and HKAS set up promotional booths in 16 local trade fairs and in the SmarkHK fair in Guangzhou organised by HKTDC. HKTDC also assisted HKCTC in distributing promotional materials to visitors in the Hong Kong Pavilion in 18 trade fairs that HKTDC participated outside Hong Kong. The list of trade fairs is at *Annex 8*.

Annex 8

41. Advertisements to promote Hong Kong's testing and certification services were placed in the catalogues of trade fairs and in the lightboxes in the venue of local trade fairs to capitalise on the target participants patronising the trade fairs. Photos showing the promotional booth in trade fairs and an advertisement are at *Annex 9*. Videos were also produced for showing in trade fairs to enhance the promotional effect. Where appropriate, HKTDC also arranged representatives from HKCTC and HKAS to meet with overseas journalists during trade fairs.



Figure 11 Promotional booth in a local trade fair

42. HKCTC also lined up speakers for seminars organised by HKTDC to promote Hong Kong's testing and certification services. For example, HKCTC lined up a speaker from HKAS to attend an outreach seminar organised by HKTDC in Putian, Fujian in the Mainland in September 2011.

Raising the Profile and Public Awareness of the Industry

43. In Year 2011-12, HKCTC continued to set up a promotional booth in the Inno-Carnival of the Innotech Month 2011 held in the Science Park in November 2011 to introduce testing and certification services to students and the general public. An advertorial series of 17 half-page reports was also arranged in selected Chinese and English newspapers from October 2011 to April 2012. Photos of the promotional booth and some examples of advertorials are also at *Annex 9*.

Annex 9

WAY FORWARD

44. In Year 2012-13, HKCTC will continue to work closely with the Government and the industry in overseeing the implementation of the three-year industry development plan proposed by HKCTC in March 2010. HKCTC will also conduct a review on the implementation of the three-year plan. Adjustments to the current approach in promoting the development of the industry will be proposed, after taking into account the implementation experience and views from practitioners in the industry.

Terms of Reference of Hong Kong Council for Testing and Certification

(revised on 17 September 2011)

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.

Membership List of Hong Kong Council for Testing and Certification

Chairman

Professor CHING Pak-chung, BBS

Members

Dr CHOY Wai-fun, Priscilla (from 17 Sep 2011) Mr FUNG Lap-chung, Richard Prof KWAN Hoi-shan, BBS, JP Mr LAM Chun-hong, Dominic Dr LAM Po-hing, Michael Mr LAU Man-wai, Joseph, BBS, JP Ms LAW Sau-mui, Christina Mr LEE Wai-kwok Ms LEUNG Yang Shih-ti, Marianne Ir Dr LO Wai-kwok, BBS, MH, JP Ms Evelyn LU (till 16 Sep 2011) Dr SHUM Wan-lung, Aaron (from 17 Sep 2011) Mrs SUN LIN, Helen (from 17 Sep 2011) Mr TING Wai-cheung, Bernie Prof YAM Wing-wah, Vivian Mr YEUNG King-chung, Spencer 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

Higher Diploma Programmes with Testing and Certification Elements Launched by Hong Kong Institute of Vocational Education of Vocational Training Council

- There were 11 Higher Dilpoma programmes with testing and certification elements as of Academic Year 2011-12, including:
 - 1. Analytical Science and Biotechnology
 - 2. Pharmaceutical Technology
 - 3. Environmental Resources Management
 - 4. Food Science & Safety
 - 5. Applied and Analytical Chemistry
 - 6. Chemical Technology with Management
 - 7. Environmental Protection and Management
 - 8. Environmental Science (Monitoring and Assessment)
 - 9. Health Food Business
 - 10. Applied Science (Testing and Certification)
 - 11. Product Testing
- In view of the "3+3+4" Education Reform, the 11 programmes above will be revamped into the following ten new Higher Diploma programmes to be launched in September 2012:
 - 1. Environmental Science
 - 2. Food and Nutritional Science
 - 3. Analytical Science
 - 4. Biotechnology
 - 5. Chemical Technology
 - 6. Environmental Protection and Management
 - 7. Food Business Operations and Management
 - 8. Pharmaceutical Science
 - 9. Biomedical Science
 - 10. Product Testing

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

Convener

Dr LAI Fook-ming, Lawrence, BBS, JP

Members

Mr CHAN Yiu-tong, Tony			
Prof CHAU Foo-tim			
Prof CHE Chun-tao (till 16 Sep 2011)			
Dr CHOY Wai-fun, Priscilla (from 15 Oct 2011)			
Ms CHUAH Ah-poh, Anne			
Mr LAM Chun-hong, Dominic			
Mr LAU Man-wai, Joseph, BBS, JP			
Mr LI Ying-sang, Tommy, BBS, MH, JP			
Prof LIN Zhi-xiu (from 15 Nov 2011)			
Mr TSANG Chiu-hing			
Prof TSIM Wah-keung, Karl			
Dr Albert WONG			
Mr WONG Cho-hang, Stanley			
Ms WONG Suet-ying, Alice			
Prof ZHAO Zhong-zhen			
Secretary-General, 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 (till 16 Sep 2011)			
Representative of Vocational Training Council			

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

Convener

Mr LEE Shing-see, GBS, OBE, JP

Members

Mr AU YEUNG Chi-king, Artur Mr CHAN King-wa, Felix Mr CHEUNG Hau-hong, Vincent Mr CHOW Ming-kuen, Joseph, OBE, JP (till 16 Sep 2011) Mr CHOW Ying-shun Prof CHUNG Kwok Fai (from 24 Nov 2011) Mr HO Kin-fung, Samson Prof KWAN Kwok-hung, Albert Mr LAI Shu-ming, Albert Mr LEE Wai-kwok, Michael Mr LEUNG Hon-chuen, Willie Dr LO Yiu, Tommy Mr PANG Yat-bond, Derrick (till 16 Sep 2011) Mr PONG Chong, Edward, BBS, JP Prof POON Chi-sun (till 16 Sept 2011) Mr TAM Tin-fong, Martin Mr TSE Kin-hung, Coleman Mr TSIEH Chi-kong, Joseph Mr WONG Tin-cheung, Conrad, JP 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 MTR Corporation Ltd 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 LEUNG Wing-lup, Gregory, SBS

Members

Mr CHAN Chor-man, Chapman Dr CHOY Wai-fun, Priscilla (from 15 Oct 2011) Mr CHUNG Hung-hing, Ken Mr FUNG Lap-chung, Richard (till 16 Sep 2011) Dr HO Chiu-woo, Allen Mr KO Kwok-on, Andy Prof KWAN Hoi-shan, BBS, JP Dr LAM Po-hing, Michael (till 16 Sep 2011) Dr LAU Lok-ting, Terence Mr LAU Man-wai, Joseph, BBS, JP Prof MA Ching-yung Mr Bryan PENG (from 17 Nov 2012) Mr POON Kuen-fai, Richard Mr WONG Ka-wo, Simon, JP Mr WONG Kit-lung, Simon Prof WONG Wing-tak Prof WONG Woon-chung, Jonathan, MH Mr WU Tze-chiu, Edmond Mr YEUNG King-chung, Spencer Secretary-General, Hong Kong Council for Testing and Certification 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 Hong Kong Trade Development Council (from 15 Oct 2011) Representative of Vegetable Marketing Organisation

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

Convener

Mr WONG Kam-fai, Alan

Members

Ms CHAN Sin-hung, Catherine Ms CHAN Wai-ching, Joanne Mr Haywood CHEUNG (from 5 Jan 2012) Mr LAU Hak-bun, Dennis (from 9 Dec 2011) Ms LEE Carlon, Stella Mr LEUNG Sik-wah, SBS, JP (till 16 Sep 2011) Mr LO Yick-sun, Louis Mr MA Yung-yi, Lawrence Dr SHUM Wan-lung, Aaron Mr TSUI Kin-wah, Tommy Prof YAU Hon-ming, Oliver Ms YIP Oy-ling, Esther Secretary-General, Hong Kong Council for Testing and Certification Representative of Hong Kong Consumer Council Representative of Hong Kong Productivity Council Representative of Hong Kong Trade Development Council Representative of Travel Industry Council of Hong Kong Representative of Vocational Training Council

List of Trade Fairs

HKCTC set up promotional booths in the following trade fairs organised by HKTDC in Hong Kong and Guangzhou:

Apr 2011	Hong Kong Electronic Fair (Spring Ed)
	 Hong Kong International Lighting Fair (Spring Ed)
	Hong Kong Houseware Fair
	 Hong Kong International Home Textiles Fair
May 2011	SmartHK - Guangzhou, China
Jul 2011	• HK Summer Sourcing Show for Gifts, Houseware & Toys
	 Hong Kong Fashion Week for Spring/Summer
Aug 2011	• Food Expo
	• International Conference & Exhibition of Modernization of
	Chinese Medicine & Health Products (ICMCM)
Oct 2011	Hong Kong Electronics Fair (Autumn Ed)
	Hong Kong International Lighting Fair (Autumn Ed)
	ECO Expo Asia
	 Hong Kong International Building and Decoration
	Materials and Hardware Fair
Dec 2011	World SME EXPO
Jan 2012	 Hong Kong Toys & Games Fair
	 Hong Kong Fashion Week for Fall/Winter
Feb 2012	 Hong Kong International Jewellery Show

HKTDC helped to distribute promotional materials in the following trade fairs outside Hong Kong:

Apr 2011	• Jinjiang Footwear (International) Expo - China
Jun 2011	• BIO International Convention - Washington DC, USA
	 China Cross-Straits Technology and Projects Fair
Jul 2011	 International Fashion Fair - Tokyo, Japan
Aug 2011	 MAGIC - Las Vegas, USA
Sep 2011	• IFA - Berlin, Germany
Oct 2011	 Anuga - Colonge, Germany
	• GITEX - Dubai, UAE
	China Toy Expo, Shanghai
	CEATEC Japan

- 25 -
- Nov 2011 China Hi-Tech Fair
 - Asia Electronics Exhibition in Shanghai
- Jan 2012 Consumer Electronics Show Las Vegas, USA
 - Expo Riva Schuh International Shoe Fair (Summer Ed) Riva del Garda, Italy
- Feb 2012 Spielwarenmesse International Toy Fair Nuremburg, Germany
 - American International Toy Fair, New York
- Mar 2012 BASEL WORLD 2011 The New World Watch and Jewellery Switzerland
 - CeBIT Hanover, Germany

Efforts of Hong Kong Council for Testing and Certification to Promote Testing and Certification Industry of Hong Kong



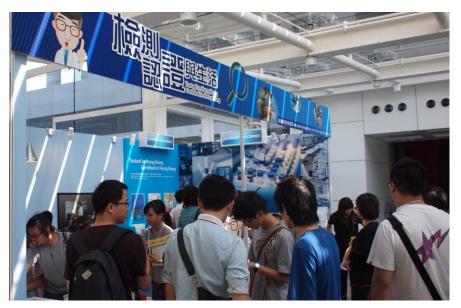
Promotional booth in the Hong Kong Electronics Fair (Autumn Ed) in October 2011



Promotional booth in an overseas trade fair



Advertisement in a lightbox in a local trade fair of HKTDC



Promotional booth (exterior) at Inno-Carnival 2011



Promotional booth (interior) at Inno-Carnival 2011



Advertorial on authentication of Chinese medicines published

in December 2011



Advertorial on promoting recognition of "Tested in Hong Kong, Certified in Hong Kong" published in December 2011



Advertorial on development of testing methods for Fei Cui published in January 2012

Government support to the testing and certification industry to bring international recognition HK RS RS

The professionalism and credibility of the testing and certification industry in Hong Kong has been receiving global recognition. With the active support of the Government, the standing of the industry has been effectively maintained.

Traceable and credible calibration

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Reports with HKAS accreditation symbol are recognized workdwide

Advertorial on Government support to the testing and certification Industry to bring international recognition published in February 2012

