

香港特別行政區政府

The Government of the Hong Kong Special Administrative Region

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14 December 2015

Ms Connie Ho
Clerk to Panel on Commerce and Industry (Ag.)
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong

Dear Ms Ho,

**Panel on Commerce and Industry
Follow-up to Meeting held on 17 November 2015**

LC Paper No. CB(1)148/15-16(03)

During the discussion of the item “Latest development of the testing and certification industry” at the meeting held on 17 November 2015, Members sought additional information regarding the breakdown of the statistics and progress of the relevant projects supported by the Innovation and Technology Fund (ITF). Please see below our response to these requests following the order as presented in the follow-up action table of the Panel:

(a) Breakdown of the business receipts of the testing and certification industry from 2008 to 2014 by respective types of services (i.e. testing, inspection and certification) and trades

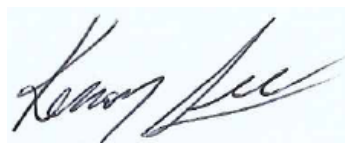
Business receipts of the testing and certification industry mainly came from providing testing, inspection, and certification services. Breakdown of business receipts by service type and trade from 2008 to 2014 is set out at **Annex A**.

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(b) The implementation progress of the 11 new projects relating to testing and certification that were supported by the Innovation and Technology Fund since November 2013

Details of the 11 new projects relating to testing and certification which are approved by the ITF since November 2013 are set out at **Annex B**.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Kesson Lee', is centered on a light blue rectangular background.

(Kesson Lee)

for Commissioner for Innovation and Technology

Encls.

Breakdown of the business receipts of the testing and certification industry from 2008 to 2014 by respective types of services (i.e. testing, inspection and certification) and trades

Category	2008 ⁽¹⁾ (\$ million)	2009 (\$ million)	2010 (\$ million)	2011 (\$ million)	2012 (\$ million)	2013 (\$ million)	2014 ⁽²⁾ (\$ million) (provisional)
Testing							
(a) Textiles, clothing and footwear	1 462	1 418	1 611	1 436	1 580	1 737	1 803
(b) Toys and games	1 307	1 450	1 559	1 640	1 723	2 017	2 147
(c) Medical	1 058	1 212	1 298	1 394	1 589	1 583	1 884
(d) Electrical products	712	822	526	887	900	1 142	1 296
(e) Others	669	1 070	1 041	1 372	1 433	1 758	1 720
Sub-total ⁽³⁾	5 210 (66%)	5 972 (69%)	6 036 (68%)	6 729 (62%)	7,225 (66%)	8 237 (70%)	8 850 (68%)
Inspection	1 588 (20%)	1 316 (15%)	1 686 (19%)	1 656 (15%)	1 967 (18%)	1 754 (15%)	1 879 (14%)
Certification	322 (4%)	517 (6%)	385 (4%)	395 (4%)	325 (3%)	326 (3%)	293 (2%)
Others	717 (9%)	818 (9%)	790 (9%)	2 000 (19%)	1 359 (12%)	1 510 (13%)	1 999 (15%)
Total⁽³⁾	7 836 (100%)	8 622 (100%)	8 897 (100%)	10 780 (100%)	10 876 (100%)	11 828 (100%)	13 021 (100%)

Notes:

(1) *Figures for 2008 are compiled based on the results of an ad hoc survey conducted in 2009, while figures for 2009 onwards are compiled based on the results of the Annual Survey of Economic Activities of the Census and Statistics Department.*

(2) *These are provisional figures.*

(3) *Figures may not add up to the corresponding sub-totals / totals due to rounding.*

**List of projects relating to testing and certification approved by
the Innovation and Technology Fund since November 2013
(as at 10 December 2015)**

	Project Title	Lead Applicant	Status	Expected Completion Date/ Completion Date
1	Detection of microwave radiation by nanoscale spintronic device	The University of Hong Kong	Completed ⁽¹⁾	August, 2015
2	Platform Development for Quality Control of Proprietary Chinese Medicine for Hong Kong with the use of Chemometrics	The Hong Kong Polytechnic University	Completed ⁽²⁾	February, 2015
3	Optical System for Health Assessment (Full)	Hong Kong Applied Science and Technology Research Institute Company Limited	Ongoing	January, 2016
4	A novel thermal sensation technique for energy saving in personalized ventilation systems	Hong Kong University of Science and Technology	Ongoing	December, 2015
5	Robot-aided automatic fish processing system for highly efficient pollutant detection and drug evaluation	City University of Hong Kong	Ongoing	February, 2016
6	Development of a smart, high efficiency and energy saving PM2.5 sensing and purifying system	City University of Hong Kong	Ongoing	July, 2016

	Project Title	Lead Applicant	Status	Expected Completion Date/ Completion Date
7	Innovative guided - wave sensor and system for inspecting the integrity and corrosion extent of buried or covered pipes	City University of Hong Kong	Ongoing	December, 2016
8	Ultra-sensitive photothermal spectroscopic gas sensors for medical and industrial applications	The Hong Kong Polytechnic University	Ongoing	June, 2016
9	Development of rail crack monitoring system using fibre optic based Ultrasonic Guided Wave detection technology	The Hong Kong Polytechnic University	Ongoing	September, 2016
10	Advance Detection of Water Seepage in Buildings (Stage 2)	The Hong Kong Polytechnic University	Ongoing	January, 2017
11	Establishment of a Mass Spectral Database for Rapid Authentication of Edible Oils using MALDI-MS	The Hong Kong Polytechnic University	Approved (will commence in 2016)	June, 2017

Notes:

- (1) *Fabrication of a spintronic sensor array for microwave signal detection and published results in an SCI paper.*
- (2) *The lead applicant has developed a software programme which will be shared with the industry for free.*