

**Table 1 Number of Establishments and Persons Engaged in Testing and Certification Activities, 2009-2016**

		2009	2010	2011	2012	2013	2014	2015	2016
Category A	Number of establishments	570	610	600	600	610	610	640	670
	Number of persons engaged	12 680	12 390	13 110	12 780	13 090	13 520	13 580	13 960
Category B	Number of establishments	70	45	45	50	50	50	45	45
	Number of persons engaged	890	740	670	680	680	700	670	660
Category C	Number of establishments	50	50	55	55	55	55	55	55
	Number of persons engaged	2 680	3 060	3 190	3 220	3 240	3 290	3 310	3 380
<b>Total</b>	<b>Number of establishments</b>	<b>690</b>	<b>705</b>	<b>700</b>	<b>705</b>	<b>715</b>	<b>715</b>	<b>740</b>	<b>770</b>
	<b>Number of persons engaged</b>	<b>16 250</b>	<b>16 190</b>	<b>16 970</b>	<b>16 680</b>	<b>17 010</b>	<b>17 510</b>	<b>17 560</b>	<b>18 000</b>

- Notes: 1. Category A refers to private independent establishments with their major economic activities in testing, inspection and certification services.  
2. Category B refers to in-house laboratories in large manufacturers and exporters engaging 100 persons or more.  
3. Category C refers to laboratories in Government departments / public organisations.  
4. Figures on number of establishments and persons engaged are rounded up to the nearest ten.

**Table 2 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Principal Statistics, 2009-2016**

<b>Principal Statistics</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Number of establishments	570	610	600	600	610	610	640	670
Number of persons engaged	12 680	12 390	13 110	12 780	13 090	13 520	13 580	13 960
Business receipts (HK\$Million)	8,622	8,897	10,780	10,876	11,828	13,021	13,959	14,138
Value added* (HK\$Million)	5,081	5,157	5,368	5,827	6,011	6,491	7,017	7,325

Notes: 1. \* Measure direct economic contribution (Value of output minus value of goods and services used in the production)

2. Figures on number of establishments and persons engaged are rounded to the nearest ten.

**Table 3 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Business Receipts by Type of Services, 2009-2016**

HK\$Million

Type of Services	2009	2010	2011	2012	2013	2014	2015	2016
Testing	5,972	6,036	6,729	7,225	8,237	8,850	9,626	9,652
Inspection	1,316	1,686	1,656	1,967	1,754	1,879	1,854	2,590
Certification	517	385	395	325	326	293	200	232
Other services receipts	658	651	539	372	430	404	323	198
Other business receipts	160	139	1,461	987	1,080	1,595	1,957	1,467
<b>Total</b>	<b>8,622</b>	<b>8,897</b>	<b>10,780</b>	<b>10,876</b>	<b>11,828</b>	<b>13,021</b>	<b>13,959</b>	<b>14,138</b>

- Notes:
1. Other services receipts include receipts arising from rendering consultancy services and management fees.
  2. Other business receipts include mainly dividends.
  3. Figures may not add up to the corresponding totals due to rounding.

**Table 4 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Business Receipts from Rendering Testing Services by Type of Products/Services Tested, 2009-2016**

HK\$Million

Type of Products / Services	2009	2010	2011	2012	2013	2014	2015	2016
Textiles, clothing and footwear	1,418	1,611	1,436	1,580	1,737	1,803	1,616	1,706
Toys and games	1,450	1,559	1,640	1,723	2,017	2,147	1,902	1,899
Medical testing	1,212	1,298	1,394	1,589	1,583	1,884	2,406	2,806
Electrical products and telecommunications equipment	822	526	887	900	1,142	1,296	1,393	1,421
Construction materials*	-	-	-	-	-	987	1,577	1,125
Others	1,070	1,041	1,372	1,433	1,758	733	733	694
<b>Total</b>	<b>5,972</b>	<b>6,036</b>	<b>6,729</b>	<b>7,225</b>	<b>8,237</b>	<b>8,850</b>	<b>9,626</b>	<b>9,652</b>

- Notes:
1. \* Business receipts from rendering construction materials testing was included in "Others" from 2009 to 2013.
  2. An establishment may render testing services for more than one type of product/service .
  3. Figures may not add up to the corresponding totals due to rounding.

**Table 5 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Business Receipts by Size of Establishment, 2009-2016**

HK\$Million

Size of Establishment in Terms of Number of Persons Engaged	2009	2010	2011	2012	2013	2014	2015	2016
Less than 50	2,236	2,156	2,617	2,956	2,861	3,437	4,293	3,907
50 or above	6,386	6,741	8,163	7,920	8,966	9,583	9,666	10,231
<b>Total</b>	<b>8,622</b>	<b>8,897</b>	<b>10,780</b>	<b>10,876</b>	<b>11,828</b>	<b>13,021</b>	<b>13,959</b>	<b>14,138</b>

Note: 1. Figures may not add up to the corresponding totals due to rounding.

**Table 6 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Number of Establishments and Persons Engaged by Size of Establishment, 2009-2016**

Size of Establishment in Terms of Number of Persons Engaged	2009		2010		2011		2012		2013		2014	
	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged
Less than 50	530	3 930	580	3 460	570	3 980	570	3 620	580	3 880	570	4 060
50-99	20	1 100	20	980	10	980	10	820	10	1 040	10	960
100 or above	20	7 650	20	7 940	20	8 150	20	8 330	20	8 180	20	8 500
<b>Total</b>	<b>570</b>	<b>12 680</b>	<b>610</b>	<b>12 390</b>	<b>600</b>	<b>13 110</b>	<b>600</b>	<b>12 780</b>	<b>610</b>	<b>13 090</b>	<b>610</b>	<b>13 520</b>

Size of Establishment in Terms of Number of Persons Engaged	2015		2016	
	Number of Establishments	Number of Persons Engaged	Number of Establishments	Number of Persons Engaged
Less than 50	600	3 770	630	3 750
50-99	20	1 140	10	820
100 or above	20	8 670	30	9 390
<b>Total</b>	<b>640</b>	<b>13 580</b>	<b>670</b>	<b>13 960</b>

- Notes: 1. Figures on number of establishments and persons engaged are rounded to the nearest ten.  
2. Figures may not add up to the corresponding totals due to rounding.

**Table 7 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Number of Persons Engaged by Occupation, 2010-2016<sup>^</sup>**

<b>Occupation</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Professional staff providing testing, inspection and certification services	2 840	3 150	2 750	2 830	2 880	2 820	2 810
Associate professional staff providing testing, inspection and certification services	3 380	3 070	3 010	3 060	3 010	3 510	3 680
Other staff <sup>#</sup>	6 170	6 890	7 020	7 200	7 640	7 260	7 470
<b>Total</b>	<b>12 390</b>	<b>13 110</b>	<b>12 780</b>	<b>13 090</b>	<b>13 520</b>	<b>13 580</b>	<b>13 960</b>

- Notes:
1. <sup>^</sup> Figures in 2009 are not available.
  2. Professional staff refer to those staff engaging in the practical application of scientific concepts and theories, e.g. physicists, biologists, chemists, biochemists, etc.
  3. Associate professional staff refer to those staff assuming operational responsibility and giving technical support to professionals in engineering and natural sciences, e.g. life science technicians, medical science technicians, medical laboratory technicians, etc.
  - 4.# Including managers and administrators; other professional and associate professional staff; sales workers; and other staff.
  5. Figures on number of persons engaged are rounded to the nearest ten.
  6. Figures may not add up to the corresponding totals due to rounding.

**Table 8 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Professional Staff Whose Major Duty was to Carry Out  
Testing, Inspection and Certification Services by Educational Attainment, 2010- 2016<sup>^</sup>**

<b>Educational Attainment</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Postgraduate	330	330	330	320	320	460	450
Degree	1 650	1 950	1 510	1 610	1 710	1 550	1 530
Sub-degree	160	310	310	350	320	240	280
Diploma/Certificate	550	530	430	400	360	290	320
Craft Courses and Others	150	40	170	150	160	280	230
<b>Total</b>	<b>2 840</b>	<b>3 150</b>	<b>2 750</b>	<b>2 830</b>	<b>2 880</b>	<b>2 820</b>	<b>2 810</b>

- Notes:
1. <sup>^</sup> Figures in 2009 are not available.
  2. Professional staff refer to those staff engaging in the practical application of scientific concepts and theories, e.g. physicists, biologists, chemists, biochemists, etc.
  3. Figures on number of persons engaged are rounded to the nearest ten.
  4. Figures may not add up to the corresponding totals due to rounding.



**Table 9 Private Independent Establishments with Major Economic Activities  
in Testing, Inspection and Certification Services  
- Associate Professional Staff Whose Major Duty was to Carry Out  
Testing, Inspection and Certification Services by Educational Attainment, 2010- 2016<sup>^</sup>**

<b>Educational Attainment</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Postgraduate	100	50	60	60	60	70	70
Degree	840	780	470	550	580	670	700
Sub-degree	210	380	330	300	360	290	260
Diploma/Certificate	990	880	1 040	1 040	1 040	960	1 090
Craft Courses and Others	1 250	970	1 100	1 110	970	1 520	1 560
<b>Total</b>	<b>3 380</b>	<b>3 070</b>	<b>3 010</b>	<b>3 060</b>	<b>3 010</b>	<b>3 510</b>	<b>3 680</b>

- Notes:
1. <sup>^</sup> Figures in 2009 are not available.
  2. Associate professional staff refer to those staff assuming operational responsibility and giving technical support to professionals in engineering and natural sciences, e.g. life science technicians, medical science technicians, medical laboratory technicians, etc.
  3. Figures on number of persons engaged are rounded to the nearest ten.
  4. Figures may not add up to the corresponding totals due to rounding.