檢測 認證 多元前景
實踐使命
Testing and Certification
Create Your Future

香港檢測和認證局
The Hong Kong Council for
Testing and Certification

www.hkctc.gov.hk

測試、檢驗和認證服務
Testing, Inspection and Certification Services
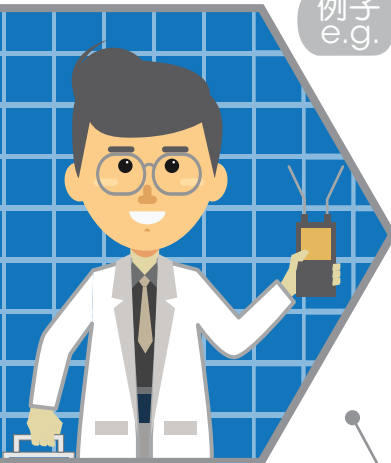
測試 Testing

例子 e.g.
- 進行電磁兼容性(EMC)測試,確保手提電話不受外界電磁波干擾

  Electromagnetic compatibility (EMC) test to determine the performance reliability of a smart phone

- 測試蔬菜是否符合有害農藥殘留的規管要求

  Testing for harmful pesticide residues on vegetables

檢驗 Inspection

例子 e.g.
- 為參與「室內空氣質素檢定計劃」,實地量度空氣質素參數(例如一氧化碳、揮發性有機化合物等)

  "Indoor Air Quality (IAQ) Certification Scheme for Offices and Public Places" – conduct measurements of IAQ parameters (e.g., carbon monoxide and volatile organic compounds)

- 海外買家安排檢驗機構在產品付運前,於工廠檢驗整批產品

  An overseas buyer arranges inspection to check a batch of products at the factory before shipment

認證 Certification

(i) 管理體系認證
Management system certification

例子 e.g.
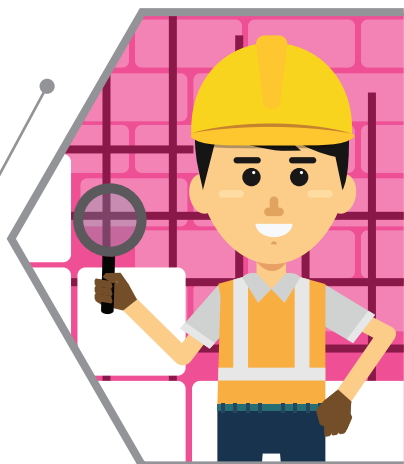- ISO 9001 品質管理體系
  Quality Management System

- ISO 50001 能源管理體系
  Energy Management System

ISO 9001
ISO 50001

(ii) 產品認證
Product certification

例子 e.g.
- 建材產品認證計劃
  Product certification schemes on construction materials

檢測和認證業 為安全和品質把關
Testing and Certification Safeguard Safety and Quality

✓ 在日常生活中協助保證各種產品的安全和質素
Assure the safety and quality of a wide range of products in our daily life

✓ 確保產品符合國際及地區標準
Ensure that products comply with international and/or local standards

✓ 為本港的製造業、出口業以至「再工業化」所推動的高端製造業作出貢獻，是整個供應鏈不可或缺的一環
As an integral part of the supply chain, contribute to the local manufacturing industry, external trade and high-end manufacturing industries advocated by re-industrialisation

香港的檢測和認證業極具優勢
Competitive Edges of Hong Kong's Testing and Certification Sector

- 專業誠信
  High professional integrity

- 毗鄰消費品製造中心
  Proximity to consumer product manufacturing centre

- 作為自由港、擁有先進的物流支援，方便運送樣本
  A free port with good logistics support to facilitate easy transport of samples

- 健全的認可制度，廣獲國際認可
  Robust accreditation system being widely recognised internationally

- 優良的知識產權保障
  Good intellectual property protection

- 高技術水平
  High technical competence

- 敏銳的市場觸覺
  Quick response to market needs

如何裝備自己 加入檢測和認證業
How to prepare yourself to join the testing and certification sector

高中階段
At the senior secondary level

- 培養良好語文和科學思維能力
  To be proficient in languages and scientific thinking

- 選修最少一個科學科目，例如：
  To study at least one science subject, e.g. :

生物 Biology	化學 Chemistry	物理 Physics	組合科學 Combined Science	綜合科學 Integrated Science

專上/大學階段
At the post-secondary/university level

- 選讀學科，例如：
  Examples of major :

科學 Science	工程 Engineering	檢測和認證 Testing and Certification	應用科學 Applied Science	時裝與紡織 Fashion and Textiles

專業發展機會
Professional Development

香港工程師學會材料工程師
The Hong Kong Institution of Engineers
(HKIE) Materials Engineers

質量管理體系專業審核師
Certified Quality Management
System (QMS) Auditors

檢測專業人員認證計劃
Professional Certification Scheme
for Testing Personnel

資歷架構
Qualifications Framework (QF)

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