



# How Accreditation Can Help You?

## 認可如何幫助您？



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**Hong Kong Accreditation Service**

**28 July 2021**



# Topics

- ✦ Introduction to Conformity Assessment Activities
- ✦ Value of Accreditation
- ✦ Hong Kong Accreditation Service (HKAS)



# Introduction to Conformity Assessment Activities

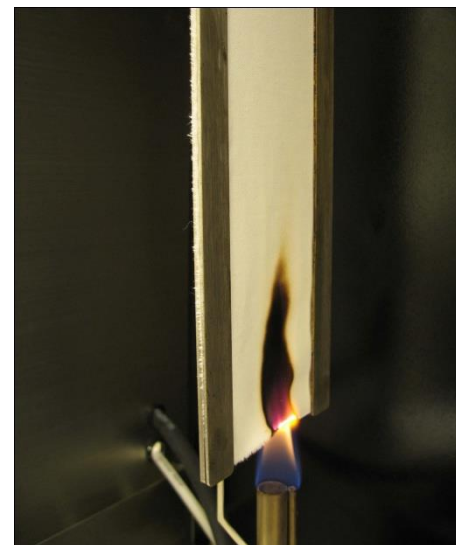


# Conformity Assessment Activities (合格評定活動)

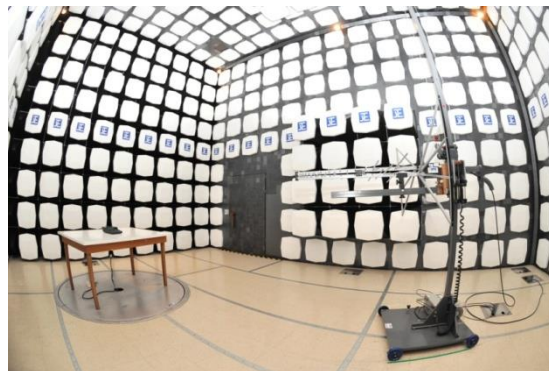
- ✦ Testing (測試)
- ✦ Inspection (檢驗)
- ✦ Certification (認證)

# What is testing(測試)?

- ⊕ “Testing” refers to the determination of **one or more characteristics of an object** (e.g. flammability of a toy sample, content of soluble elements of a toy material), according to **a specified technical procedure** (e.g. International Standard ISO8124).
- ⊕ for checking compliance of the **characteristics** with **standards, specifications or regulations**.



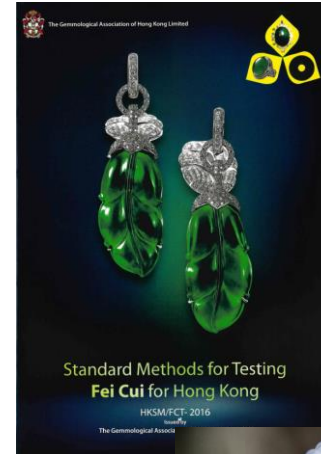
# Testing Services in Hong Kong



## Nutrition Information 營養資料

	Per 100g or Per 100ml/ 每 100 克或每 100 毫升
<b>Energy / 能量</b>	kcal or kJ / 千卡或千焦
<b>Protein / 蛋白質</b>	g / 克
<b>Total fat / 總脂肪</b>	g / 克
- Saturated fat / 飽和脂肪	g / 克
- Trans fat / 反式脂肪	g / 克
<b>Carbohydrates / 碳水化合物</b>	g / 克
- Sugars / 糖	g / 克
<b>Sodium / 鈉</b>	mg / 毫克
<b>Insert nutrient(s) involved in claim(s) / 填入涉及聲稱的營養素</b>	g, mg or µg 克、毫克或微克
<b>Insert other nutrient(s) to be declared / 填入其他標示的營養素</b>	g, mg or µg 克、毫克或微克

# Testing Services in Hong Kong (Cont')



# What is inspection(檢驗)?

- ◆ “Inspection” - examination of a product, process, service or installation or their design and determination of its conformity with specific requirements or, on the basis of professional judgement, with general requirements





# Inspection Services in Hong Kong

- Inspection related to consumer products or their production (factory inspection, pre-production, during-production and pre-shipment inspection of specific products)
- Inspection of construction products and welds
- Indoor air quality



# What is Certification(認證)?

- “Certification” - Is an activity by which **an independent third party** (i.e. certification body) gives written assurance that a **product, process, system or person** fulfils specified requirements



## QUALITY MANAGEMENT SYSTEM CERTIFICATE

*This is to certify that*

JOHN'S Limited

at

Unit 2B, 12/F, Tai Wo Industrial Building, 2 San Yat Street, San Po Kong, Kowloon

operates a *Quality Management System* in conformity with:

ISO 9001: 2008

for

Wholesale of steam cookers

This certificate remains valid till the expiry date stated below  
subject to satisfactory maintenance of the system

*T. M. Chan*

CHAN Tai Man  
Certification Manager

Initial Certification Date: 20 January 2007  
Certificate No.: QMS 932

Expiry Date: 19 January 2010

AB CERTIFICATION LIMITED

7/F, Hung Hom Enterprise Building, 47 Hung Kiang Road, Hung Hom, Kowloon.

The accreditation mark indicates HKAS accreditation in respect of those activities covered under registration number 226.

HKAS is a signatory to the International Accreditation Forum, Inc. Multilateral Recognition Arrangement for Quality Management Systems (IAF QMS MLA). This certificate may not be reproduced except in full.



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# Certification Services in Hong Kong

## System certification 體系認證

- ISO9001 Quality management system 品質管理體系(QMS)
- ISO14001 Environmental management system 環境管理體系(EMS)
- ISO22000 Food safety management system 食品安全管理體系(FSMS)
- OHSAS18001 Occupational, health and safety management system 職業健康與安全管理體系
- **ISO27001 Information security management system 資訊安全管理體系(ISMS)**
- ISO50001 Energy management system 能源管理體系

# Certification Services in Hong Kong 香港的認證服務

Product certification 產品認證

- US EPA Energy Star 美國環保局能源之星
- Hong Kong construction materials product certification  
香港建築材料產品認證
- Hong Kong Q-mark food certification  
香港‘Q 嘜’產品計劃

Greenhouse gases (GHG) validation and verification

溫室氣體審定和核查



# Value of Accreditation

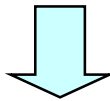




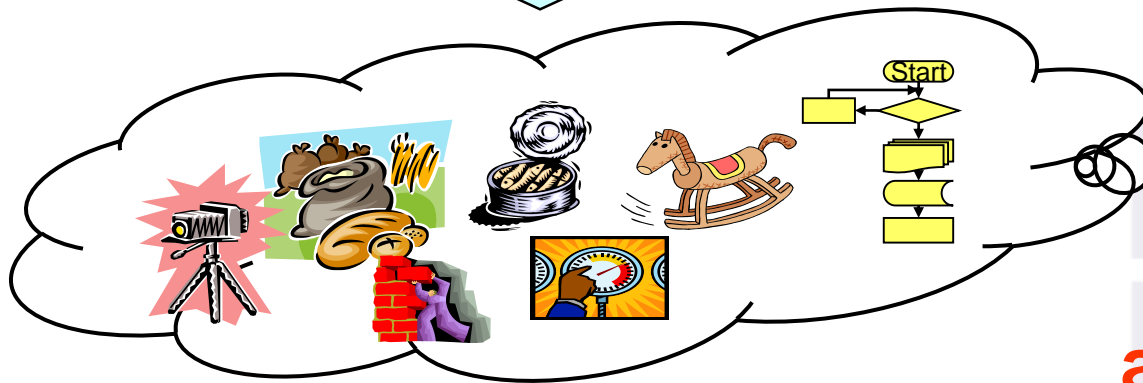
Accreditation Body  
- provides the assurance



Are they  
competent?



Test, Certification, Inspection



Are they  
acceptable?



# Benefits of Third-Party Testing and Certification

## Manufacturers or Service Providers

- Reduce non-compliance, liability, rejection of service/products and resulting financial risks
- Enhance company's reputation and image
- Create business opportunities due to enhanced acceptance and confidence



# Benefits of Third-Party Testing and Certification

## Customers/Public

- Identification of high quality services
- Reduce monitoring

## Regulators

- Apply private sector resources to achieve regulatory objectives
- Uphold safety and conformity of services and products at low administrative costs

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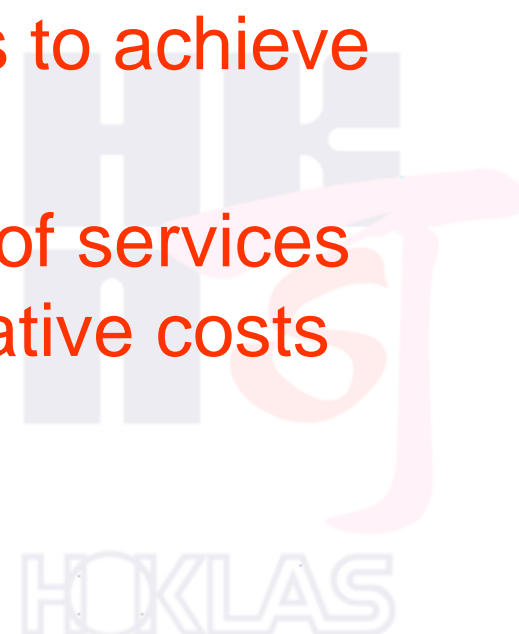
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# Impact of 'Wrong results' ...

- Hazardous to customers
- Public health issue
- Loss of confidential information
- Subsequent loss of customers (loss of confidence/loyalty)
- Direct and indirect financial loss





# Hong Kong Accreditation Service (HKAS) 香港認可處




# HKAS 香港認可處

- ✦ HKAS is part of Innovation and Technology Commission of the Hong Kong Special Administration Region (HKSAR) Government.



- ✦ It was set up in 1998 (previously known as HOKLAS since 1985)
- ✦ It is the official accreditation body in Hong Kong
- ✦ It provides independent and impartial accreditation services

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- ✦ HKAS provides accreditation services to testing laboratories, certification bodies and inspection bodies under 3 schemes:

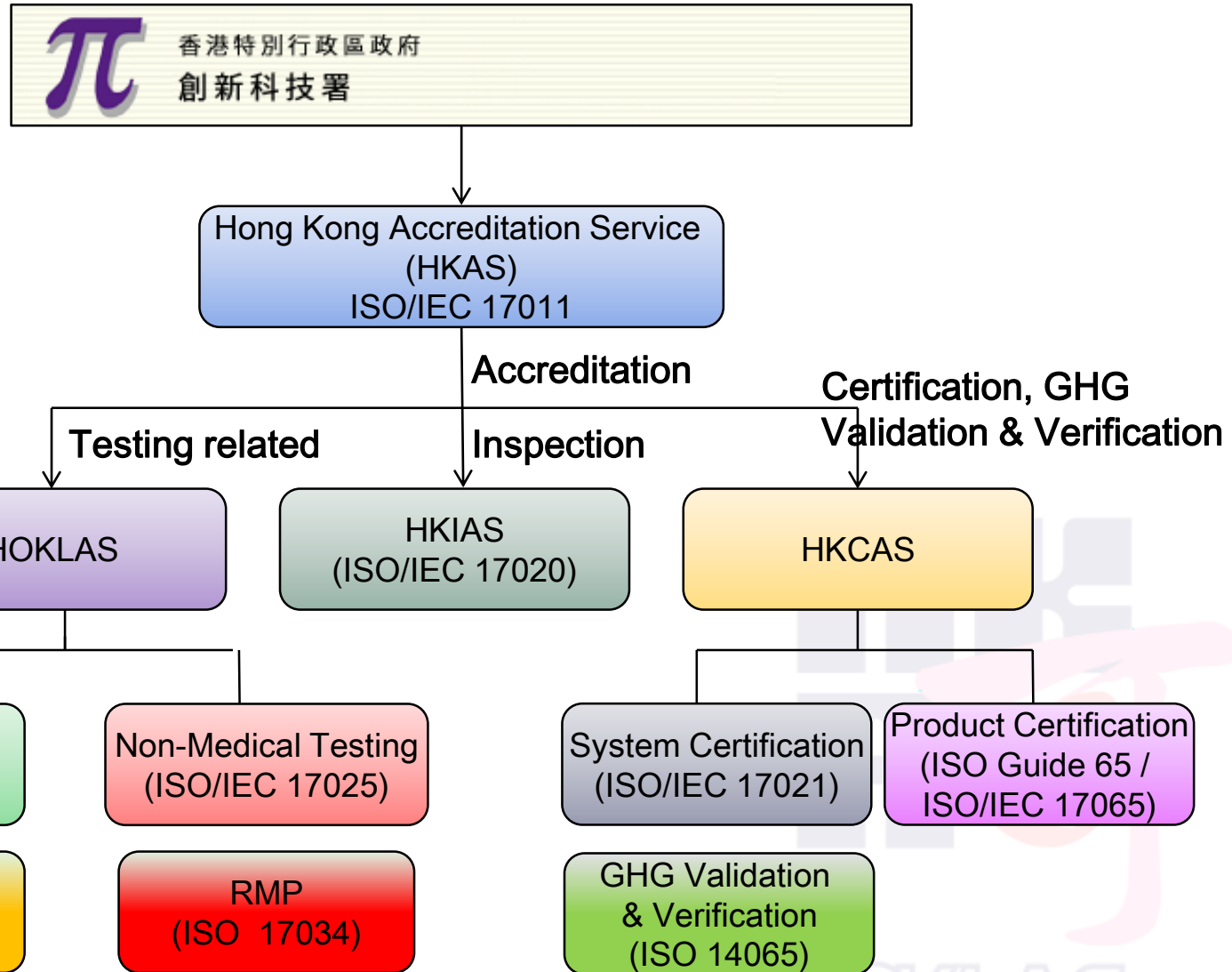


- HOKLAS (香港實驗所認可計劃)
- HKCAS (香港認證機構認可計劃)
- HKIAS (香港檢驗機構認可計劃)

- ✦ Participation in the 3 schemes is voluntary
- ✦ The schemes are operated in accordance with international standards



# Schematic Diagram of Accreditation





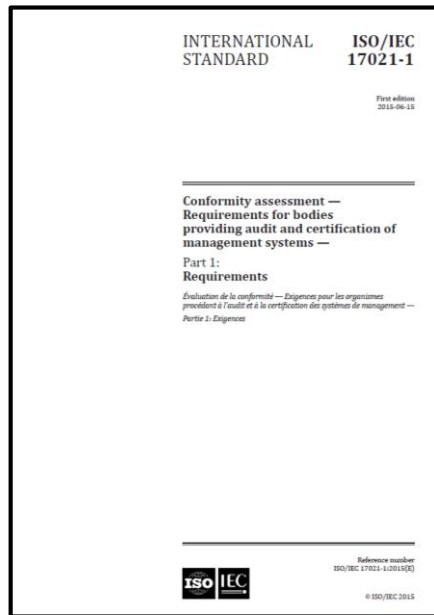
# HKAS Objectives

- ⊕ To upgrade the standard of operation of conformity assessment bodies in Hong Kong
- ⊕ To offer official recognition to competent conformity assessment bodies which meet international standards
- ⊕ To promote the acceptance of conformity assessment results issued by accredited conformity assessment bodies

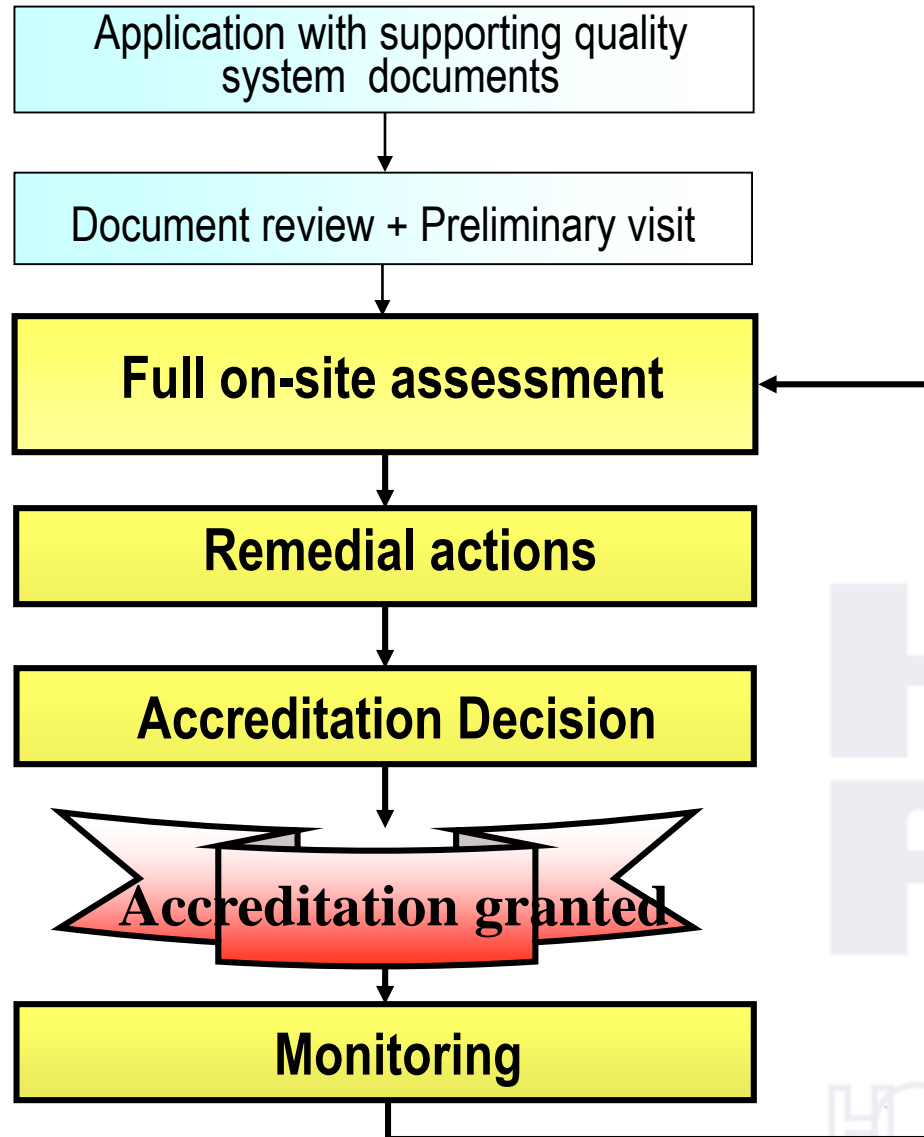


# Features of HKAS Accreditation

- Independent and impartial
- Based on international standards
- Involving rigorous assessments and monitoring
- Involving local & overseas assessors and experts
- International recognition



# Accreditation Process Flow chart





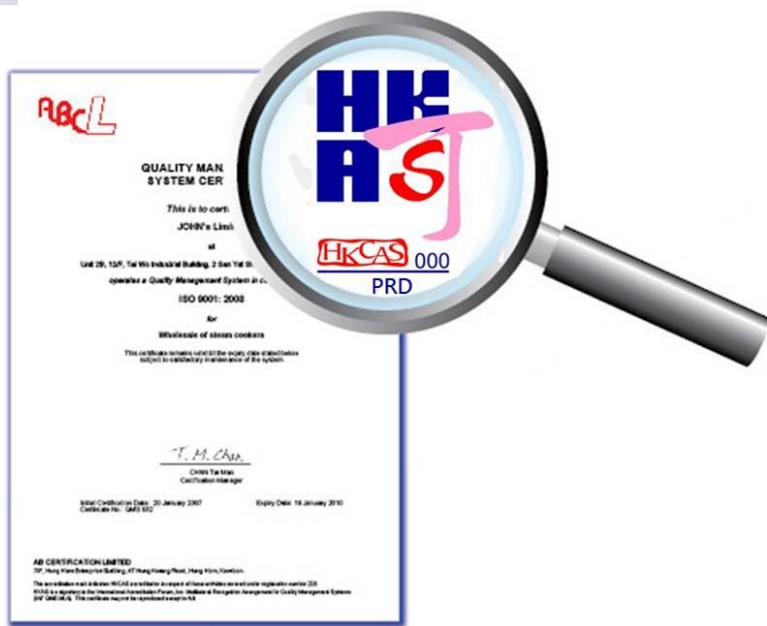
# Monitoring of Accredited Organisations

- ⊕ Reassessments / surveillance visit
- ⊕ Monitoring of changes
- ⊕ Proficiency testing
- ⊕ Handling of complaint



# Endorsed Test Reports and Accredited Certificates under HKAS Accreditation Schemes

## 香港認可處認可計劃認許測試報告及認可證書



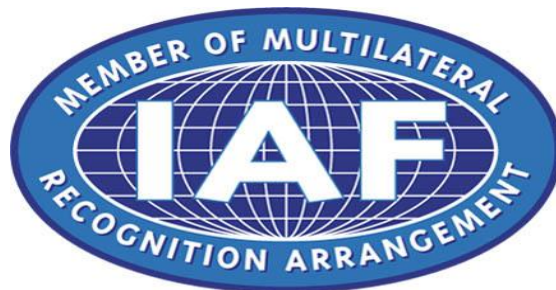
# HKCAS Accredited Certification Bodies

Certification Service	No. of accredited CABs
Quality Management System Certification	16
Environmental Management System Certification	15
Energy Management System Certification	9
Product Certification	12
Residential Care Homes for Elderly Management System Certification	2
Green House Gas Verification/Validation	2
Occupational Health and Safety Management System Certification	15
Food Safety Management System Certification	1

\* Number in brackets denotes net change since last reported

# Test Reports & Certificates Recognised Internationally

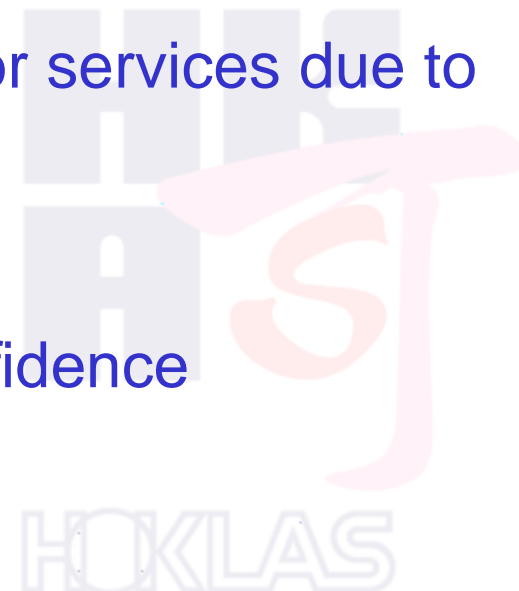
- # HKAS is signatory to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) and International Accreditation Forum (IAF) Multilateral Recognition Arrangement (MLA)
- # Endorsed test reports and accredited certificates issued by HKAS accredited organisations are recognised by HKAS's MRA / MLA partners (involving **accreditation bodies from over 100 economies** in the world)





# Benefits of using accredited testing, certification and inspection services

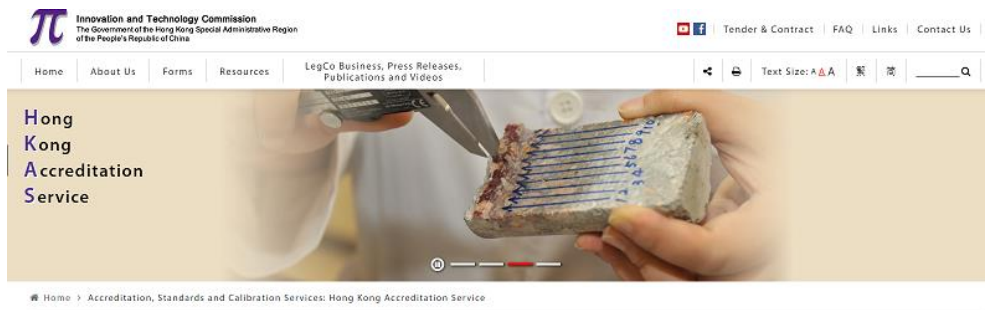
- ✦ Eliminate the need for repetition of testing, calibration, certification and inspection (through MRA / MLA) and thereby reducing costs and facilitating free trade across borders
- ✦ Competence of conformity assessment bodies have been assured, providing confidence in services
- ✦ Minimize the risk of failed products or services due to wrong results
- ✦ Due diligence under the law
- ✦ Enhance public and customers' confidence



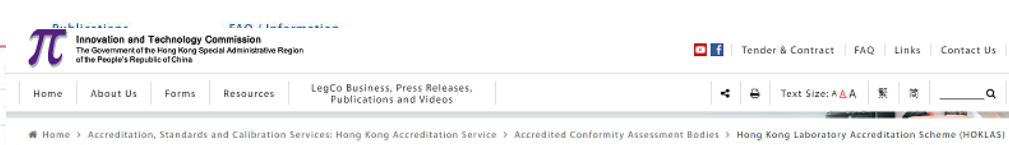
# For more information...

## Please visit our website

[www.hkas.gov.hk](http://www.hkas.gov.hk)



HKAS	Accreditation Services	Accredited Conformity Assessment Bodies
<a href="#">About HKAS</a>	<a href="#">Our Accreditation Services</a>	<a href="#">Hong Kong Laboratory Accreditation Scheme (HOKLAS)</a>
<a href="#">HKAS Executive</a>	<a href="#">Hong Kong Laboratory Accreditation Scheme (HOKLAS)</a>	<a href="#">Hong Kong Certification Body Accreditation Scheme (HKCAS)</a>
<a href="#">HKAS Milestones</a>	<a href="#">Hong Kong Certification Body Accreditation Scheme (HKCAS)</a>	<a href="#">Hong Kong Inspection Body Accreditation Scheme (HKIAS)</a>
<a href="#">Accreditation Advisory Board (AAB)</a>		



### Accredited Conformity Assessment Bodies

#### Hong Kong Laboratory Accreditation Scheme (HOKLAS)

HKAS has accredited a large varieties of testing laboratories, proficiency testing provider or reference material producer under HOKLAS. Users could identify those organisations accredited for the required types of test and view or download their detailed scopes where necessary.

#### Search by

Organisations   Registration No.   **Services**

Test Category:  
----- Please Select -----

Test Area:  
----- Please Select -----

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*Thank you*

