

# How Accreditation of Certification Bodies Provides Enhanced Confidence? 認證機構的認可如何增强信心?

Ir Dr Fiona CHAN Wan-yin Senior Accreditation Officer Hong Kong Accreditation Service Innovation and Technology Commission The Government of HKSAR 21 Nov 2019 (pm)



# Background information 背景資訊





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

 Part of Innovation and Technology Commission of the Hong Kong Special Administration Region (HKSAR) Government 香港認可處是一個政府機構



香港特別行政區政府 創新科技署

- Set up in 1998 (previously known as HOKLAS since 1985) 於1998年成立
- The only accreditation body in Hong Kong 是香港官方認可機構
- Provides independent and impartial accreditation services
   提供獨立和公正的認可服務



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HKAS provides accreditation services to testing laboratories, certification bodies and inspection bodies under 3 schemes:
香港認可處透過 3 個認可計劃,向實驗所、認證機構及 檢驗機構提供認可服務

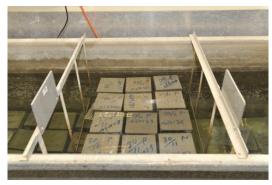


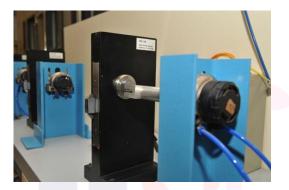
- Hong Kong Laboratory Accreditation Scheme 香港實驗所認可計劃 (HOKLAS) Accreditation standard: ISO/IEC 17025
- Hong Kong Certification Body Accreditation Scheme 香港認證機構認可計劃 (HKCAS) Accreditation standard: ISO/IEC 17065
  - Hong Kong Inspection Body Accreditation Scheme 香港檢驗機構認可計劃(HKIAS) Accreditation standard: ISO/IEC 17020



## Hong Kong Laboratory Accreditation Scheme (HOKLAS) – Test Category under HOKLAS 認可計劃下的測試類別

- Calibration Services
- Chemical Testing
- Chinese medicine
- Construction Materials
- Electrical and Electronic Products
- Environmental Testing
- Food
- Forensic Testing
- Medical Testing
- Miscellaneous
- Pharmaceutical Products
- Physical and Mechanical Testing
- Proficiency Testing Providers
- Reference Materials Producers
  - Testing Required by The China Compulsory Certification System
  - Textiles and Garments
- Toys and Children's Products





### Hong Kong Inspection Body Accreditation Scheme (HKIAS) 認可檢驗領域

- **Construction Products Inspection** 
  - 建築產品 Paint

Waterworks Welding





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#### Consumer Products Inspection 消費產品

Consumer products Electrical and electronic products Factory inspection Furniture Kitchenware Toys and children's products

Indoor Air Quality Inspection 室內空氣質素檢驗



# HKCAS) 認證服務

- Construction Products 建築材料及產品
  - Consumer Products 消費產品











# Number of Establishments Accredited by HKAS\*

		No. of Establishments	No. of Establishments under Construction
	Laboratories Under HOKLAS	223	77
	Inspection bodies under HKIAS	21	14
	Certification bodies under HKCAS	25	6
	Total	268	97
0	*		
e)	* as at 4 Nov 2019		



# Our focus today.... Construction Product Certification 建築材料及產品認證



# HKCAS) 認證服務

- Construction Products 建築材料及產品
- Consumer Products 消費產品









## Number of accredited certification bodies under HKCAS (as of 4 Nov 2019) : 6

- 17 construction product schemes have been launched 建材產品的認證計劃
  - **QSPSC** (ready-mixed concrete)
  - **PCCS-CP** (cement product)
  - PCCS-RM (repair mortar) -

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- **QS/SSC** (standard sand)
- **QS/SSR** (replacement sand)
- **PCCS-MR** (mesh reinforcement) -
- PCCS-AC (aggregates for concrete)
- **PCCS-PFPP** (fire door & partition)
- PCCS-TG (heat-socked glass)
- **PCCS-CT (ceramic tile)**
- PCCS-TA (tile adhesive)
- **PCCS-AW (aluminum window)** \_
- **PCCS-FH** (frictional hinge)
- PCCS-UP (uPVC & drainage pipe)
- **PCCS-WC** (water closet suites) -
- **PCCS-PP** (paint products)
- **QS-MC** (mechanical coupler)





















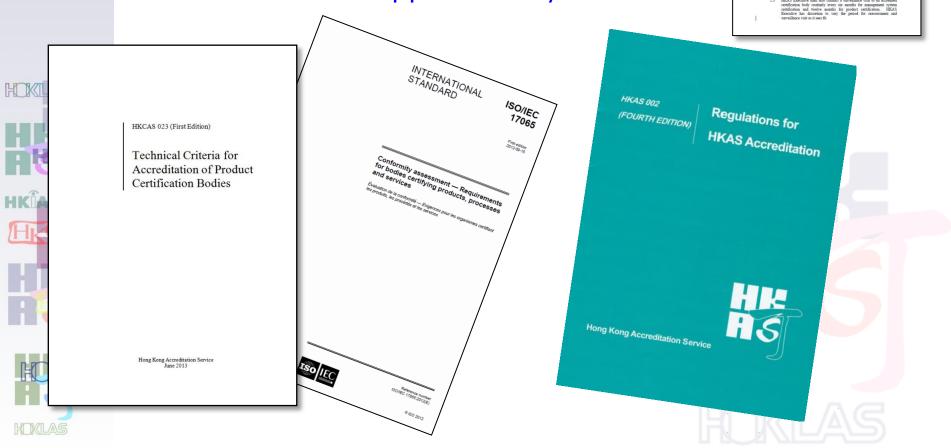






Accreditation Criteria for a Product Certification Body 產品認證機構認可標準

HKCAS 023 (ISO/IEC 17065 + HKCAS Policy) HKAS 002 (Regulations for HKAS Accreditation) Relevant HKAS/HKCAS Supplementary Criteria



one Date: 1 March 201

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**HKCAS Supplementary Criteria No. 4** 

Accreditation Regulations Specific for HKCAS - Certification Bod

1.1 This document provides specific regulations for certification bodies under the Hong Kong Certification Bi Scheme All accredited certification bodies shall conf

CERTIFICATION BODY ACCREDITATION PROCEDURE

HKAS Executive shall conduct a many

An assessment team may, at its discretion, carry out an obse certification body while it is performing certification andits fo

certification body while it is performing certification andsits for which it is accellisted or steaking accreditation. The certification body shall seek consent from and shall explain to its curtomer concerning the presence of the assessment team in such certification andsit. The certification body shall further assure its curtomer that the presence of the assessment team straing the certification andsits will not affect the outcome of the andsits.

of a certification body every three years dire the accredition has been granted. The reassessment schedule may be varied at the discretion of HKAS Executive. BKAS Executive, that also conduct a surveillance visit to an accredite

This document may be am version is uploaded to www.hkas.gov.hk.

repairions titted in this document at all times. For an applice conficiention body, accordination will coally be granuled after it la demonstrated to the satisfaction of HEAS Executive at competences and commutation to conforming with all the regulations stated in this document. This document shall be used in conjunction with HEAS 002 – Regulation for HEAS Accordination.

INTRODUCTION



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### Number of accredited certification bodies under HKCAS (as of 4 Nov 2019) : 6

HKCAS Registration Number	Name of Certification Body	
001	Hong Kong Quality Assurance Agency	
003	SGS Hong Kong Limited	
009	Castco Certification Services Limited	
010	Fugro Certification Services Limited	
012	MINSEN Certification (Asia) Limited	
020	Takwin (Hong Kong) Limited	
Accreditation criteria: ISO/IEC 17065		

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### Summary of accredited certification activities performed by accredited certification bodies under HKCAS (The table below is posted on the HKAS webpage)

Construction Products	<b>HKCAS Registration Number</b>
Aggregates for Concrete	<u>001</u>
Aluminum window	<u>009</u> , <u>020</u>
Cement	<u>003</u> <u>009</u> , <u>010</u> , <u>012</u>
Ceramic tile	<u>009, 010</u>
Fire doors and fire partitions	<u>003</u> 009, <u>010</u>
Frictional hinges	<u>020</u>
Mechanical coupler	<u>009</u>
Mesh reinforcement	<u>009, 012</u>
Paint Products	<u>009, 010</u>
Ready mixed concrete	<u>001, 009, 010</u>
Repair Mortar	<u>009, 010, 012</u>
Replacement sands	009
Standard sands	009
Tile adhesives	<u>001, 009, 010, 012</u>
Water closet suites	<u>009, 010</u>
UPVC pipes and fittings	012



#### Name of certification body



SGS Hong Kong Limited

Scope of Accreditation

Registration No. HKCAS 003 Page 6 of 8

Issue Date: 15 October 2019 Ref: HKCAS003-64

香港通用檢測認證有限公司 Units 303 & 305, 3/F, Building 22E, Phase 3, Hong Kong Science Park, New Territories, Hong Kong 香港新界香港科學園第三期 22E 座三樓 303 及 305 室 Product certification (Type 5 certification scheme to ISO/IEC 17067: 2013) Scheme Description

	-
PCCS-CP	Product certification for Portland Cement (CEM I) in accordance with
	Hong Kong Concrete Institute scheme PCCS-CP Issue 1 (2010) with
	Corr. No. 1/2010
	"Product Conformity Certification Scheme for Cement Products"
PCCS-PFPP	Product certification for fire doors and fire partitions in accordance with Hong Kong Institute of Steel Construction scheme PCCS-PFPP (2007) "Product Conformity Certification Scheme for Passive Fire Protection Products"
	Product certification for fire doors and non-loading bearing fire partitions in accordance with Hong Kong Institute of Steel Construction scheme PCCS-PFPP, Issue 3 (2017)
	"Product Conformity Certification Scheme for Passive Fire Protection Products" < excluding the following >
	Section 8 - Modification to Original Design of Certified PFPP

#### Description of certification activities

- a. Evaluation by initial audit of the client's management system and production process, and testing of one or more representative samples of products from the factory.
- b. Licensing by issuing a certificate of conformity and granting the right to use the mark of conformity.
- c. Surveillance at periodic interval by audit of the client's management system and production process, and testing of one or more representative samples of products from the factory.
- d. Re-evaluation at three years interval.

Accredited certification activities

# HKA

### Summary of accredited certification activities performed by accredited certification bodies under HKCAS (The table below is posted on the HKAS webpage)

Construction Products	<b>HKCAS Registration Number</b>
Aggregates for Concrete	<u>001</u>
Aluminum window	<u>009</u> , <u>020</u>
Cement	<u>003, 009, 010, 012</u>
Ceramic tile	<u>009, 010</u>
Fire doors and fire partitions	<u>003,009, 010</u>
Frictional hinges	<u>020</u>
Mechanical coupler	<u>009</u>
Mesh reinforcement	<u>009</u> 012
Paint Products	<u>009, 010</u>
Ready mixed concrete	<u>001, 009, 010</u>
Repair Mortar	<u>009, 010, 012</u>
Replacement sands	009
Standard sands	<u>009</u>
Tile adhesives	<u>001, 009, 010, 012</u>
Water closet suites	<u>009, 010</u>
UPVC pipes and fittings	012



#### Name of certification body

Accredited

activities

certification



Scope of Accreditation RegistrationNo. HKCAS 012 Tage 4 of 0 Issue Date: 18 March 2019

Ref: HKCAS012-46

Minsen Certification (Asia) Limited

明晟認證(亞洲)有限公司 10/F., Yick Fung Group Building, 2 Kin Wong Street, Tuen Mun, New Territories, Hong Kong 香港新界屯門達旺街 2號億豐集團大厦 10 樓

#### Product certification (Type 5 certification scheme to ISO/IEC 17067: 2013)

Scheme	Description
PCCS-MR	Product certification for mesh reinforcements in a coordance with Hong Kong Concrete Institute scheme PCCS-MR Issue 1 (2013) 'Product Conformity Certification Scheme for Mesh Reinforcements'
PCCS-RM	Product certification for repair mortars in a coordance with Hong Kong Concrete Institute scheme PCCS-RMIssue 1 (2010) 'Product Conformity Certification Scheme for Repair Mortars'
PCCS-TA	Product certification for cementitious a dhesives for tiles in a ccordance with Hong Kong Concrete Institute scheme PCCS-TAIssue 1 (2010) 'Product Conformity Certification Scheme for Tile Adhesives' < excluding the following > Cl. 5.4 - Reaction to Fire
PCCS-UP	Product certification for UPVC pipes and fittings in accordance with Hong Kong Institution of Plumbing and Drainage scheme PCCS-UP Issue 0 (March 2012) 'Product Conformity Certification Scheme for UPVC Pipes and Fittings for Foul Water Drainage Above Ground'
PCCS-CP	Product certification for Portland Cement (CEM I) in a ccordance with Hong Kong Concrete Institute scheme PCCS-CP Issue 1 (2010) with Corr. No. 1/2010 "Product Conformity Certification Scheme for Cement Products"

#### Description of certification activities

- a. Evaluation by initial audit of the client's management system and production process, and testing of one or more representative samples of products from the factory.
- b. Licensing by issuing a certificate of conformity and granting the right to use the mark of conformity.
- c. Surveillance at periodic interval by audit of the client's management system and production process, and testing of one or more representative samples of products from the factory.
- d. Re-evaluation at three years interval.



# Our focus today.... Key components in certification documentation



## Accreditation criteria 產品認證機構認可標準 ISO/IEC 17065:2012(E)

#### 7.7 Certification documentation

**7.7.1** The certification body shall provide the client with formal certification documentation that clearly conveys, or permits identification of the following:

- a) the name and address of the certification body;
- b) the date certification is granted (the date shall not precede the date on which the certification decision was completed);
- c) the name and address of the client;

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d) the scope of certification (see 3.10);

NOTE Where the standard(s) or other normative document(s) (see 7.1.2) to which conformity is being certified include reference to other standards or normative documents, these do not need to be included in the formal certification documentation.

e) the term or expiry date of certification, if certification expires after an established period;

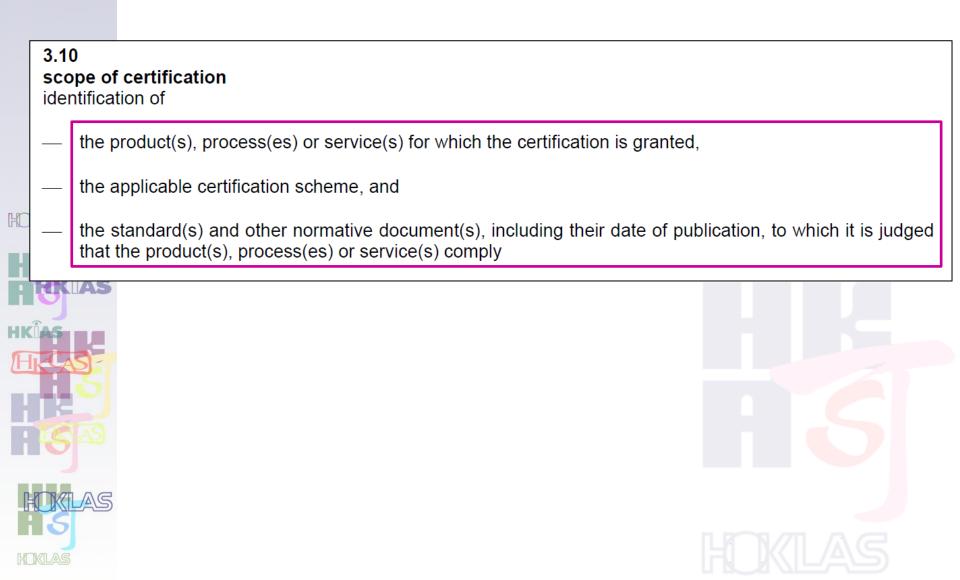
f) any other information required by the certification scheme.

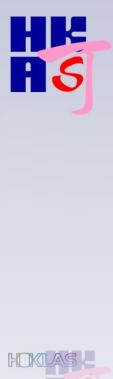
**7.7.2** The formal certification documentation shall include the signature or other defined authorization of the person(s) of the certification body assigned such responsibility.

NOTE The name and title of an individual whose agreement to be responsible for certification documentation is on record at the certification body is an example of a "defined authorization" other than a signature.



# Accreditation criteria 產品認證機構認可標準 ISO/IEC 17065:2012(E)





# Product certificate issued by an accredited certification body

### **Product Certificate**

CB name & address Client name & address Scope of certification (e.g. product, scheme) Date of certification granted Expiry date of certification Other information required by the certification scheme



Signature:





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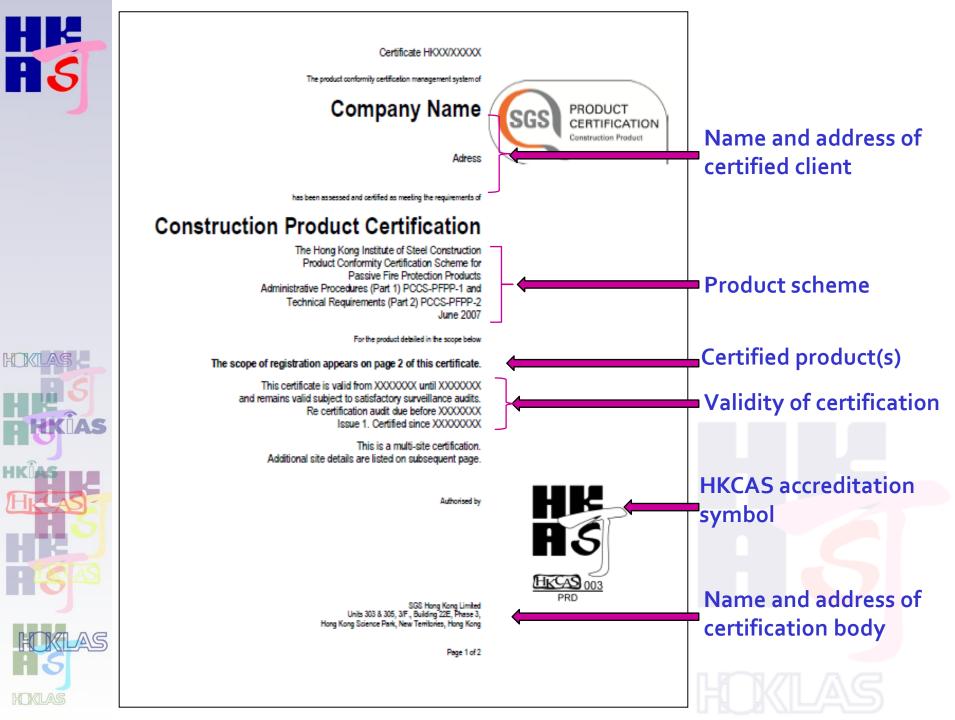
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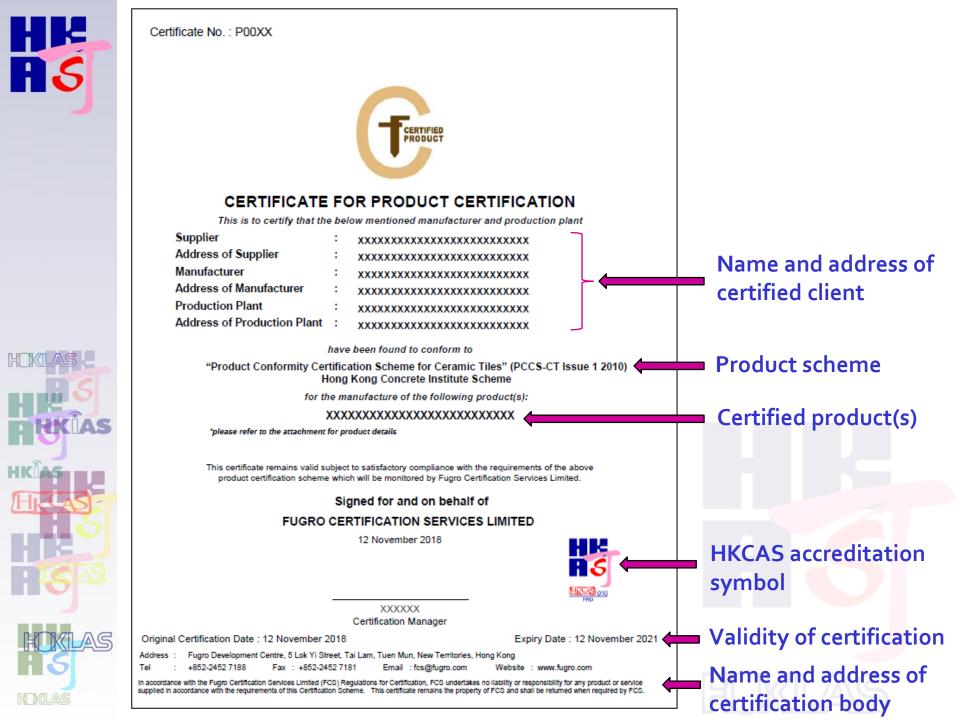
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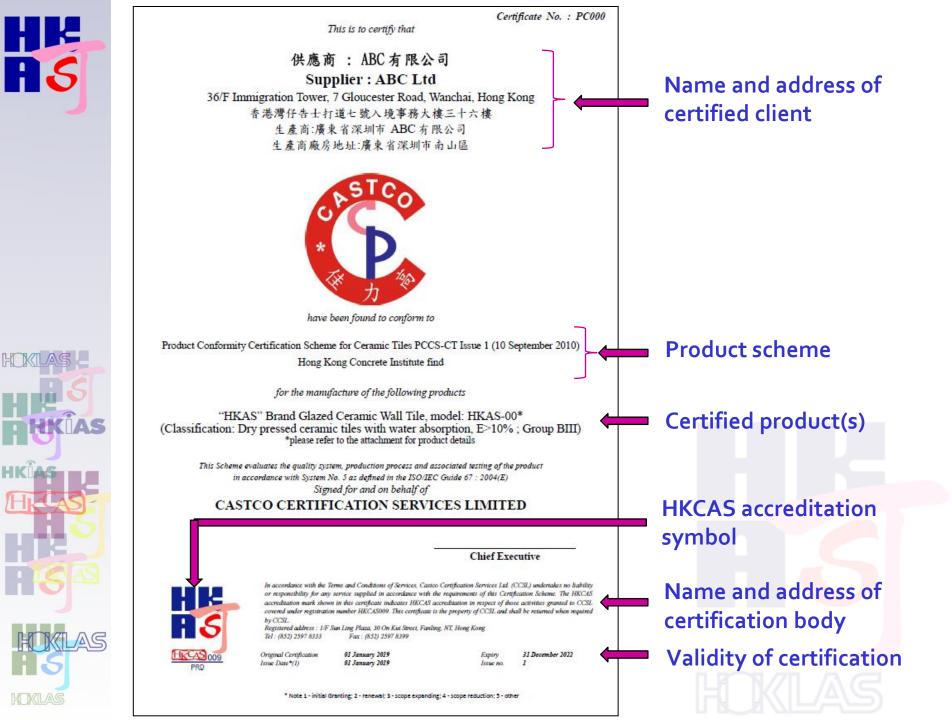
# Examples ...

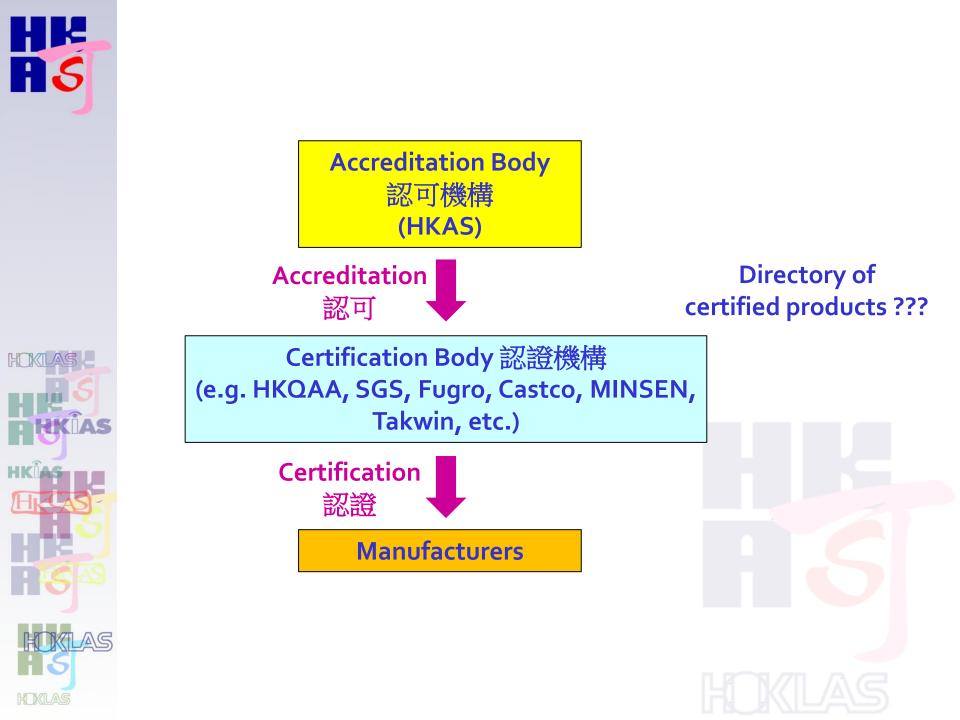












# Accreditation criteria 產品認證機構認可標準 ISO/IEC 17065:2012(E)

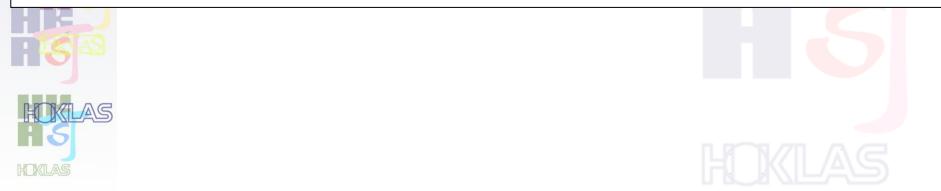
#### 7.8 Directory of certified products

The certification body shall maintain information on certified products which contains at least the following:

- a) identification of the product;
- b) the standard(s) and other normative document(s) to which conformity has been certified;
- c) identification of the client.

The parts of this information that need to be published or made available upon request in a directory (through publications, electronic media or other means) are stipulated by the relevant scheme(s). As a minimum, the certification body shall provide information, upon request, about the validity of a given certification.

NOTE Where the certification body provides the information to a scheme, the scheme directory would satisfy this requirement.





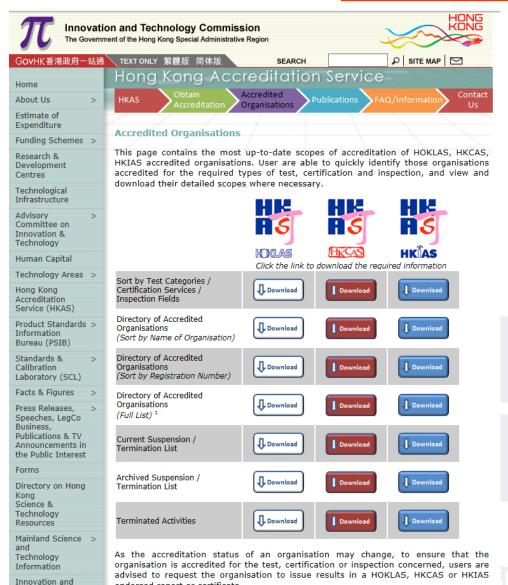
# How to find accredited certification body under HKCAS ???





## For More Information...

#### Please visit our website www.hkas.gov.hk



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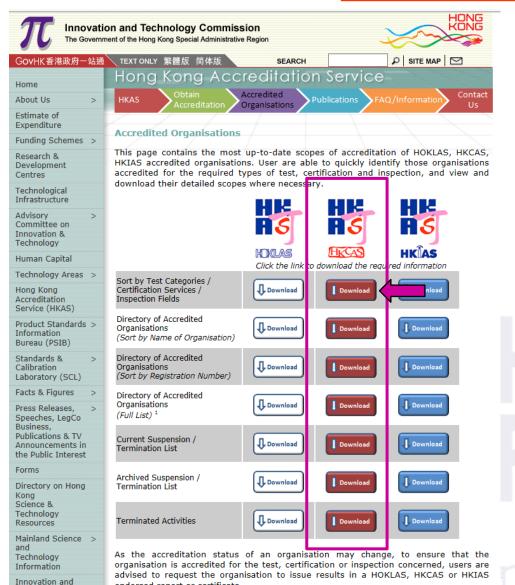
# Search by ..... Certification Services

HOKLAS



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#### Hong Kong Accreditation Service (HKAS) The Hong Kong Certification Body Accreditation Scheme (HKCAS) Index of Accredited Services

Accredited Services	Certification Body Reg. No.
System Certifications	Citillitativa Body Arg. 107
Quality Management System (QMS)	001, 002, 003, 004, 005, 006, 007, 009, 010, 011, 012
Quality Management System (QMS)	013, 017, 024, 027, 028
Environmental Management System (EMS)	001, 002, 003, 004, 005, 006, 007, 009, 010, 011, 01.
	017, 024, 027, 028
Food Safety Management System (FSMS)	001
Occupational Health and Safety Management	001, 003, 004, 005, 006, 007, 009, 010, 011, 012, 01
System (OHSMS)	017, 024, 027, 028
Residential Care Homes (Elderly Persons) Service	001, 025
Providers' Management System	
Energy Management System (EnMS)	001, 003, 004, 007, 011, 012, 013, 017, 024, 027
Product Certifications	
Construction Products	
Aggregates for Concrete	001
Aluminum window	009, 020
Cement	003, 009, 010, 012
Ceramic tile	009, 010
Fire doors and fire partitions	003,009, 010
Frictional hinges	020
Mechanical coupler	009
Mesh reinforcement	009, 012
Paint Products	009, 010
Ready mixed concrete	001, 009, 010
Repair Mortar	009, 010, 012
Replacement sands	009
Standard sands	009
Tile adhesives	001, 009, 010, 012
Water closet suites	009,010
UPVC pipes and fittings	012
Consumer Products	
Electrical and Electronic Products	015, 016, 018
Telecommunication Products	015, 019, 022
Textile and Leather Products	026
Composite Wood Products	022
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	editation Service (HKAS) 1 / of Accredited Services





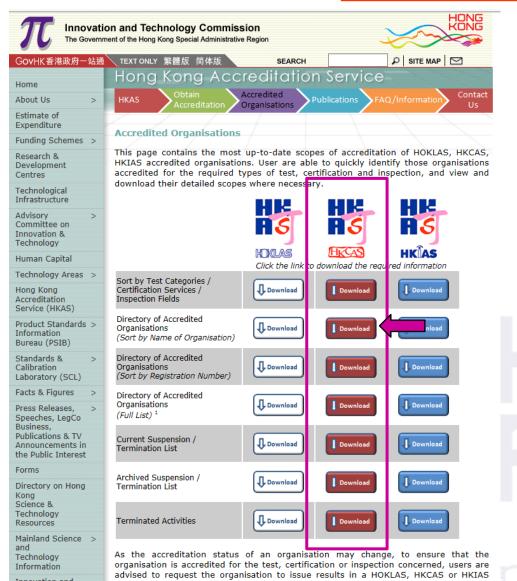
# Search by ..... Name of Certification Body





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## Hong Kong Accreditation Service (HKAS)

#### **HKCAS** Accredited Organisations and Scope of Accreditation

HKCAS Reg. No.	Name of Accredited Organisation	Certificate
011	Accredited Certification International Limited	Download
026	AsiaInspection Limited	Download
<u>004</u>	BSI Pacific Limited - Hong Kong Office	Download
006	Bureau Veritas Certification Hong Kong Limited	Download
009	Castco Certification Services Limited	Download
<u>013</u>	Certification Asia (HK) Limited	Download
<u>005</u>	DNV GL Business Assurance Limited	Download
<u>024</u>	DW Certification Limited	Download
<u>023</u>	Federation of Hong Kong Industries - Hong Kong Q-Mark Council	Download
<u>010</u>	Fugro Certification Services Limited	<b>Download</b>
027	Green Council Ltd Green Council Certification Scheme	<b>Download</b>
<u>025</u>	Hong Kong Association of Gerontology – Accreditation Division	Download
<u>017</u>	Hong Kong Certification Services International Limited	Download
<u>001</u>	Hong Kong Quality Assurance Agency	<u>Download</u>
<u>007</u>	Hong Kong Veritas Limited	<u>Download</u>
<u>015</u>	Intertek Testing Services Hong Kong Ltd.	<u>Download</u>
<u>002</u>	Lloyd's Register Quality Assurance Limited - LRQA Hong Kong	<b>Download</b>
012	MINSEN Certification (Asia) Limited [Known as SMEC Certification Company Limited before 13 Nov 2018]	Download
<u>003</u>	SGS Hong Kong Limited	<b>Download</b>
021	SGS Hong Kong Limited – Energy and Carbon Services	Download
<u>022</u>	SGS Hong Kong Limited - Product Certification	Download
<u>020</u>	Takwin (Hong Kong) Limited	<b>Download</b>
<u>018</u>	The Hong Kong Certification Centre Limited	Download
<u>019</u>	The Hong Kong Standards and Testing Centre Ltd.	Download
<u>016</u>	TÜV Rheinland Hong Kong Limited	Download
	No. of Accredited Organisations: 25	



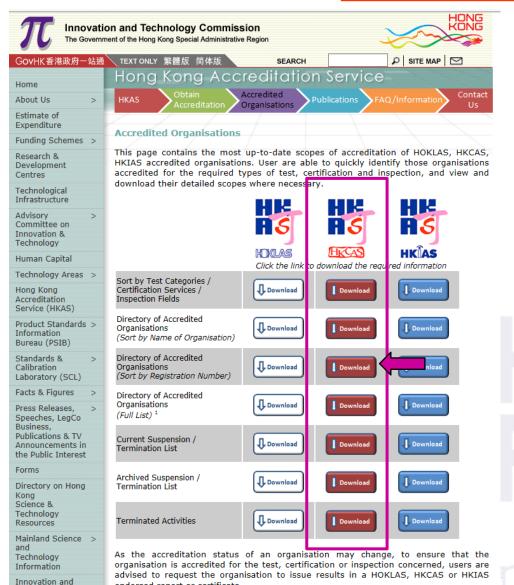
# Search by..... HKCAS Registration Number of Certification Body





## For More Information...

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#### Hong Kong Accreditation Service (HKAS)

#### HKCAS Accredited Organisations and Scope of Accreditation

HKCAS Reg. No.	Name of Accredited Organisation	Certifica
001	Hong Kong Quality Assurance Agency	Downloa
<u>002</u>	Lloyd's Register Quality Assurance Limited - LRQA Hong Kong	Downloa
<u>003</u>	SGS Hong Kong Limited	Downloa
<u>004</u>	BSI Pacific Limited - Hong Kong Office	Downloa
<u>005</u>	DNV GL Business Assurance Limited	Downloa
<u>006</u>	Bureau Veritas Certification Hong Kong Limited	Downloa
007	Hong Kong Veritas Limited	Downloa
009	Castco Certification Services Limited	Downloa
<u>010</u>	Fugro Certification Services Limited	Downloa
011	Accredited Certification International Limited	Downloa
<u>012</u>	MINSEN Certification (Asia) Limited [Known as SMEC Certification Company Limited before 13 Nov 2018]	Downlos
013	Certification Asia (HK) Limited	Downloa
015	Intertek Testing Services Hong Kong Ltd.	Downloa
<u>016</u>	TÜV Rheinland Hong Kong Limited	Downloa
<u>017</u>	Hong Kong Certification Services International Limited	Downloa
<u>018</u>	The Hong Kong Certification Centre Limited	Downloa
019	The Hong Kong Standards and Testing Centre Ltd.	Downloa
020	Takwin (Hong Kong) Limited	Downloa
<u>021</u>	SGS Hong Kong Limited – Energy and Carbon Services	Downloa
022	SGS Hong Kong Limited - Product Certification	Downloa
023	Federation of Hong Kong Industries - Hong Kong Q-Mark Council	Downloa
<u>024</u>	DW Certification Limited	Downloa
025	Hong Kong Association of Gerontology – Accreditation Division	Downloa
<u>026</u>	AsiaInspection Limited	Downloa
027	Green Council Ltd Green Council Certification Scheme	Downloa
	No. of Accredited Organisations: 25	



HOKLAS

Scope of Accreditation RegistrationNo. HKCAS 009 Page 4 of 7 Issue Date: 23 October 2019 Ref: HKCAS009-63

Castco Certification Services Limited

佳力高認證服務有限公司 1/F, Sun Ling Plaza, 30 On Kui Street, On Lok Tsuen, Fanling, N.T., Hong Kong 香港新界紛嶺安樂村安居街 30 號新寧中心 1 樓

Product certification (Type 5 certification scheme to ISO/IEC 17067: 2013)		
Scheme	Description	
PCCS-PFPP	Product certification for fire doors and fire partitions in accordance with	
	Hong Kong Institute of Steel Construction scheme PCCS-PFPP (2007)	
	"Product Conformity Certification Scheme for Passive Fire Protection Products"	
PCCS-TA	Product certification for cementitious a dhesives for tiles in a coordance with	
	Hong Kong Concrete Institute scheme PCCS-TAIssue 1 (2010)	
	"Product Conformity Certification Scheme for Tile Adhesives"	
	< excluding the following >	
	Cl. 5.4 – Reaction to Fire	
	Product certification for cementitious a dhesives for tiles in a ccordance with	
	Hong Kong Concrete Institute scheme PCCS-TA Issue 2 (2017)	
	"Product Conformity Certification Scheme for Tile Adhesives"	
PCCS-CT	Product certification for ceramic tiles in a ccordance with	
	Hong Kong Concrete Institute scheme PCCS-CTIssue 1 (2010)	
	"Product Conformity Certification Scheme for Ceramic Tiles"	
PCCS-AW	Product certification for Aluminium Windows in a coordance with	
	Hong Kong Institute of Steel Construction scheme PCCS-AW : Issue 1 (2011)	
	"Product Conformity Certification Scheme for Aluminium Windows"	
	< excluding the following>	
	Manufacturing & installation of window glass and the associated tests in	
	Clauses 5 & 6 of the PCCS-AW (Part 2: Technical Regulations)	
PCCS-WC	Product certification for close-coupled water closet suites in a ccordance with	
	Hong Kong Institution of Plumbing & Drainage scheme PCCS-WC: Issue0 (2013	
	"Product Conformity Certification Scheme for Close-coupled Water Closet Suites	
	with 6 litre Flushing Capacity"	



Scope of Accreditation RegistrationNo. HKCAS 009 Page 5 of 7 Issue Date: 23 October 2019 Ref: HKCAS009-63

Castco Certification Services Limited

佳力高認證服務有限公司 1/F, Sun Ling Plaza, 30 On Kui Street, On Lok Tsuen, Fanling, N.T., Hong Kong 香港新界粉嶺安樂村安居街 30 號新寧中心 1樓

Product certification (Type 5 certification scheme to ISO/IEC 17067: 2013)		
Scheme	Description	
PCCS-RM	Product certification for repair mortars in a coordance with	
	Hong Kong Concrete Institute scheme PCCS-RMIssue 1 (2010)	
	"Product Conformity Certification Scheme for Repair Mortars"	
	Product certification for repair mortars in a coordance with	
	Hong Kong Concrete Institute scheme PCCS-RM Issue 2 (2017)	
	"Product Conformity Certification Scheme for Repair Mortars"	
PCCS-CP	Product certification for Portland Cement (CEMI) in a ccordance with	
	Hong Kong Concrete Institute scheme PCCS-CP Issue 1 (2010) with	
	Con. No. 1/2010	
	"Product Conformity Certification Scheme for Cement Products"	
QSPSC	Product certification for ready mixed concrete in a coordance with	
	Hong Kong Quality Assurance Agency scheme QSPSC Issue 8 (2014)	
	"Quality Scheme for the Production and Supply of Concrete"	
QS/MC	Product certification for mechanical couplers in a coordance with	
	Castco Certification Services Limited Scheme QS/MC Issue 2 (2015)	
	"Quality Product Certification Scheme for Mechanical Couplers"	
PCCS-MR	Product certification for mesh reinforcements in a coordance with	
	Hong Kong Concrete Institute scheme PCCS-MR Issue 1 (2013)	
	"Product Conformity Certification Scheme for Mesh Reinforcements"	
	1	

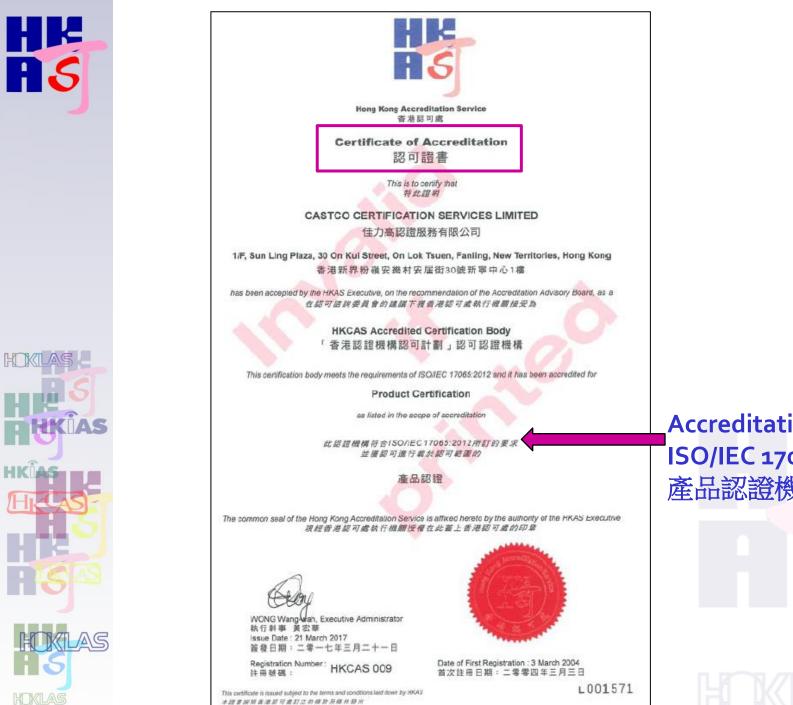




#### Hong Kong Accreditation Service (HKAS)

#### HKCAS Accredited Organisations and Scope of Accreditation

HKCAS Reg. No.	Name of Accredited Organisation	Certificate
001	Hong Kong Quality Assurance Agency	Download
002	Lloyd's Register Quality Assurance Limited - LRQA Hong Kong	Download
003	SGS Hong Kong Limited	Download
004	BSI Pacific Limited - Hong Kong Office	Download
005	DNV GL Business Assurance Limited	Download
006	Bureau Veritas Certification Hong Kong Limited	Download
007	Hong Kong Veritas Limited	Download
009	Castco Certification Services Limited	Downlos
<u>010</u>	Fugro Certification Services Limited	Download
<u>011</u>	Accredited Certification International Limited	Download
<u>012</u>	MINSEN Certification (Asia) Limited [Known as SMEC Certification Company Limited before 13 Nov 2018]	Download
<u>013</u>	Certification Asia (HK) Limited	<u>Download</u>
<u>015</u>	Intertek Testing Services Hong Kong Ltd.	<u>Download</u>
<u>016</u>	TÜV Rheinland Hong Kong Limited	Download
<u>017</u>	Hong Kong Certification Services International Limited	Download
<u>018</u>	The Hong Kong Certification Centre Limited	Download
<u>019</u>	The Hong Kong Standards and Testing Centre Ltd.	<u>Download</u>
020	Takwin (Hong Kong) Limited	Download
<u>021</u>	SGS Hong Kong Limited – Energy and Carbon Services	Download
022	SGS Hong Kong Limited - Product Certification	Download
<u>023</u>	Federation of Hong Kong Industries - Hong Kong Q-Mark Council	<u>Download</u>
<u>024</u>	DW Certification Limited	Download
<u>025</u>	Hong Kong Association of Gerontology – Accreditation Division	Download
<u>026</u>	AsiaInspection Limited	Download
027	Green Council Ltd Green Council Certification Scheme	Download



Accreditation criteria ISO/IEC 17065:2012 產品認證機構認可標準



## How to Identify the Accredited/ Endorsed Report/Certificate?



HUKL/A

# **Endorsed Reports and Accredited Certificates**

- Unless otherwise approved and specified, only results of accredited activities can be shown in endorsed reports and accredited certificates
- The competence of the accredited activities has been assessed → the reliability of results in endorsed reports and certificates can be assured



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# The construction products shall be certified by an accredited certification body under HKCAS.

# Not adequate !!!

Certification activities shall be accredited by HKAS [Endorsed certificates]



#### Scope of accreditation (can be found via HKAS website)



SGS Hong Kong Limited

香港通用檢測認證有限公司 17/F, The Octagon, No. 6 Sha Tsui Road, Tsuen Wan, New Territories, Hong Kong

**省 芯析乔全湾沙咀逗六流嘉连滚球甲心十七楼** 

Product certification (Type 5 certification scheme to ISO/IEC 17067: 2013)	
Scheme	Description
PCCS-CP	Product certification for Portland Cement (CEMI) in a ccordance with Hong Kong Concrete Institute scheme PCCS-CPIssue 1 (2010) with Corr. No. 1/2010 "Product Conformity Certification Scheme for Cement Products"
PCCS-PFPP	Product certification for fire doors and fire partitions in a ccordance with Hong Kong Institute of Steel Construction scheme PCCS-PFPP (2007) "Product Conformity Certification Scheme for Passive Fire Protection Products"
	Accredited certification activities

Description of certification activities

- a. Evaluation by initial audit of the client's management system and production process, and testing of one or more representative samples of products from the factory.
- b. Licensing by issuing a certificate of conformity and granting the right to use the mark of conformity.
- c. Surveillance at periodic interval by audit of the client's management system and production process, and testing of one or more representative samples of products from the factory.
- d. Re-evaluation at three years interval.



Scope of Accreditation

Ref: HKCAS003-57

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RegistrationNo. HKCAS 003

Issue Date: 15 September 2018

Scope of Accreditation RegistrationNo. HKCAS 123 Page 6 of 8 Issue Date: 15 September 2018 Ref: HKCAS123-05

#### ABC Certification Limited

	Scheme	Description
	PCCS-CP	Product certification for Portland Cement (CEM I) in a ccordance with Hong Kong Concrete Institute scheme PCCS-CPIssue 1 (2010) with Corr. No. 1/2010 "Product Conformity Certification Scheme for Cement Products"
		Accredited certification activities
Ī	Description of	certification activities
a		by initial audit of the client's management system and production process, an ne or more representative samples of products from the factory.
b	o. Licensing conformity	by issuing a certificate of conformity and granting the right to use the mark o
c		e at periodic interval by audit of the client's management system and productio adtesting of one or more representative samples of products from the factory.



accredited certification bodies under HKCAS  $\neq$  Endorsed certificates



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# **BEAM Plus** New Buildings

Version 2.0 (09.2019)

# MW 4 Design for Durability and Resilience

#### Assessment (a) Building Components Selection Appraisal

- Conduct an appraisal report demonstrating a proactive approach to explain the details in building material selection with suitable durability that minimises the necessary refurbishment or renewal and prevents excessive material use.
- 2. The report should cover at least 3 items of the following:
  - 2.1 Timber doorsets (fire rated doors)
  - 2.2 Panel wall for partitions
  - 2.3 Cement products (for architectural uses)
  - 2.4 Tile adhesives
  - 2.5 Ceramic tiles (floor tiles and wall tiles)
  - 2.6 Aluminium windows
  - 2.7 Heat soaked tempered glass
  - 2.8 Drainage uPVC pipe and fittings
  - 2.9 Other items may be proposed at discretion of the applicant





# **BEAM Plus** New Buildings

Version 2.0 (09.2019)

# MW 4 Design for Durability and Resilience

3. The building material shall be certified to a specified product certification scheme by a certification body with accreditation of Hong Kong Accreditation Service (HKAS) and issued with an accredited certificate bearing a Hong Kong Certification Body Accreditation Scheme (HKCAS) accreditation symbol or a statement on the certificate.









