



Castco Testing Centre Ltd.
佳力高試驗中心有限公司

ADDRESS : 1/F, Sun Ling Plaza, 30 On Kui Street, On Lok Tsuen, Fanling, New Territories,
地址 Hong Kong
香港新界粉嶺安樂村安居街 30 號新寧中心 1 樓

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CLIENTELE : Public
服務對象 公眾



Scope of Accreditation
Registration No. HKIAS 007
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TYPE OF INSPECTION BODY
檢驗機構類別

: A : Provides 'third party' inspection service to the public
向公眾提供「第三方」檢驗服務

**ACCREDITED INSPECTION
FIELDS**
認可檢驗領域

: Construction Products 建築產品
Indoor Air Quality Inspection 室內空氣質素檢驗

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Construction Products 建築產品		
ITEM INSPECTED 檢驗項目	SPECIFIC PROPERTY OR CHARACTERISTIC INSPECTED 特定檢驗特性或特徵	SPECIFICATION, INSPECTION METHOD OR STANDARD 規範、檢驗方法或標準
Paint	Inspection of painting procedures for structural steel works	Architectural Services Department General Specification (2007) Cl. 15.61-15.65, 21.42-21.46, 21.53-21.57
Waterworks Products		
- Cast iron pipes & fittings	Inspection of testing, lining, dimensional checks, material properties, coating, marking and handling	BS 143 & BS 1256: 2000 BS EN 877: 1999 JIS B2301: 2004 Water Supplies Department Particular Specification App. 23.10 Water Supplies Department Particular Specification App. 23.12
- Ductile iron pipes & fitting	Inspection of testing, lining, dimensional checks, material properties, coating marking and handling	BS 4772: 1988 BS EN 545: 1995 BS EN 545: 2002 BS EN 598: 1995 Water Supplies Department Particular Specification App. 23.03
- Fire hydrants (Pedestal and swan neck)	Inspection of testing, dimensional check material properties, coating, marking and handling	BS5041: Part 1: 1987 Water Supplies Department Particular Specification App. 23.06
- Manhole cover (with coating)	Inspection of testing, dimensional check, material properties, coating, marking and handling	BS EN 124: 1994 (excluding Cl. 5 and 10) Water Supplies Department Particular Specification App. 23.14
- PE pipes & fittings	Inspection of testing, dimensional check material properties, coating, marking and handling	ISO 4427: 1996 ISO 14236: 2000 JIS K6762: 2004 Water Industry Specification 4-24-01 (Jul 1998) Water Industry Specification 4-32-14 (Mar 1995) Water Industry Specification 4-32-15 (Mar 1995) Water Industry Specification 4-52-01 (Dec 1992) Water Supplies Department Particular Specification App. 23.09

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Waterworks Products (cont'd)		
- Steel pipes/tubes and fitting	Inspection of testing, lining, dimensional checks, material properties, coating, marking and handling	BS 534: 1990 BS 1387: 1985 BS EN 10241: 2000 Water Supplies Department Particular Specification App. 23.12 Water Supplies Department Particular Specification App. 23.02
- Surface box	Inspection of testing, dimensional check, material properties, coating, marking, and handling	BS 5834: Part 2: 1983 (exclude Cl. 4) Water Supplies Department Particular Specification App. 23.13
- Valves & fittings	Inspection of testing, dimensional check, material properties, coating, marking and handling	BS 5146: Part 2: 1984 BS 5150: 1990 BS 5153: 1974 BS 5154: 1991 BS 5155: 1984 BS 5156: 1985 BS 5163: 1986 BS 6755: Part 1: 1986 EN 1074-1: 2000 EN 1074-2: 2000 Water Supplies Department Particular Specification App. 23.04 Water Supplies Department Particular Specification App. 23.05 Water Supplies Department Particular Specification App. 23.11

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Welding inspection	Inspection of welding procedure (MMAW, TIG, MIG, MAG, FCAW, SAW) Inspection of welder testing (MMAW, TIG, MIG, MAG, FCAW, SAW) Inspection of metal arc welding of steel for concrete reinforcement	EN ISO 15613: 2004 EN ISO 15614-1: 2004 + A1: 2008 + A2: 2012 EN ISO 15614-1: 2017 + A1: 2019 BS EN 287-1: 2004 BS EN 287-1: 2011 BS EN ISO 9606-1: 2017 BS 7123: 1989 + Amd. 7128

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Indoor Air Quality Inspection 室內空氣質素檢驗		
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Indoor Air Quality	On-site measurement of :	A Guide on Indoor Air Quality Certification Scheme for Offices and Public Places, The Government of the HKSAR, Indoor Air Quality Management Group, January 2019
	- Carbon Dioxide	Annex 4 (a), as documented in INS-IAQ-SOP04-CO2 (Non-dispersive infrared NDIR)
	- Carbon Monoxide	Annex 4 (a), as documented in INS-IAQ-SOP05-CO (Electrochemical sensor)
	- Respirable Suspended Particulate	Annex 4 (f), as documented in INS-IAQ-SOP06-RSP (Light scattering laser diode)
	- Ozone	Annex 4 (e), as documented in INS-IAQ-SOP07-O3 (Gas sensitive semiconductor sensor)
	- Total Volatile Organic Compounds	Annex 4 (g), as documented in INS-IAQ-SOP08-TVOC (Photo-ionization sensor)
	- Radon	Annex 4 (b), as documented in INS-IAQ-SOP09-RN (Electrostatic collection of alpha-emitters with spectral analysis)
	- Nitrogen Dioxide	Annex 4 (d), as documented in INS-IAQ-SOP10-NO2(R) (Gas Sensitive Electrochemical sensor)
	- Formaldehyde	Annex 4 (c), as documented in INS-IAQ-SOP11-HCHO(R) (Gas sensitive electrochemical detector)
	On-site sampling of :	
	- Nitrogen Dioxide	Annex 4 (d), as documented in INS-IAQ-SOP10-NO2 (Passive sampler)
	- Formaldehyde	Annex 4 (c), as documented in INS-IAQ-SOP11-HCHO (Passive sampler)
	- Airborne Bacteria	Annex 4 (h), as documented in INS-IAQ-SOP12-ABC (Single stage impactor)
	Walkthrough Inspection	Clauses 13 to 14
Mould Inspection	Clause 20	
IAQ Compliance Assessment	Clauses 16 to 19 and Clause 21 to 40	