



**Fugro Technical Services Limited**  
**輝固技術服務有限公司**

**ADDRESS** : 5 Lok Yi Street, Tai Lam, Tuen Mun, New Territories, N T,  
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香港新界屯門大欖樂怡街五號輝固發展中心

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**CLIENTELE** : Public  
服務對象 公眾



Scope of Accreditation  
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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  
FIELD**  
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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<b>Construction Products 建築產品</b>		
ITEM INSPECTED 檢驗項目	SPECIFIC PROPERTY OR CHARACTERISTIC INSPECTED 特定檢驗特性或特徵	SPECIFIC INSPECTION METHOD OR STANDARD 特定檢驗方法或標準
Waterworks Products		
PE pipes & fittings	Inspection of testing, dimensional check, material properties, coating, marking and handling	WSD (PS): App. 23.09 ISO 4427: 1996 ISO 14236: 2000 JIS K6762: 2004 WIS 4-24-01 WIS 4-32-14 WIS 4-32-15 WIS 4-52-01
Valves & fittings	Inspection of testing, dimensional check, material properties, coating, marking and handling	WSD(PS): App. 23.04 WSD(PS): App. 23.05 WSD(PS): App. 23.11 BS 5150: 1990 BS 5163: 1986 BS 6755-1: 1986 BS5153: 1974 BS 5155: 1984 BS 5154: 1991 BS 5156: 1985 BS 5146-2: 1984 EN 1074-1 and 2: 2000



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Welding Inspection	Inspection/approval of welding procedures (MMAW, TIG, MIG, MAG, FCAW, SAW)	BS EN ISO 15609-1: 2004 <i>in conjunction with one of the following inspection methods</i> BS 4870: Part 1: 1981 + Amd. 6293: 1990 BS EN 288: Part 3: 1992 + Amd. 9736: 1997 + Amd. 10026 Corr. No. 1: 1998 BS EN 288: Part 8: 1995 BS EN ISO 15613: 2004 BS EN ISO 15614-1: 2004 + A1: 2008 BS EN ISO 15614-1: 2004 + A2: 2012
	Inspection/approval of welders testing (MMAW, TIG, MIG, MAG, FCAW, SAW)	BS 4871: Part 1: 1982 + Amd. 5697: 1987 BS 4872: Part 1: 1982 + Amd. 4640: 1984 BS EN 287: Part 1: 1992 + Amd. 9665: 1997 + Amd. 10009 Corr. No. 1: 1998 BS EN 287: Part 1: 2004 BS EN 287: Part 1: 2011 BS EN ISO 9606-1: 2013
	Inspection/approval of metal arc welding of steel for concrete reinforcement	BS 7123: 1989
	Inspection/approval of metal arc welding of reinforcing steel for load-bearing welded joints	BS EN ISO 17660-1: 2006



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<b>Indoor Air Quality Inspection 室內空氣質素檢驗</b>		
ITEM INSPECTED 檢驗項目	SPECIFIC PROPERTY OR CHARACTERISTIC INSPECTED 特定檢驗特性或特徵	SPECIFIC INSPECTION METHOD OR STANDARD 特定檢驗方法或標準
Indoor Air Quality Inspection	On-site measurement of :	
	- Temperature	In-house Method E-I-002 (Temperature sensor; thermistor)
	- Relative Humidity	In-house Method E-I-002 (Humidity sensor capacitive measurement principle)
	- Air Movement	In-house Method E-I-002 (Hot wire velocity probe)
	- Carbon Dioxide	In-house Method E-I-002 (Non-dispersive infrared NDIR)
	- Carbon Monoxide	In-house Method E-I-002 (Electrochemical sensor)
	- Respirable Suspended Particulate	In-house Method E-I-001 (Light scattering laser diode)
	- Total Volatile Organic Compound	In-house Method E-I-003 (Photo-ionization sensor)
	- Radon	In-house Method E-I-005 (Electrostatic collection of alpha-emitters with spectral analysis)
	- Ozone	In-house Method E-I-004 (Electrochemical sensor)
	On-site sampling of	
	- Airborne Bacteria	In-house Method E-I-006 (Centrifugal sampler)
	- Formaldehyde	In-house Method E-I-007 (Passive sampler)
- Nitrogen Dioxide	In-house Method E-I-008 (Passive sampler)	
Walkthrough Inspection	A Guide on Indoor Air Quality Certification Scheme HKSAR Government Indoor Air Quality Group Cl. 11	
IAQ Compliance Assessment	A Guide on Indoor Air Quality Certification Scheme HKSAR Government Indoor Air Quality Group Cl. 13 to Cl. 28	