



工程指示 / 要求簡箋 ENGINEER INSTRUCTIONS(E.I.)

工程指示編號:	EI- 4545	修改版本:	-
	HK-		
工程編號:	J 857	工程名稱:	啟德6552
收件人:	林哥	發件人:	Yancy Chen
工程項目:	幕牆單元件-玻璃黏合性測試	日期:	06/04/2022

<input checked="" type="checkbox"/> 原合約工程包	<input type="checkbox"/> 原合約工程加 / 減賬 QT-	<input type="checkbox"/> 新工程報價 QT-
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信件批核號碼/圖紙參考編號: BD 3/4056/19	批核模具圖紙編號:
客戶指示附件:	管理內部批簽署:

<input type="checkbox"/> 初步鋁料 B.M.	<input type="checkbox"/> 加工拆圖, 然後生產	<input type="checkbox"/> 尺寸表
<input type="checkbox"/> 正式鋁料 B.M.	<input type="checkbox"/> 技術上資料/指示	<input type="checkbox"/> 報價
<input type="checkbox"/> 配件 B.M.	<input checked="" type="checkbox"/> 樣辦或貨品說明書	<input type="checkbox"/> 分判合約
<input type="checkbox"/> 其他:		

內容: 請按附件列表, 把樣板送到太平洋公司(Dow Corning香港代理商). 聯係人: Keith Tsang (曾先生) 電話: (852)3107 8134或6078 9503. 測試報告名稱: Kai Tak Area 4C Site 2, Kai Tak, Kowloon - N.K.I.L. 6552. (Superstructure - Curtain Wall) 玻璃樣板300X300: 1)GL1, 2)GL2, 3)GL3, 4)GL4, 5)GB. 附: 以上玻璃樣板各1件, 共5件 及 封面1頁, 附件2頁. 共3頁.
完成上列要求日期: 08/04/2022

國內

<input type="checkbox"/> 生產技術總監	<input type="checkbox"/> 連附件	<input type="checkbox"/> 技術部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 生產部	<input type="checkbox"/> 連附件
<input type="checkbox"/> 採購部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 生產統籌部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 報關組	<input type="checkbox"/> 連附件
<input type="checkbox"/> 質檢部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 會計部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 機械設計部	<input type="checkbox"/> 連附件
<input type="checkbox"/> 其他:					

香港

<input type="checkbox"/> 行政部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 會計部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 統籌部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 工程部	<input type="checkbox"/> 連附件
<input type="checkbox"/> 採購部	<input type="checkbox"/> 連附件	<input type="checkbox"/> QS部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 地盤管理	<input type="checkbox"/> 連附件	<input type="checkbox"/> 維修部	<input type="checkbox"/> 連附件

*發件人簽署:	*組別成員批核簽署:
傳遞編號:	項目經理簽署:

16. DEFLECTION LIMIT

- GLASS WITH 4-SIDE SUPPORT
- ALUM MULLION & TRANSOM

SPAN/60
SPAN/180 OR 2

10. GLASS

- ALL GLASS TO BE COMPLYING WITH CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.
- ALLOWABLE DEFLECTION : SHORT SIDE SPAN / 60
ULTIMATE DESIGN STRENGTH FOR FULLY TEMPERED GLASS=80MPa (SHORT TERM)
ULTIMATE DESIGN STRENGTH FOR HEAT STRENGTHENED GLASS=40MPa (SHORT TERM)
DENSITY OF GLASS = 28kN/M³
MODULUS OF ELASTICITY = 70000 N/mm²
STRENGTH REDUCTION FACTOR=1.0, GLASS SURFACE TREATMENT REDUCTION FACTOR=1.0

GLASS TYPE	GLASS SIZE	SPAN DIRECTION
GL1	(OUTER) 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS	
GL2	(OUTER) 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS	
GL3	(OUTER) 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS	
GL4	(OUTER) 8mm FULLY TEMPERED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS	
GB	10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)	

- 100% HEAT SOAK TEST SHALL BE REQUIRED FOR ALL FULLY TEMPERED GLASS. HEAT SOAKED TESTING METHOD WITH PROCEDURE TO BE BASED ON BS:EN-14179-1:2016 (PNAP APP37 SPECIFIED).
- IMPACT TEST SHALL BE CARRIED OUT IN ACCORDANCE WITH BS EN 12600:2002. MATERIAL OF GLASS TO BE IN ACCORDANCE WITH QUALITIES SPECIFIED TO BS 952:1 1995 & BS 952:2 1980.
- NO COMPOSITE ACTION IS CONSIDERED.

WITH CODE OF PRACTICE ON WIND

GN WIND D (kPa)	HEIGHT ABOVE SITE GROUND LEVEL
OR -4.03 OR -1.4	H=105m
(CP=±2.0)	

BUILDING (CONSTRUCTION)
OR DEAD AND IMPOSED LOADS 2011
ON FLOOR
LIED ON INFILL BETWEEN
ANY PART OF THE INFILL
SKIN FOR AREAS WHERE
ED.
ERED.

ON & TRANSOM AT DESIGN
AX, 20mm.
FROM AT DEAD LOAD SHALL
DESIGN WIND LOAD SHALL
PANELS
FULL DESIGN WIND LOAD
ALL NOT EXCEED L/120 OR 20mm

SE S275 (JO) TO BS EN 10025:2004, ALL STEEL
0-1: 2006 AND CLASS 1 TO C.O.P. FOR THE

OR 16mm<THICKNESS<=40mm (S275)(JO)/(JOH)
GLASS'S MODULES 205,000 MPa
DENSITY 78.5 kN/m³
STRENGTH 265 MPa



YOUR REF 來函檔號 :
OUR REF 本署檔號 : **BD 3/4056/19 Pt.IV**
FAX 圖文傳真 : **2845 1660**
TEL 電話 : **3106 3173**
WEBSITE 網址 : www.bd.gov.hk

4 February 2022

CHAN Bong Kwok
11/F, Universal Trade Centre,
3-5A Arbuthnot Road,
Central, Hong Kong

33/198

Dear Sir,

Kai Tak Area 4C Site 2, Kai Tak, Kowloon -
N.K.I.L. 6552

I refer to your application dated received on 07 January 2022 for approval of proposals in respect of Superstructure – Curtain Wall (Amendment) and the application for consent to the commencement and carrying out of the above building works.

2. Your submission of plans has been checked under the curtailed check system announced in Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers ADM-19. On this basis, I am satisfied that your submission is fundamentally acceptable and may be approved.

3. You are reminded that the curtailed check system covers only the fundamental issues of a building proposal. Although non-fundamental issues will not be raised as reasons for disapproving a submission, I expect that all contraventions of the Buildings Ordinance and its subsidiary legislation are rectified as and when they are discovered and in any event, before completion of the works is certified. In this connection, I ask you to note that the Building Authority attaches great importance to the proper assumption of duties and responsibilities by authorized persons and registered structural engineers.

4. In accordance with the provisions of regulation 30(1) of the Building (Administration) Regulations, this is to notify that the above - mentioned plans submitted with your application dated received on 07 January 2022 are hereby approved. One set of the said plans, on which I have signified my approval, is enclosed. Your client has been sent a copy of this letter but I would request that you ensure that the contents are understood by him.

5. This approval should not be deemed to confer any title to land or to act as a waiver of any term in any lease or licence. Section 14(2) of the Buildings Ordinance refers.

6. Consent to the commencement and carrying out of the above Superstructure - Curtain Wall (Amendment) is given in the Form BD103 enclosed. You are reminded to ensure that the plans now approved are compatible with all previously approved plans, any conditions imposed are fulfilled and no works are carried out before all required plans have been approved and consent given. Your attention is drawn to paragraph 10 of Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers APP-97.

/7.

S.L.9A (11/2009)