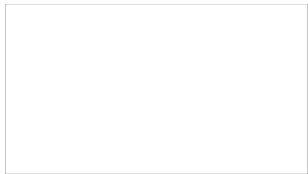


Outlining The Challenges And Learning From Best Practices Of Implementing Compliance.

The new mark
of Certification



THOMAS BELL-WRIGHT



Abhishek Chhabra

Market Development Manager

Thomas Bell-Wright International Consultants

Abhishek Chhabra has an engineering degree and a post graduate in finance. He has been advocating the need for testing, inspections and certifications for improved safety and quality in various industries for most of the last 16 years. Along with helping certification bodies expand their horizon of business in the last decade, he has also been writing articles and presenting at various forums about mandatory and voluntary quality and safety compliances. He is responsible for the company's Fire Compliance Business and Thomas Bell-Wright, a Dubai-based, multi-accredited, privately held firm providing independent Testing, Inspection and Certification (TIC) services. The company was established in the region in 1995 to help the construction industry achieve quality and safety complianc

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Learning Objectives

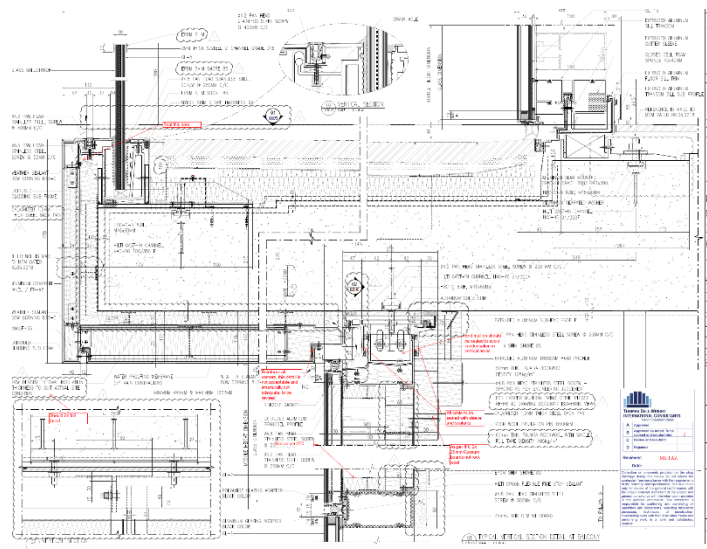
1. *Understanding flow contractual liability & responsibility*
2. *Learning about conformity methodology for Cladding/ Facades*
3. *Realizing the tools used to implement conformity*

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From the Architect to the Engineer to the Contractor



joyreactor.cc



Money Flow

تدفق الاموال

Recognition

التعرف على

المطور

Developer

الاستشاري

Consultant

Architects

المهندسين المعماريين

موردي المواد

Material Suppliers

المقاول

Contractors



Fire Safety Duties : Sight to Site

Correct Specifications
Clear Performance
Constraints



Consultant and Contractor

Speed
Accuracy
Assurance



Design

Engineer

Build

Architect and
Consultant



Material Requirements
System Behaviour



Contractor and Material
Supplier



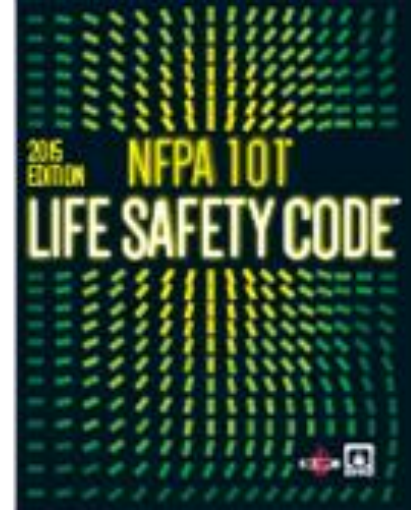
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Implementation Of Fire Safety

تطبيق السلامة من الحرائق





CORPORATE PROPERTIES OF THE AMERICAS

BUILDING SPECIFICATIONS (Especificaciones de Edificio)

April, 2009

SPECIFICATIONS

SHELL BUILDING

1.00.00 SITE WORK

1.01.00 SITE TRACE AND LEVELING

Description:

- Performed by survey crew, specialists in this field, grading instruments supported by laser equipment. These works include tracing the areas and guiding the earthworks crew in order to meet the project grades for every area considered in the scope of works (Warehouse slabs, guard house, substation pad, sidewalks, power meter booth, dock yard, parking and driveways). This will be in accordance to an approved grading plan.

1.02.00 SITE CLEARING

Description:

- Performed with machinery (bulldozer and grader) over the property in order to remove the organic topsoil. This procedure also considers the natural ground ripping

Decree No. (505) of 2012

Decree No. (24) of 2012 concerning Regulating Civil Engineering in the State

to Friend

issued

2

Division No.




Codes



Accreditation



Standards



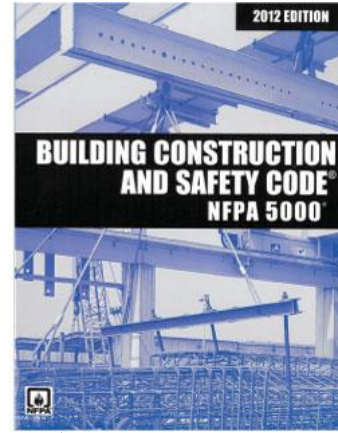
Employer: Mr Walker
Project Address: 27A High Street South. DH1 7PP
Project name: 27A High Street South

H2 Board and sheet external cladding and soffits

System Outline

102 Wood weatherboarding

- Drawing references: Proj-12345-007 and Proj-12345-007.
- Breather membrane: As clause 336.
- Battens and counterbattens:
 - Counterbattens: Timber: Regularized softwood free from decay and insect attack and with



Approval of Cladding System



Risk Assessment

Fire Consultant | Façade Specialist | Contractor

Inspection

Assembly
test or tests

Material
Reaction to
Fire Tests

Certification
& Listing



Ignitability



Combustibility



Calorific Value



Flame Spread, Smoke



Assembly



Reaction to Fire

درجة الاشتعال



Ignitability

القابلية للاحتراق



Combustibility

Reaction to Fire

القيمة الحرارية



Calorific Value

انتشار اللهب،
الدخان



Flame Spread,
Smoke

Single Flame Source



Calorimeter



Non-Combustibility Test



Ignition
Temperature of
Plastics

Flame Spread,
Smoke Developed



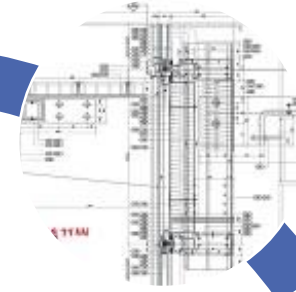
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مراجعة المخططات
وعملية الانتاج



Review of
Drawings and
production
process

الاختبار



Testing



Certification
&
Listing



Factory
Inspections

تفتيش المصنع



Certification

اصدار الشهادة





Home Our Website Contact Us

Certification Listing

Search results for your query:

Certificate Number			Test
TBW0300119.1	Interplast Company Limited	Alupex FR Aluminium Composite Panel Non-loadbearing Exterior Wall Cladding System	NFPA 285
TBW0300120.1	Eival Colour SA	etalabond® FR 4.0 mm thick Aluminium Composite Panel Non-Loadbearing Exterior Wall Cladding System	NFPA 285
TBW0300129.2	Eurocon Building Industries FZE (a subsidiary)	Alubond usa FR Euroclass B 4.3 mm thick Aluminium Composite Panel Non-Loadbearing Exterior Wall Cladding System	NFPA 285
TBW0300137.1	Alubond Turkey Alüminyum Kompozit Panel San.	Alubond U.S.A. FR-A2® 4.0 mm thick Aluminium Composite Material Non-Load-Bearing Exterior Wall Cladding Assembly	NFPA 285

Scheme	Description
1	Fire Doors and Hardware
2	Fire Rated Separating Constructions
3	Exterior Wall Assemblies, Claddings, Curtain Walls, Building Materials, Products & Assemblies
4	Wood Fire Doors Constructed by Core Suppliers' Licensees

Certification Mark

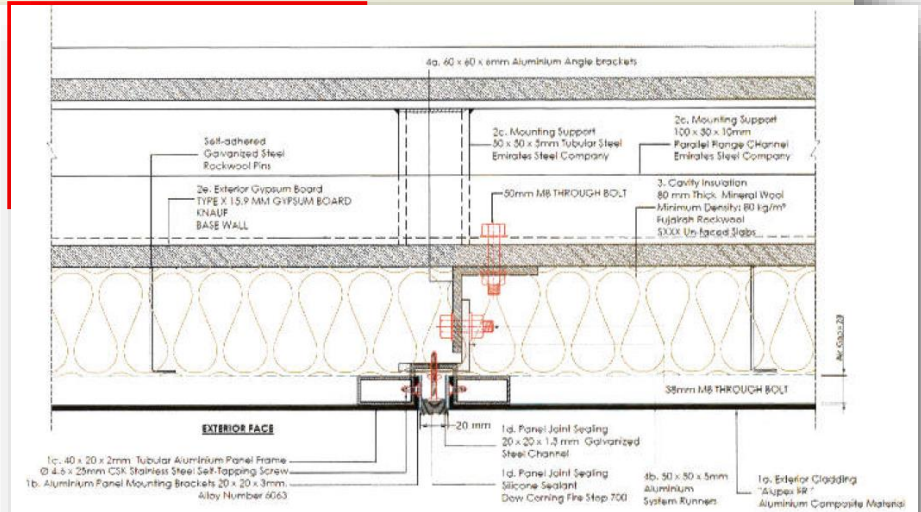


Figure 3. "Alupex FR" non-load-bearing exterior wall cladding Horizontal section details

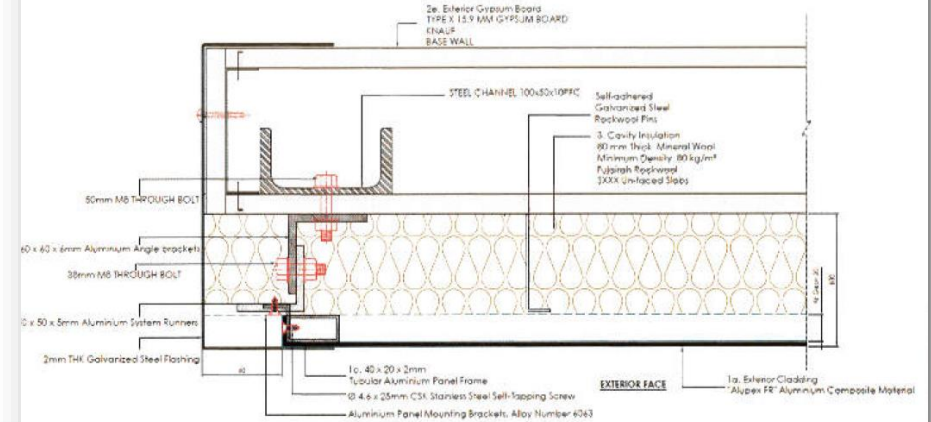


Figure 4. "Alupex FR" non-load-bearing exterior wall cladding window side flashing details

Certificate number: TBW0300119.1

Page 5 of 9

Certification Manager
Nick Purcell

Seal number: 100166

Issued: 21 Feb. 2017
Valid to: 30 May. 2019

Construction

مراجعة
المخططات



Review of
Drawings



ANTS
T +971 (0) 4 3-
Risk
Assessment
Planning
Tests

تقييم المخاطر
اختبارات التخطيط

Customized
testing &
Inspections

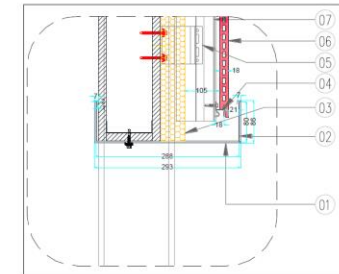
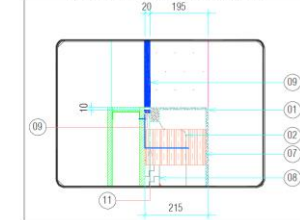
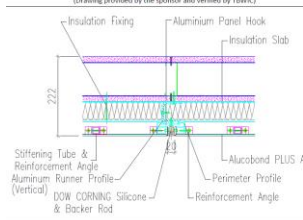
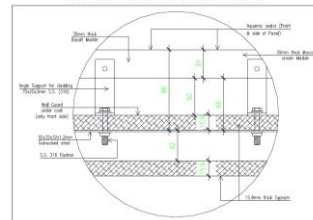
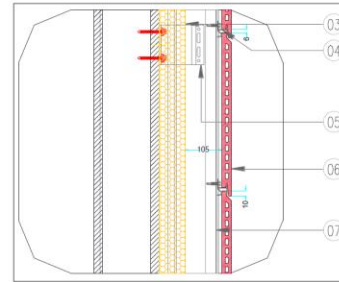
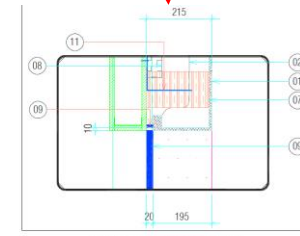
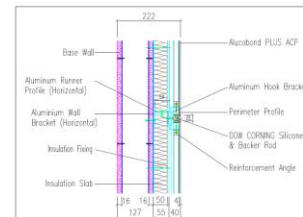
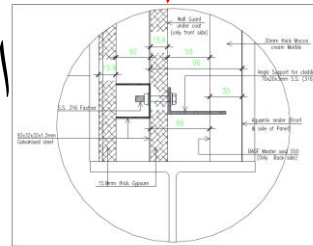


Mock up
Tests
اختبارات
النماذج



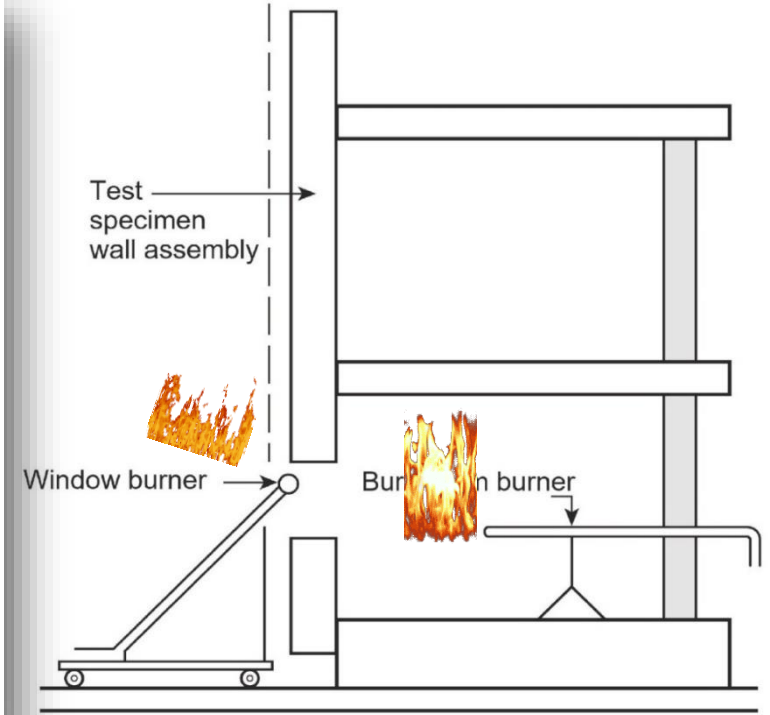
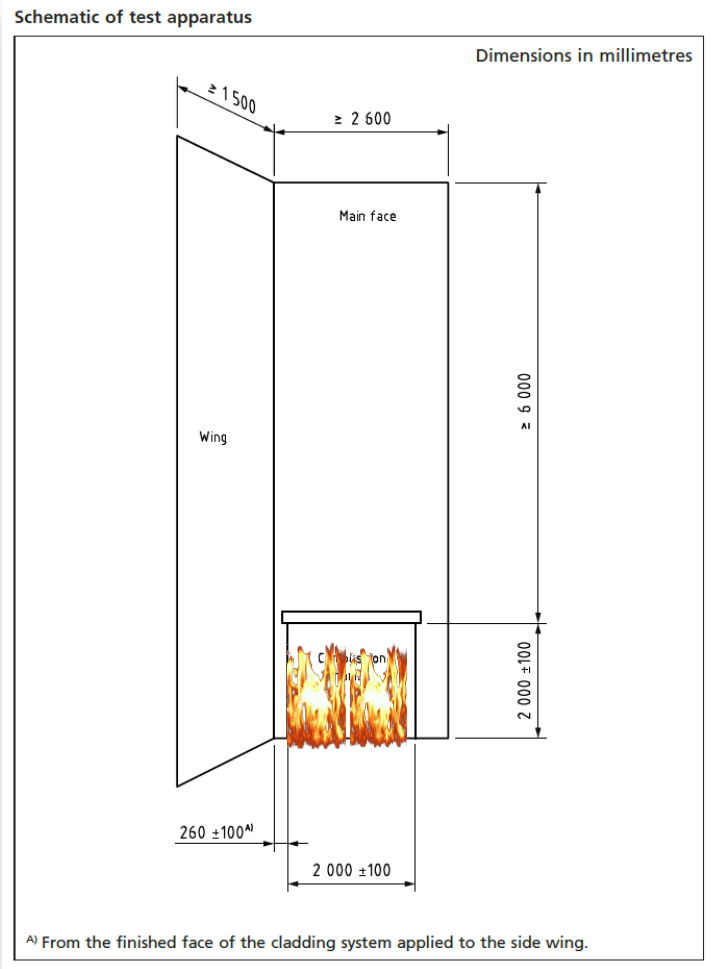
Site
Inspection

تفتيش الموقع



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Intermediate Scale Multi-storey
Test Apparatus or ISMA, used to
conduct the NFPA 285 for
Cladding Systems

Fire Performance Of External
Cladding Systems as per
BS 8414 and AS 5113

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lenovo
Registered Trademark of Lenovo

65W 20V

AC ADAPTER (电源适配器/交换式电源供应器)

MODEL (型号/型號): ADLX65NCT3A
LC PN (内部型号/内部型號): 36200292
LI PN (内部型号/内部型號): 45N0321
FRU PN (零售型号/零售型號): 45N0322
INPUT (輸入/輸入): 100-240 V~1.8 A 50-60 Hz
OUTPUT (輸出/輸出): 20 V=3.25 A

For Lenovo information equipment use only
Pour les équipements d'information Lenovo utiliser uniquement
Para equipamentos de informática Lenovo usar apenas
Para el equipo de información de Lenovo utilice sólo
仅供联想信息类设备使用/僅供聯想資訊類設備使用



Manufactured for Lenovo
Product of China 中国制造 中國製造 中國產

2013/03

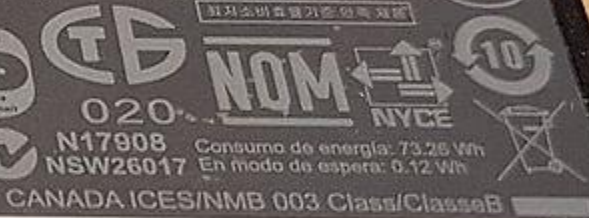
製造商: 聯想電腦科技股份有限公司

CT-800



EU contact address: 001
Lenovo, Einsteinova 21,
851 01 Bratislava, Slovakia

KTC HD10438-12059
KCC-REM-CIV-ADLX65NCT3A
KCC-REM-001
MODEL: ADLX65NCT3A
INPUT: AC 100-240 V, 50-60 Hz, 1.8 A
OUTPUT: DC 20 V=3.25 A
FRU PN: 45N0322-0480
MFG: CHONG FOWEY TECHNOLOGY (SHENZHEN) CO., LTD.
KCC-REM
LC PN: 36200292
LI PN: 45N0321; FRU PN: 45N0322
KOREA OPTISON P/N: (45N0321) 45N0321



CANADA ICES/NMB 003 Class/Classe B
Consumo de energia: 73.25 Wh
En modo de espera: 0.12 Wh

Barcode: 11S45N0321Z1ZLZG3312JA REV:A
Barcode: 11S36200292ZZ1003311PR

Discussions



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