



## 2012 ROAD SHOW

# CCC Update: Non-Compliance & Offence

Ir. CHEN Thiam Leong

## Background

- × 26<sup>th</sup> June 2004 - Prime Minister calls for the replacement of the issuance of the Certificate of Fitness for Occupation (CFO) by the local authorities with self-certification by the professionals
- × The intention is to improve the efficiency of the building delivery system further and to enhance the competitiveness of Malaysia globally

## **Various models of certification considered were :-**

Model 1 - Certification of CFO by Independent Certifier  
(Non Architects and Non Engineers)

Model 2 - Certification of CFO by Independent Certifier  
(Architects and Engineers Who Are Not the Submitting Persons)

Model 3 - Certification of CFO by Independent Certifier  
(Architects and Engineers Who Are the Submitting Persons)

## **Model Selected**

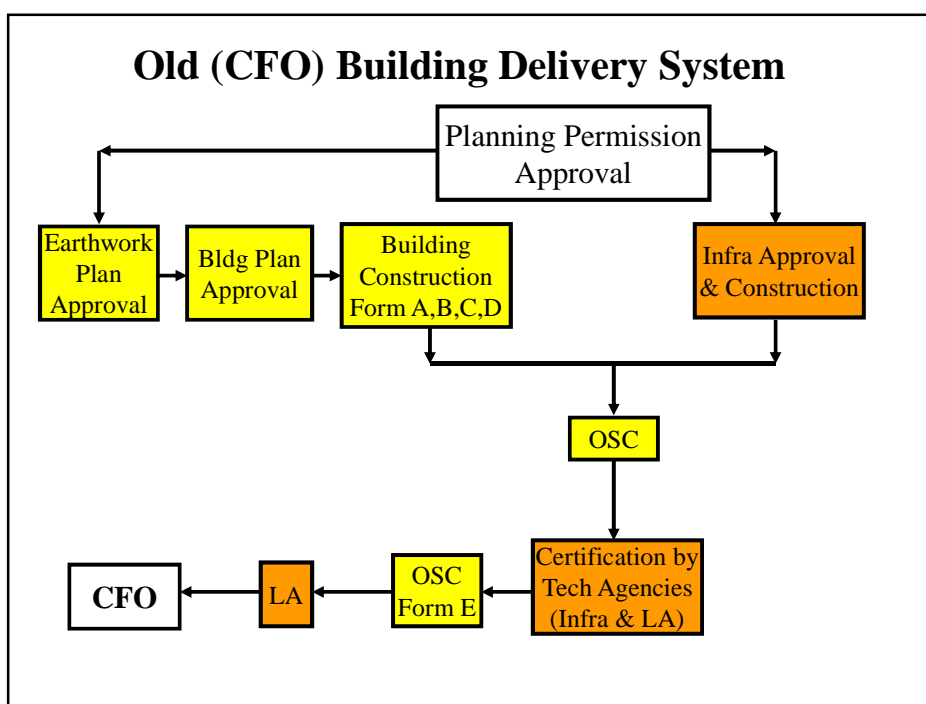
Model 3 was adopted based on the following reasons:-

- Y The Professionals (Architects and Engineers) are competent and able to do so
- Y Self-certification has already been implemented for individual detached bungalows
- Y Committee under MOHLG was already working to extend self certification to industrial buildings
- Y Self certification is an extension of the current role of submitting person with the OSC
- Y Minimum changes required in Acts and Regulations

The PM on 13th April 2007 announced officially that CCC, OSC, COB and Built-and-Sell (10:90) will take effect on **12th April 2007** and all Acts and Regulations have been put in place for the implementation

The following Acts were amended :-

- × Street, Drainage and Building (Amendment) Bill 2006
- × Architects (Amendment) Bill 2006
- × Registration of Engineers (Amendment) Bill 2006
- × Housing Development (Control and Licensing) (Amendment) Bill 2006
- × Strata Titles (Amendment) Bill 2006



## CFO Regime

- CFO application by **qualified person\*** using Form E
- UBBL 25 empowers the ‘qualified persons’ to certify in Form E that they have **supervised** the erection of the building which has been constructed in accordance with the UBBL and they **accept full responsibility** for those portions which they are respectively concerned with and **all essential services** have been provided.
- The LA may, pursuant to UBBL 27 and subject to certain provisions, grant a partial CFO of any part of the building partially completed and impose any conditions that it deems necessary in the interest of the public.

## Salient Features of CCC Framework

- × Building plans are still to be approved by the local authorities through improved OSC.
- × CFO by local authorities will be replaced by CCC to be issued by the Principal Submitting Person (PSP)
- × This is meant to be merely an administrative change since the Local Authorities carry no liabilities and the liabilities still go back to the qualified person/s.

## Salient Features of CCC Framework frqwg#

CCC can only be issued by PSP after:-

- Y all the certifications by the respective parties (professionals, contractors, licensed tradesmen) based on prescribed forms (Form Gs) under the Matrix of Responsibility are secured.
- Y Clearances for the essential services [TNB, Water Authorities, JPP, Bomba (for buildings involving active fire system), JKKP and Roads & Drains] are still required to be secured before CCC can be issued by the PSP.

## Salient Features of CCC Framework frqwg#

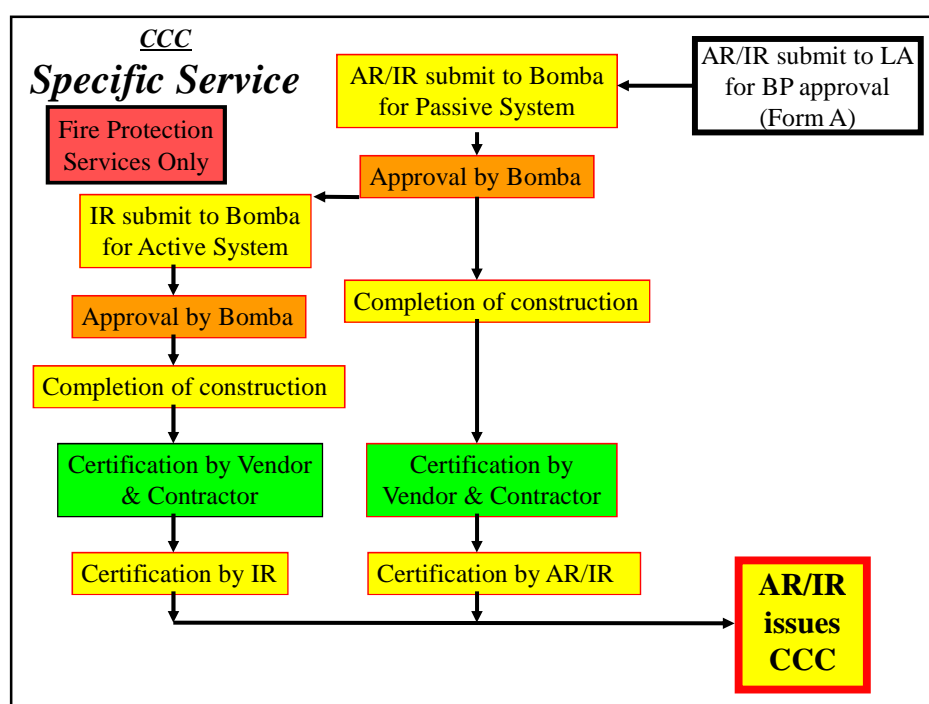
- × The Local Authorities will still maintain their right and power to enter the site during construction prior to issuance of CCC by the PSP
- × The Local Authorities can issue an order to stop the issuance of CCC by the PSP if the building on site is found to have breached the approved building plans relating to health and safety aspects

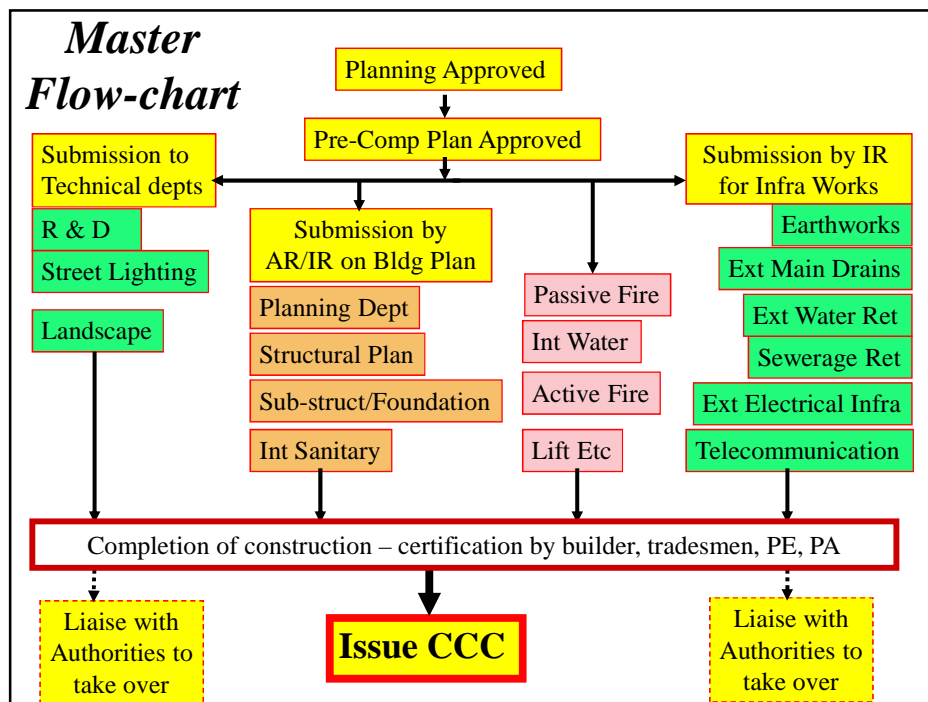
### **Salient Features of CCC Framework** frqwn#

- × The issuance of CCC is restricted to only technical issues concerning health, safety and essential services
- × Non-technical issues will have to be resolved between the Owner and the Local Authorities at the planning and building plans approval stage or via other mechanism
- × The respective agencies including CIDB shall take necessary actions against their errant members for non compliance or fraudulent certification
- × The respective Boards to take effective measures against errant members

### **Salient Features of CCC Framework** frqwn#

- The matrix of responsibility was introduced to make everyone accountable for their respective scope of work
- The AG chamber took out certification by the consultants' supervisors from Form Gs
- The Minister of Works has in principle agreed for consultants' supervisors to be regulated under CIDB. Effort is to be made to include them under the matrix of responsibility





## Critical Issues

- × Licensing of Builder (Main Contractor) on an individual basis
- × Licensing of specialist tradesman (eg fire fighting installer)
- × *Registration of architect's and engineer's site supervisors / COW / IOW*
- × Submission of plans by the professionals – for Approval or for Record only ?



## Types of Forms under CCC

- Form A : Certification of Buildings/Structural Plans  
(for endorsement on plans to be submitted for approval)
- Form B : Notice of Commencement/Resumption of Building Operations
- Form Gs: Stage Certification for various components of works
- Form F : Certificate of Completion and Compliance
- Form F1: Partial Certificate of Completion and Compliance

There is no **TEMPORARY CCC**

### FORM F CERTIFICATE OF COMPLETION AND COMPLIANCE (By -Law 25)

Date:.....

To:

\*

.....

I hereby issue the certificate of completion and compliance for the building/s on

.....  
upon being satisfied that the said building/s has/have been satisfactorily completed and is/are Fit for Occupation.

I certify that I have supervised the erection and completion of the building/s and it is to the best of my knowledge and belief that such work/s is/are in accordance with the Act, Uniform Building By-laws 1984 and Approved Plan No. ....

Dated .....

.....  
**Signature of Principal Submitting Person**

## 1. Particulars of Principal Submitting Person

Name :

Address: .....

#Board of Architects Malaysia/Board of Engineers Malaysia

Registration No. ....

## 2. Copy to:

Local Authority : .....

#Board of Architects Malaysia/Board of Engineers Malaysia

\* The developer, if it is for development other than individually built building or the owner, if it is for individually built building.

# Delete accordingly

## UNIFORM BUILDING BY-LAWS 1984

## FORM G 1

**STAGE CERTIFICATION : EARTHWORKS**

(By-law 25 or 27)

Project Title: .....

\*1. We certify that we have supervised and/or carried out the construction and completion of the earthworks and that to the best of our knowledge and belief such works are in accordance with the **Approved** Earthwork Plans Ref. No. : ..... and that we accept full responsibility for the same.

	<u>Name (Individual)</u>	<u>#Registration No.</u>	<u>Signature</u>
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(a) Contractor	.....	.....	.....
		(CIDB)	(Date: )

(b) Submitting person	.....	.....	.....
		(BEM)	(Date: )

I

**OR**

\*2. I certify that this form is not applicable.

.....  
( Principal Submitting Person )

# I.C. No., if there is no relevant body in respect of registration

\* Delete whichever is not applicable

UNIFORM BUILDING BY-LAWS 1984  
FORM G 4  
**STAGE CERTIFICATION : STRUCTURAL**  
(By-law 25 or 27)

Project Title: .....

\* We certify that we have supervised and/or carried out the erection and completion of the structural works and that to the best of our knowledge and belief such works are in accordance with the **Deposited** Structural Plans Ref. No. : ..... and that we accept full responsibility for the same.

	<u>Name (Individual)</u>	<u>#Registration No.</u>	<u>Signature</u>
(a) Contractor	.....	.....	.....
		(CIDB)	(Date:     )
(b) Submitting person	.....	.....	.....
		(BEM)	(Date:     )

UNIFORM BUILDING BY-LAWS 1984  
FORM G 5  
**STAGE CERTIFICATION : INTERNAL WATER PLUMBING**  
(By-law 25 or 27)

Project Title: .....

\*1. We certify that we have supervised and/or carried out the erection and completion of the internal water plumbing works and that to the best of our knowledge and belief such works are in accordance with the **\*approved plans/Deposited** Plans Ref. No. : ..... and that we accept full responsibility for the same.

<u>Name (Individual)</u>	<u>#Registration No.</u>	<u>Signature</u>
(a) Trade contractor ..... (Licensed plumber)	..... +( )	..... (Date: )
(b) Submitting Person .....	..... (*BAM/BEM)	..... (Date: )

Y FORM F

CERTIFICATE OF COMPLETION AND COMPLIANCE

Y FORM F1

PARTIAL CERTIFICATE OF COMPLETION AND COMPLIANCE

× FORM G 1 (Approved Plans)

STAGE CERTIFICATION : EARTHWORKS

× FORM G 2 (Approved Plans)

STAGE CERTIFICATION : SETTING OUT

× FORM G 3 (Deposited Plans)

STAGE CERTIFICATION : FOUNDATIONS

× FORM G 4 (Deposited Plans)

STAGE CERTIFICATION : STRUCTURAL

- × FORM G 5 (Approved/Deposited Plans)  
STAGE CERTIFICATION : INTERNAL WATER PLUMBING
- × FORM G 6 (Approved/Deposited Plans)  
STAGE CERTIFICATION : INTERNAL SANITARY PLUMBING
- × FORM G 7 (Submitting Engr's Endorsed Plans)  
STAGE CERTIFICATION : INTERNAL ELECTRICAL
- × FORM G 8 (Approved/Deposited Plans)  
STAGE CERTIFICATION : FIRE-FIGHTING (PASSIVE)
- × FORM G 9 (Approved/Deposited Plans)  
STAGE CERTIFICATION : FIRE-FIGHTING (ACTIVE)
- × FORM G 10 (Submitting Engr's Endorsed Plans)  
STAGE CERTIFICATION : MECHANICAL VENTILATION

- × FORM G 11 (Submitting Engineer's Endorsed Plans)  
STAGE CERTIFICATION : LIFT/ESCALATOR INSTALLATION
- × FORM G 12 (Approved Plans)  
STAGE CERTIFICATION : BUILDING
- × FORM G 13 (Approved Plans)  
STAGE CERTIFICATION : EXTERNAL WATER SUPPLY SYSTEM
- × FORM G 14 (Approved Plans)  
STAGE CERTIFICATION : SEWERAGE RETICULATION
- × FORM G 15 (Approved Plans)  
STAGE CERTIFICATION : SEWERAGE TREATMENT PLANT
- × FORM G 16 (Approved Plans)  
STAGE CERTIFICATION : EXTERNAL ELECTRICAL SUPPLY SYSTEM

- × FORM G 17 (Approved/Deposited Plans)  
STAGE CERTIFICATION : ROAD AND DRAIN
- × FORM G 18 (Approved/Deposited Plans)  
STAGE CERTIFICATION : STREET LIGHTING
- × FORM G 19 (Approved)  
STAGE CERTIFICATION : EXTERNAL MAIN DRAIN
- × FORM G 20 (Approved/Deposited Plans)  
STAGE CERTIFICATION : TELECOMMUNICATION
- × FORM G 21 (Approved)  
STAGE CERTIFICATION : LANDSCAPE

### **Key Amendments to the Respective Acts and Regulations for the Implementation of CCC**

- **Architect's Act 1967**
  - Increased penalty to deter wrongful certification
  - Expressed provision on fraudulent certification.
- **Registration of Engineer's Act 1967**
  - Increased penalty to deter wrongful certification
  - Expressed provision on fraudulent certification
- **Street, Drainage and Building Act 133**
  - To make provision for implementation of CCC
  - To define Principal Submitting Person
  - Increased penalty to deter wrongful certification

## Key Amendments to The Registration of Engineers Act 1967

- Section 7A(5)(d) Increase of fine from not exceeding **RM 10,000** to not exceeding **RM 50,000** and to increase the suspension of registration for a period not exceeding **1 year** to **2 years** on Engineering consultancy practice for disciplinary offence
- Section 14A Establishment of a 3-person Disciplinary Committee to provide more effective disciplinary actions for dealing with CCC issues
- Section 15(1) and (1A) Insertion of false or negligent certification as grounds for disciplinary action



**ACTUAL GROUND STATISTICS  
&  
ON-GOING EXPERIENCE**

### **Status of CCC - May 2008 (1 year on)**

- By May 2008 Professional Engineers had issued 16 CCCs and Professional Architects had also issued about the same number. The majority of the completed projects were for factories, warehouses, bungalows and petrol stations.
- Both BEM and BAM set up their respective CCC Sub-Committees to deal with all issues pertaining to CCC.
- Review of the CCC documents (Form F and Gs) received by both Boards (circa May 2008) revealed that many PSPs (Principal Submitting Persons) were still not fully conversant with filling up the various forms properly and some defaulting on enclosures.

Examples of errors detected were;

- Inserting PSP's design drawing nos. instead of Local Authority's Approval Reference no.
- Inserting Contractor with Company Name instead of the required Individual Name with NRIC no.
- Name of Local Authority not inserted
- Wrong discipline of Professional Engineer signing as SP (Submitting Person) in Form Gs
- Non submission of Form Gs
- Non enclosure of Clearance Letters from Utilities
- CCC not dated!!



GUIDE TO FILLING UP FORMS F & F1 (Version 1 - May 2008)						
Form	Date	Address To *	Details of Building	1. PSP	2. Local Authority	Forms G-1 to G-21
F	Insert date of CCC	1) Insert name of Developer if it is for development other than individually built building 2) Insert name of owner for an individually built building	1) Insert Address of Building - Lot No/Nos, Section, and Road 2) Insert description of project as per Building Plan Approval adjacent or below or in place of item 1) 3) Insert BP Approval Ref and Date 4) PSP to sign off	1) Insert full name of PSP 2) Insert Name of ACP/ECP and address 3) Insert BAM/BEM Registration no. of PSP	Insert Name of Local Authority	Attach Forms G-1 to G-21 together with other required enclosures before forwarding to Local Authority and BAM/BEM
F1	Insert date of CCC	1) Insert name of Developer if it is for development other than individually built building 2) Insert name of owner for an individually built building	1) Insert Address of Building - Lot No/Nos, Section, and Road 2) Insert description of project as per Building Plan Approval adjacent or below or in place of item 1) 3) Insert BP Approval Ref and Date 4) PSP to sign off	1) Insert full name of PSP 2) Insert Name of ACP/ECP and address 3) Insert BAM/BEM Registration no. of PSP	Insert Name of Local Authority	Attach Forms G-1 to G-21 together with other required enclosures before forwarding to Local Authority and BAM/BEM

Notes:

1) PSP shall notify the local authority through OSC (in writing or using prescribed form) after Forms G1-G3 are certified (i.e. after completion of Earthwork, Setting Out and Foundations)

2) Form F/F1 and Form G-1 to G-21 shall be forwarded to the Local Authority and BAM/BEM within 14 days of the issuance of Form F/F1

	<p>UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984</p> <p>BORANG F</p> <p>PERAKUAN SIAP DAN PEMATUHAN</p> <p>[Undang-undang kecil 25 ]</p> <p>Kepada: ABC Sdn Bhd Jalan XYZ XXXXX Kuala Lumpur</p> <p>No. Siri: LJM 00000 Tarikh: 22 Jan 2008</p> <p>Saya dengan ini mengeluarkan Perakuan Siap dan Pematuhan untuk bangunan-bangunan-bangunan atas</p> <p>Lot/Lot-Lot Seksyen Jalan</p> <p>CADANGAN KOMPLEKS KILANG DAN GUDANG DI ATAS LOT PT999, NO. 9 JALAN XXX, MUKIM XXX, DAERAH ZZZ, SELANGOR DARUL EHSAN</p> <p>setelah berpuas hati bahawa bangunan-bangunan-bangunan itu telah siap menurut pelan yang diluluskan No. PBT/PG-9999/2007(PG) bertarikh 16 Apr 2007</p> <p>Saya telah mengawasi pembinaan dan penyempurnaan bangunan-bangunan-bangunan itu dan sepanjang pengetahuan dan kepercayaan saya kerja-kerja itu adalah mengikut Akta, Undang-Undang Kecil Bangunan Seragam 1984 dan pelan-pelan yang diluluskan. Saya dengan ini memperakui bahawa bangunan-bangunan-bangunan itu adalah selamat dan layak untuk diduduki.</p> <p>IR. QQQ</p> <p>..... (Orang utama yang mengemukakan )</p> <p>1. Butir-butir orang utama yang mengemukakan</p> <p>Nama: IR QQQ Alamat: Jurutera Perunding QQQ Sdn Bhd 9, Jalan ABC 47400 Petaling Jaya No. Pendaftaran LAM/LJM : 4663 (Awam)</p> <p>2. Salinan kepada :</p> <p>(a) Pihak Berkuasa Tempatan: Pihak Berkuasa Tempatan XYZ (Nama Pihak Berkuasa Tempatan)</p> <p>(b) Lembaga-Arkitek-Malaysia(LAM)/Lembaga Jurutera Malaysia(LJM)</p>	
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FORM	Project Title	Item *1	Item *1 (a)	Item *1 (b)	Item *1(c)	Item *2
G-8 Passive Fire	Insert description of project as per BP approval	If this item is applicable, insert Bomba's Approval Ref No. or PSP's Deposited Plans Ref No. If not applicable, strike out Item*1	1) Insert name (individual) of proprietor / partner / director of Contractor's Company & attach certified copy of Company's Form 49 to authenticate this individual (Contractor) 2) Insert Contractor's NRIC 3) Contractor to sign and date 4) Attach copy of CIDB registration of Company	1) Fill in PSP's name 2) Fill in BAM/BEM registration no. 3) Sign and date 4) If an engineer, PSP must be a Civil Engineer 5) Attach Letter of Clearance from Bomba (except for residential buildings not exceeding 18 meters height)		If Item *1 is applicable, strike out Item *2. If item *1 is not applicable, PSP to sign declaration
G-9 Active Fire	Insert description of project as per BP approval	If this item is applicable, insert Bomba's Approval Ref No. or PSP's Deposited Plans Ref No. If not applicable, strike out Item*1	1) Insert name (individual) of proprietor / partner / director of Trade Contractor's company & attach certified copy of Company's Form 49 to authenticate this individual (Contractor) 2) Insert Contractor's NRIC 3) Contractor to sign and date 4) Attach copy of CIDB registration of Company	1) Fill in SP's name 2) Fill in BEM registration no. 3) Sign and date 4) SP must be a Mechanical Engineer 5) Attach Letter of Clearance from Bomba (except for residential buildings not exceeding 18 meters height)		If Item *1 is applicable, strike out Item *2. If item *1 is not applicable, PSP to sign declaration

UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984  
BORANG G 8  
PERAKUAN BERPERINGKAT : MENENTANG KEBAKARAN  
(PASIF)  
[undang-undang kecil 25 atau 27]

Tajuk Projek: CADANGAN KOMPLEKS KILANG DAN GUDANG DI ATAS  
LOT PT999, NO. 9 JALAN XXX, MUKIM YYY, DAERAH ZZZ,  
SELANGOR DARUL EHSAN

\*1. Kami memperakui bahawa kami telah mengawasi dan/atau menjalankan pembinaan dan penyiapan kerja-kerja menentang kebakaran (pasif) dan bahawa sepanjang pengetahuan dan kepercayaan kami kerja-kerja ini adalah mengikut pelan yang diluluskan/Pelan yang Dideposit No. Ruj: JBPM/XXX/07 dan bahawa kami menerima tanggungjawab sepenuhnya ke atas pembinaan dan penyiapan kerja-kerja menentang kebakaran (pasif) ini.

Nama (Perseorongan)      No. Pendaftaran      Tandatangan

(a) Kontraktor Ahmad Bin Anwar      550101-10-6011      afid  
(Lembaga Pembangunan Industri Pembinaan)      (Tarikh: 10 Jan 08)

(b)\*\*Orang utama yang mengemukakan      4663 (Awam)      QQQ  
(“Lembaga Aekitek Malaysia”/ Lembaga Jurutera Malaysia)      (Tarikh: 21 Jan 08)

ATAU

\*2. Saya memperakui bahawa borang ini tidak berkaitan.

\_\_\_\_\_  
(Orang utama yang mengemukakan)

# No.K.P., jika tiada badan yang berkaitan berkenaan dengan pendaftaran  
\*\* Surat Pelulusan daripada Jabatan Bomba Malaysia (kecuali untuk bangunan kediaman yang tidak melebihi ketinggian 18 meter) hendaklah dilampirkan  
\* Potong mana-mana yang tidak berkenaan.

UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984  
BORANG G 9  
PERAKUAN BERPERINGKAT : MENENTANG KEBAKARAN  
(AKTIF)  
[Undang-undang kecil 25 atau 27]

Tajuk Projek: CADANGAN KOMPLEKS KILANG DAN GUDANG DI ATAS  
LOT PT999, NO. 9 JALAN XXX, MUKIM YYY, DAERAH ZZ,  
SELANGOR DARUL EHSAN

\*1. Kami memperakui bahawa kami telah mengawasi dan/atau menjalankan pembinaan dan penyiapan kerja-kerja menentang kebakaran (aktif) dan bahawa sepanjang pengetahuan dan kepercayaan kami kerja-kerja itu adalah mengikut \*pelan yang diluluskan/Pelan yang Dideposit No. Ruj. JBPM/XXX/07 dan bahawa kami menerima tanggungjawab sepenuhnya ke atas pembinaan dan penyiapan kerja-kerja menentang kebakaran (aktif) itu.

Nama (Persorangan)	No. Pendaftaran	Tandatangan
(a) Kontraktor Tred	Yap Tan Lin 660202-10-6060 + ( )	 (Tarikh: 10 Jan 08)
(b) **Orang yang mengemukakan	IR.MMM 888 (Mekanikal) (Lembaga Jurutera Malaysia)	 (Tarikh: 21 Jan 08)

ATAU

\*2. Saya memperakui bahawa borang ini tidak berkaitan:

\_\_\_\_\_  
(Orang utama yang mengemukakan)

\* Badan kaval selia yang berkaitan  
# No.K.P., jika tiada badan yang berkaitan berlesen dengan pendaftaran  
\*\* Surai Pilepasan daripada Jabatan Bomba Malaysia (kecuali untuk bangunan terdaman yang tidak melebihi ketinggian 18 meter) hendaklah dilampirkan  
\* Potong muna-muna yang tidak berkenaan.

FORM	Project Title	Item *1	Item *1 (a)	Item *1 (b)	Item *1(c)	Item *2
G-11 Lifts / Escalators	Insert description of project as per BP approval	If this item is applicable, proceed to insert other details. If not applicable, strike out item*1	1) Insert name (individual) of Competent Person 2) Insert Competent Person's DOSH approval letter ref. no. & attach copy of DOSH's letter 3) Competent Person to sign and date 4) Attach copy of CIDB registration of Company	1) Fill in SP's name 2) Fill in BEM registration no. 3) Sign and date 4) SP must be a Mechanical or Electrical Engineer 5) Attach list of PMA nos. or Certification from Competent Person		If Item *1 is applicable, strike out Item *2. If item *1 is not applicable, PSP to sign declaration

## UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984

## BORANG G 11

## PERAKUAN BERPERINGKAT : PEMASANGAN LIF/ESKALATOR

[undang-undang kecil 25 atau 27]

Tajuk Projek: Cadangan Kompleks .....

\*1. Kami memperakui bahawa kami telah mengawasi dan/atau menjalankan pembinaan dan penyiapan kerja-kerja pemasangan lif/eskalator dan bahawa sepanjang pengetahuan dan kepercayaan kami kerja-kerja itu adalah mengikut Pelan yang Diperakui orang yang mengemukakan dan bahawa kami menerima tanggungjawab sepenuhnya ke atas pembinaan dan penyiapan kerja-kerja pemasangan lif/eskalator itu.

Nama (Perseorangan)    #No. Pendaftaran    Tandatangan

(a) Kontraktor    Ray Shaw    YYYYYYYY    Ray Shaw  
Tred    + ( DOSH )    (Tarikh: 2Jan 2012 )

(b)\*\*Orang yang    IR. EEE    4524 Elektrik    EEEE  
mengemukakan    (LJM)    (Tarikh: 3Jan 2012 )

ATAU

\*2. ~~Saya memperakui bahawa borang ini tidak berkaitan.~~

(Orang utama yang mengemukakan)

+ Badan kawal selia yang berkaitan

# No.K.P., jika tiada badan yang berkaitan berkenaan dengan pendaftaran

\*\* Sijil Kelayakan daripada Jabatan Keselamatan dan Kesihatan Pekerjaan hendaklah dilampirkan

\* Potong mana-mana yang tidak berkenaan.

FORM	Project Title	Item *1	Item *1 (a)	Item *1 (b)	Item *1(c)	Item *2
G-13 External Water Supply	Insert description of project as per BP approval	If this item is applicable, insert LA's Approval Ref No. If not applicable, strike out Item *1	1) Insert name (individual) of Licensed Plumber 2) Insert Plumber's registration no. and Water Authority's name & attach copy of Licence 3) Plumber to sign and date 4) Attach copy of CIDB registration of Company	1) Fill in SP's name 2) Fill in BEM registration no. 3) Sign and date 4) SP must be a Civil Engineer 5) Attach Letter of Confirmation from Water Authority that water supply is ready for connection		If Item *1 is applicable, strike out Item *2. If Item *1 is not applicable, PSP to sign declaration
G-14 Sewerage Reticulation	Insert description of project as per BP approval	If this item is applicable, insert IWK/SPAN's Approval Ref No. If not applicable, strike out Item *1	1) Insert name (individual) of Licensed Plumber 2) Insert Plumber's registration no. and Authority's name & attach copy of Licence 3) Plumber to sign and date 4) Attach copy of CIDB registration of Company	1) Fill in SP's name 2) Fill in BEM registration no. 3) Sign and date 4) SP must be a Civil Engineer		If Item *1 is applicable, strike out Item *2. If Item *1 is not applicable, PSP to sign declaration
G-15 Sewage Treatment Plant	Insert description of project as per BP approval	If this item is applicable, insert IWK/SPAN's Approval Ref No. If not applicable, strike out Item *1	1) Insert name (individual) of Licensed Plumber 2) Insert Plumber's registration no. and Authority's name & attach copy of Licence 3) Plumber to sign and date 4) Attach copy of CIDB registration of Company	1) Fill in SP's name 2) Fill in BEM registration no. 3) Sign and date 4) SP must be a Civil Engineer 5) Attach Letter of Clearance from the Department of Sewerage Services / Indah Water Consortium		If Item *1 is applicable, strike out Item *2. If Item *1 is not applicable, PSP to sign declaration

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FORM	SERVICE	DISCIPLINE OF SIGNING SP
G 13	External Water Supply	Civil Engineer
G 14	Sewerage Reticulation	Civil Engineer
G 15	Sewerage Treatment Plant	Civil Engineer
G 16	External Electrical	Electrical Engineer
G 17	Road and Drain	Civil Engineer
G 18	Street Lighting	Electrical Engineer
G 19	External Main Drain	Civil Engineer
G 20	Telecommunication	Electrical Engineer
G 21	Landscape	Architect or Landscape Architect

**NOTES;**

- 1) Signing SP must be a Professional Engineer registered with BEM in the correct discipline
- 2) SP must be attached to an ECP registered with BEM to practise in the correct discipline/s

## **Status of CCC - Sept 2008**

- By September 2008, 23 Professional Engineers had issued a total of 42 CCCs (41 Form Fs and 1 Form F1)
- 15 CCCs were issued without any error
- 16 CCCs were copied to BEM after >14 days
- 1 CCC was issued unnecessarily
- 9 CCCs were issued without Form Gs or using wrong Forms
- 1 Complaint was received

## Status of CCC – Feb 2009

By 25<sup>th</sup> February 2009, professional engineers have issued;

- CCC using Form F = 132
- CCC using Form F1 = 4
- Complaints received = 1
- Incorrect/Incomplete Submissions = 35 (after May 2008)
- Warning Letters issued = 29

## Feb 2009

Æ 'Form F & F1' reprinted in 4 different headings to conform with differing gazettes by various states;  
 Form F (By Law 25), F1 (By Law 27) for Kedah, Penang, Perak, Selangor, Melaka, Johor, Kelantan  
 Form F (By Law 23), F1 (By Law 25) for Wilayah  
 Form F (By Law 25), F1 (By Law 27) for Pahang, Terengganu  
 Form C (By Law 25), C1 (By Law 27) for Negri Sembilan

## CCC Status – July 2009

As of July 2009, a grand total of 510 CCCs have been issued, comprising

- 283 (238 F and 45 F1) issued by AR's
- 227 (217 F and 10 F1) issued by IR's
- 14 IR-PSPs were found to be practising without registering their ECPs with BEM
- 3 IR-PSPs committing offence for the 2<sup>nd</sup> time (submitting Form Gs after 14 days) were issued with show cause letters
- 1 IR-PSP was investigated for issuing CCC for Appendix A building.

## CCCs issued by PEs

	5/08	9/08	2/09	7/09	2/10	3/11	2/12	6/12
F	16	41	132	217	418	858	1325	1501
F1	0	1	4	10	33	35	54	54
Errors	12	26	35					
Complaints	0	1	1			15		25
C Pending		0	0			3		2
Warning			29					
Show Cause				3				
IC							5	5
DC								3
PSP with no ECP								16
SP with no ECP							5	64



### CCCs (F/F1) issued by ARs & PEs

Year	PEs	ARs	Total
5/2008	16/0	16/0	32/0
7/2009	217/10	238/45	455/55
2/2012	1325/54	5842/93	7167/147

## LAWS OF MALAYSIA Act A1286 STREET, DRAINAGE AND BUILDING (AMENDMENT) ACT 2007

### Amendment of section 3

The Street, Drainage and Building Act 1974 [Act 133], which is referred to as the “principal Act” in this Act, is amended in section 3 -

**“principal submitting person”** means a **qualified person** who submits building plans to the local authority for approval in accordance with this Act or any by-laws made thereunder and includes any other qualified person who takes over the duties and responsibilities of or acts for the first mentioned qualified person

**“qualified person”** means a Professional Architect, **Professional Engineer** or building draughtsman registered under any written law relating to the registration thereof

## **BEM Circular No.1**

([www.bem.org.my](http://www.bem.org.my) under “SERVICES” tab)

Submission of Plans classified under

### **APPENDICES A, B & C**

#### **Appendix A:**

No person shall submit any Building Plans, reports and specifications for the underlisted works and or services, unless he is an **Architect**, except for any engineering works required (excluding any standard engineering works), such engineering plans and specifications shall be submitted by a Professional Engineer.

## **APPENDIX A**

Apartments, Art Galleries, Airport Terminal Buildings, .....

Domestic Houses, Golf Clubs, Hotels, Hospitals, Kindergartens, .....

Neighbourhood housings (housing schemes), Office buildings, .....

Restaurants, Shophouses, Supermarkets, Shopping Centres, Showrooms, ....

University Complexes, Vocational Training Centres, .....

### **Appendix B:**

No person shall submit any engineering plans, reports and specifications for the underlisted works and or services, unless he is a **Professional Engineer**, except for any architectural works required, such architectural plans shall be submitted by an Architect.

## **APPENDIX B**

Airport Runways & Aprons, Airconditioning & Mechanical Ventilation Systems, .....

Bridges, Carparking Areas, Incinerators, Jetties, Mechanical Services & Installations, Mass Rapid Transit Systems, Major Retaining Walls .....

Electrical Services Installations, Fire Protection Services, Plumbing Services, .....

Pumping Stations, Ports, Waterworks, .....

### **Appendix C:**

No person shall submit any plans, reports and specifications for the underlisted works and or services, unless he is either an **Architect** or a **Professional Engineer**.

## **APPENDIX C**

Aircraft Manufacturing Plant, Bus Depot & Workshops, Breweries, Carparking Layouts, Carparks (Multi-storey), Engineering Laboratories, Electrical Substations (single storey), .....  
 Flatted Factories, Fencing & Gates, Footings, ...  
 Glue Factories, Ice Factories, ...  
 Manufacturing, Assembling, Processing, Repair Plants & Associated Buildings & Facilities, Motor Vehicle Service Stations, .....  
 Utilities Buildings, Warehouses & Godowns, Workshops, .....

## **CONCLUSION**

- × With self-certification, the delivery process will be more efficient and transparent
- × The success of CCC will depend largely on the professionalism and integrity of the professionals - Architects and Engineers

### **AND**

- × The responsibility and accountability of the contractors and tradesmen

## FAQs

- [www.acem.com.my](http://www.acem.com.my)
- [www.pam.org.my](http://www.pam.org.my)
- [www.lam.gov.my](http://www.lam.gov.my)
- [www.bem.org.my](http://www.bem.org.my)
- [www.iem.org.my](http://www.iem.org.my)



**END**

**THANK YOU**