

CONTRACTOR'S QUALIFICATION TO SIGN FORM G FOR CERTIFICATE OF COMPLETION AND COMPLIANCE (CCC)

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INTRODUCTION

The Malaysian government has approved amendments to the Uniform Building By-Law (UBBL) 1984 through the 78th National Council for Local Government (MNKT) on 13 July 2021 ^[1]. One of the revised items is By-law 5, which mandates that construction projects must be overseen full-time by a Construction Project Manager and Site Construction Supervisor certified by Construction Industry Development Board (CIDB). Furthermore, this Amendment also approves that the Form G submitted to obtain Certificate of Completion and Compliance (CCC) must be certified by a Construction Project Manager recognised by CIDB. In addition, CIDB has partnered with the Local Government Department (JKT), the Board of Engineers Malaysia (BEM), and the Board of Architects Malaysia (LAM) to determine the qualifications of Construction Project Managers, ensuring that this amendment can be executed effectively without affecting industry stakeholders.

G FORM SIGNATURES' MATRIX

The signature matrix for Form G can be referenced by the responsible parties during the certification stage, prior to obtaining the CCC.

Table 1: Uniform Building by Law (Rev 2021) G form Signatories' Matrix ^[2]

Forms	Form Title Certificate Form Based On Scope Of Work	(a) Contractor	(b) Site Supervisory Staff	(c) Submitting Person
G1	Earthworks	CIDB CCPM/CCM/CSS	Site Supervision Personnel BEM PEPC, GE, IOW	BEM PEPC
G2	Setting Out	CIDB CCPM/CCM/CSS	Licensed Land Surveyor LSBM	BEM PEPC /LAM PA
G3	Foundations	CIDB CCPM/CCM/CSS	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G4	Structural	CIDB CCPM/CCM/CSS	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G5	Internal Water Plumbing	Licensed Plumber CIDB	Site Supervision Personnel BEM PEPC, GE, IOW	BEM PEPC /LAM PA
G6	Internal Sanitary Plumbing	Licensed Plumber CIDB	Site Supervision Personnel BEM PEPC, GE, IOW	BEM PEPC /LAM PA
G7	Internal Electrical	Energy Commission (ST) Competent Person (Wireman / Chageman / JEK)	Site Supervision Personnel BEM PEPC, GE, IOW	BEM PEPC
G8	Fire-Fighting (Passive)	CIDB CCPM/CCM/CSS	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC /LAM PA
G9	Fire-Fighting (Active)	Fire Prevention System Trade Contractor	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G10	Mechanical Ventilation	Mechanical Ventilation System Trade Contractor	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G11	Lift/ Escalator Installation	Contractor Trade with Department of Occupational, Safety & Health	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G12	Building	CIDB CCPM/CCM/CSS	Site Supervision Personnel BEM PEPC, PE, RE, IOW/LAM PA, GA, IOW (A)	BEM PEPC /LAM PA
G13	External Water Supply System	Contractor Trade with National Water Services Commission (SPAN)	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC

G14	Sewerage Reticulation	Contractor Trade with National Water Services Commission (SPAN)	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G15	Sewerage Treatment Plant	Contractor Trade with National Water Services Commission (SPAN)	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G16	External Electrical Supply System	Energy Commission (ST) Competent Person (Wireman / Chargeman / JEK)	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G17	Road and Drainage	CIDB CCPM/CCM/CSS	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G18	Street Lighting	Energy Commission (ST) Competent Person (Wireman / Chargeman / JEK)	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G19	Street Lighting External Main Drain	CIDB CCPM/CCM/CSS	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G20	Telecommunication	(A) Contractor Trade with Energy Commission (ST) And Competent Person (B) Contractor Trade and Proficient Person MCMC/CA	Site Supervision Personnel BEM PEPC, PE, RE, IOW	BEM PEPC
G21	Landscape	Contractor Trade	Landscape Architect	-

Figure 1: Form G1 Earthworks Certification [By-law 25 or 27] Amendment 2021 ^[3]

UNIFORM BUILDING BY-LAWS 1984

FORM G1
EARTHWORKS CERTIFICATION
[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>
(a) Contractor (Construction project manager) (CIDB) (Date:)
(b) ~Site supervisory staff (BEM) (Date:)
(c) Submitting person (BEM) (Date:)

OR

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

.....
(Principal submitting person)

*Delete whichever is not applicable.
~When more than one site supervisory staff is involved, attach an annexure sheet.

NOTE: BEM Board of Engineers Malaysia
CIDB Construction Industry Development Board

[Amendment 2007]
[Amendment 2021]

ELIGIBILITY OF CONSTRUCTION PROJECT MANAGER

Confusion often arises regarding when a Certified Construction Manager (CCM) and Certified Construction Project Manager (CCPM) should sign Form G, as well as the project criteria that require CCM or CCPM's signatures. CIDB has addressed this by issuing a statement outlining the necessary qualifications for Construction Project Manager, as detailed in Table 2.

Table 2: Project Criteria and Certified Person who Can Sign Form G (a)^[4]

Project Construction Cost	Eligibility of Construction Project Manager
RM20million and above (>RM20million)	a. Certified Construction Project Manager (CCPM); or b. Certified Construction Manager (CCM)
Above RM1million up to RM20million	a. Certified Construction Project Manager (CCPM); or b. Certified Construction Manager (CCM); or c. Construction Personnel who have the minimum qualifications of a Diploma in technical fields related to construction and registered with CIDB under Construction Project Manager category (contractor Grade G4, G5, G6 and G7)
RM1million and below	a. Certified Construction Project Manager (CCPM); or b. Certified Construction Manager (CCM); or c. Construction Personnel who have the minimum qualifications of a Diploma in technical fields related to construction and registered with CIDB under Construction Project Manager category; or d. Certified Construction Site Supervisor (CCSS)

A registered Construction Project Manager (CPM) with CIDB (Construction Industry Development Board) typically refers to an individual who has met the necessary requirements set by CIDB to be officially recognized as a qualified manager for construction projects. The Certified Construction Project Manager (CCPM) program and Certified Construction Manager (CCM) program are implemented in three assessment modes, such as Mode I(a) – Training & Assessment, Mode I(b) – Assessment only, and Mode II (RPLE) – which is Recognition Through Level of Education and Experience (Recognition Prior Learning and Experience, RPLE)^{[5][6]}. Successful candidates having passed through any mode will be accredited with a Level 5 Construction Skills Competency Certificate (CSCC) for Certified Construction Manager (CCM), while CCPM candidates will be accredited with a Level 6 Construction Skills Competency Certificate (CSCC).

The definitions used to explain the meaning of Construction Project Manager and Construction Site Supervisor are as follows:

A Certified Construction Project Manager (CCPM) is a professional accredited by the CIDB, demonstrating extensive knowledge and competence in managing construction projects. The CCPM is responsible for planning, coordinating, organizing, monitoring, controlling, mitigating, and handing over construction projects, ensuring they meet the expected cost, duration, and quality standards throughout the project lifecycle. In addition to technical expertise, the CCPM upholds professional ethics and fosters a culture of environmental sustainability, safety, and health in the workplace. This role involves effective communication, leadership, and motivation of project teams and stakeholders to achieve project objectives successfully.

The occupational structure for the Construction Project Manager in the Building and Construction is highlighted in Table 3.

Table 3: Occupational Structure of Construction Project Manager in Building and Construction – Sub Sector of Civil Engineering ^[7]

SECTOR	BUILDING & CONSTRUCTION	
SUB SECTOR	BUILDING, CIVIL ENGINEERING	
AREA	CONSTRUCTION	PROJECT MANAGEMENT
LEVEL 6	Construction Project Manager	
LEVEL 5	Construction Manager	
LEVEL 4	Site Engineer	Construction Project Executive
LEVEL 3	Site Supervisor	Construction Project Supervisor
LEVEL 2	Site Technician	Construction Project Technician
LEVEL 1	General Worker	

A Certified Construction Manager (CCM) plays a pivotal role in leading the construction implementation process at the project site. In carrying out these responsibilities, the CCM must maintain productivity to meet project objectives, effectively communicate project processes, ensuring that all team members and stakeholders clearly understand their roles, responsibilities, and project expectations. This includes addressing on-site challenges, resolving conflicts, mitigating risks, and ensuring compliance with safety, quality, and regulatory standards.

The occupational structure for the Construction Manager in the Building and Construction is highlighted in Table 4.

Table 4: Occupational Structure of Construction Manager in Building and Construction – Civil Engineering Sub Sector ^[8]

SECTOR	BUILDING & CONSTRUCTION	
SUB SECTOR	CIVIL ENGINEERING	
AREA	CONSTRUCTION	PROJECT MANAGEMENT
LEVEL 6	Construction Project Manager	
LEVEL 5	Construction Manager	
LEVEL 4	Construction Site Coordinator	Construction Project Executive
LEVEL 3	Construction Site Supervisor	Construction Project Inspector
LEVEL 2	Construction Site Technician / Foreman	Construction Project Technician
LEVEL 1	Construction Tradesman	

Table 3 and Table 4 outlines the hierarchical structure of occupational areas of construction project management within the building and construction sector specifically focusing on the sub-sector of civil engineering. The “sector” refers to the broader industry, while the “sub-sector” narrows it down to a specific area – in this case, civil engineering.

The levels, ranging from 1 to 6, define a progression or hierarchy of roles and responsibilities within the construction project management area. Overall, the structure represents the usual career path for someone in construction project management within the civil engineering field. It starts with beginner roles and moves up to positions with more responsibility and leadership.

A Construction Site Supervisor (CSS) is a professional responsible for overseeing the day-to-day operations on a construction site. They ensure that construction projects are completed safely, on time, and according to plans and specifications. Their duties typically include managing workers, coordinating activities, monitoring progress, ensuring compliance with safety regulations, and resolving issues that arise during construction ^[9].

CONCLUSION

In summary, it's crucial for all construction stakeholders to adhere to the amendments concerning the qualifications required for the Construction Project Manager authorized to sign Form G, as per the Uniform Building By-Law (UBBL) 1994 (amendment 2021). Non-compliance with these criteria may result in the rejection of their CCC application by the local authority. Therefore, staying informed about the latest regulatory updates and ensuring ongoing compliance is essential for the successful execution of construction projects and maintaining a positive reputation within the industry.

***The amended UBBL has yet to be gazetted by the respective state governments.*

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