



# 「組裝合成」建築法

## Modular Integrated Construction (MiC)

《電力條例》及《氣體安全條例》  
的法規要求

Statutory Requirements on  
Electricity Ordinance and Gas Safety Ordinance

# 《電力條例》 Electricity Ordinance (EO)

- 《電力條例》(第406章)於1990年制定  
Electricity Ordinance (Cap. 406) was enacted in 1990.
- 就規管本港電力安全供應和使用制定法律框架  
It provides a legal framework to regulate the safety of electricity supply and use.

# 《電力條例》(第406章) - 主要附屬規例 EO (Cap. 406) – Main Subsidiary Regulations

發電、輸電、配電

Power Generation, Transmission & Distribution



電力供應規例  
Electricity Supply Regulations  
供電電纜(保護)規例  
Electricity Supply Lines  
(Protection) Regulation

固定電力裝置

Fixed Electrical Installations



電力(線路)規例  
Electricity (Wiring)  
Regulations  
電力(註冊)規例  
Electricity (Registration)  
Regulations

家用電氣產品

Electrical Products



電氣產品(安全)規例  
Electrical Products (Safety)  
Regulation

# 固定電力裝置

## Fixed Electrical Installation

根據《電力條例》(第406章)及其附屬規例：

In accordance with the Electricity Ordinance (Cap. 406) and its subsidiary regulations:

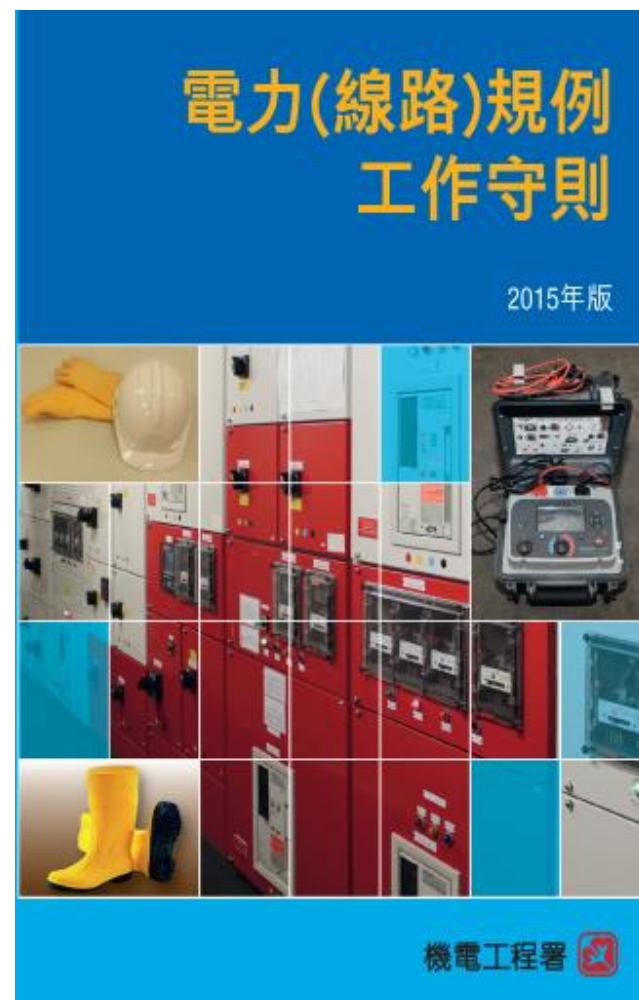
- 電力工作須由註冊電業承辦商進行  
Electrical work shall be carried out by a Registered Electrical Contractor (REC).
- 註冊電業承辦商須僱用註冊電業工程人員進行電力工作  
REC shall employ Registered Electrical Worker (REW) to carry out the electrical work.

# 固定電力裝置 (續)

## Fixed Electrical Installation (Continue)

- 註冊電業工程人員應根據《電力(線路)規例》工作守則的技術指引去設計、安裝、檢查及測試相關電力裝置

**REW** should follow the technical requirements on Code of Practice for the Electricity (Wiring) Regulations to design, install, inspect and test the related electrical installations.




# 固定電力裝置 (續)

## Fixed Electrical Installation (Continue)

- 有關電力裝置完成檢查及測試可供電使用前，**註冊電業工程人員**及**註冊電業承辦商**須簽發完工證明書(Form WR1)，以證明有關電力裝置符合條例的要求安裝

The related electrical installations after inspection and testing before the energization for use, **REW** and **REC** shall issue Work Completion Certificate (Form WR1) to certify the installations satisfied with the requirements of the Ordinance.

|  機電工程署<br>EMS<br>表格式 WR1<br>香港特別行政區政府<br>電力條例(第 406 章)<br>電力(線路)規例<br>完工證明書  |  | FORM WR1<br>THE GOVERNMENT OF THE HONG KONG<br>SPECIAL ADMINISTRATIVE REGION<br>ELECTRICITY ORDINANCE (CAP. 406)<br>ELECTRICITY (WIRING) REGULATIONS<br>WORK COMPLETION CERTIFICATE |  |
|---|--|---|--|
| 致 固定電力裝置所有人：<br>To the Owner of Fixed Electrical Installation:  |  |   |  |
| <b>第 1 部 (對設計方面的證明) Part 1 (For Certification of DESIGN)</b>  |  |   |  |
| (1) 本人，<br>為註冊電業工程人員，現按照《電力條例》(第 406 章)第 59 條下制定的《電力(線路)規例》第 19(1)條的規定，證明本證明書第 3 部所指定電力裝置的設計，符合條例的規定。<br>I, _____, a registered electrical worker (REW), pursuant to regulation 19(1) of the Electricity (Wiring) Regulations made under section 59 of the Electricity Ordinance, Chapter 406, hereby certify that the Fixed Electrical Installation depicted in Part 3 of this certificate has been designed in accordance with the Ordinance.   | 註冊電業工程人員簽署：<br>Signature of REW:<br>註冊編號 Registration No.:<br>簽發日期 Expiry Date:<br>類別 Grade:<br>准許工程 Permitted Works:<br>聯絡電話 Contact Tel. No.:<br>簽署日期 Date Signed: |   |  |
| (2) 本人，<br>茲代表 _____ (註冊電業承辦商)，現按照《電力條例》(第 406 章)第 34(1)條的規定，在本證明書上加蓋。<br>I, _____, on behalf of _____<br>(a registered electrical contractor (REC), endorse herewith in compliance with section 34(1) of the Electricity Ordinance, Chapter 406.   | 註冊電業承辦商簽署：<br>Signature of REC:<br>註冊編號 Registration No.:<br>簽發日期 Expiry Date:<br>聯絡電話 Contact Tel. No.:<br>簽署日期 Date Signed:  |   |  |
| <b>第 2 部 (對安裝、檢查及測試方面的證明) Part 2 (For Certification of INSTALLATION, INSPECTION &amp; TESTING)</b>  |  |   |  |
| (3) 本人<br>為註冊電業工程人員，現按照《電力條例》(第 406 章)第 59 條下制定的《電力(線路)規例》第 19(1)條的規定，證明(請填出適用的一段文字，並在表格內加上✓號)：<br>I, _____, a REW, pursuant to regulation 19(1) of the Electricity (Wiring) Regulations made under section 59 of the Electricity Ordinance, Chapter 406, hereby certify that (select the appropriate paragraph by ticking the appropriate box below):<br><input type="checkbox"/> 本人已於 _____ 年 _____ 月 _____ 日檢查本證明書第 3 部所指定的電力裝置，本人認為該電力裝置符合條例的規定，而且運作安全。<br>I have inspected the Fixed Electrical Installation depicted in Part 3 of this certificate on _____, I am satisfied that the Fixed Electrical Installation complies with the Ordinance and is in safe working order.<br><input type="checkbox"/> 本人已於 _____ 年 _____ 月 _____ 日檢查本證明書第 3 部所指定的電力裝置的其中部分，至於該電力裝置並非由本人檢查的部分，本人已按照《電力(線路)規例》第 21(3)條的規定，收到由其他註冊電業工程人員就該部分所發出的有效證明書(表格 WR1(A))。本人認為該電力裝置符合條例的規定，而且運作安全。<br>I have inspected only part of the Fixed Electrical Installation depicted in Part 3 of this certificate on _____, however in respect of those parts of the Fixed Electrical Installation which I have not inspected, I have received valid certificates (Form WR1(A)) certified by REWs for the individual parts as required under regulation 21(3) of the Electricity (Wiring) Regulation. I am satisfied that the Fixed Electrical Installation complies with the Ordinance and is in safe working order. | 註冊電業工程人員簽署：<br>Signature of REW:<br>註冊編號 Registration No.:<br>簽發日期 Expiry Date:<br>類別 Grade:<br>准許工程 Permitted Works:<br>聯絡電話 Contact Tel. No.:<br>簽署日期 Date Signed: |   |  |
| (4) 本人，<br>茲代表 _____ (註冊電業承辦商)，現按照《電力條例》(第 406 章)第 34(1)條的規定，在本證明書上加蓋，並確認此裝置紀錄已提交裝置負責人，而且本人亦根據《電力(線路)規例》第 22 條保存此紀錄的副本。<br>I, _____, on behalf of _____<br>(a REC), endorse herewith in compliance with section 34(1) of the Electricity Ordinance, Chapter 406, and confirm that the above inspection records have been given to the owner, and copies of which are being kept by me in accordance with regulation 22 of the Electricity (Wiring) Regulations.   | 註冊電業承辦商簽署：<br>Signature of REC:<br>註冊編號 Registration No.:<br>簽發日期 Expiry Date:<br>聯絡電話 Contact Tel. No.:<br>簽署日期 Date Signed:  |   |  |

註： ☐ 在適當表格內加上✓號  
NOTE: ☐ Tick the appropriate box

EMS/ET/WM (20/2008)

# 《氣體安全條例》

## Gas Safety Ordinance

- 《氣體安全條例》(第51章)於1991年制定  
Gas Safety Ordinance (Cap. 51) was enacted in 1991.
- 就本港氣體的進口、生產、儲存、運送、供應  
及使用作出規定  
To control the importation, manufacture, storage,  
transport, supply and use of gas.



# 《氣體安全條例》(第51章) - 附屬規例

## Gas Safety Ordinance (Cap. 51) – Subsidiary Regulations





# 規管重點

## Regulatory focus

- 設計原則,氣體配件的使用材料和處理來對抗腐蝕或惡劣環境

Design principles, use of material and treatment of gas fittings to combat corrosion or adverse conditions

- 確保施工質量，氣體配件的氣密性和完整性
- Ensuring quality of workmanship, tightness and integrity of the gas fittings

# 氣體喉管/配件須

## Gas pipes/fittings shall be:

- 以安全可靠的**材料**建造及**免被侵蝕**  
constructed of **sound materials** and **resist to corrosion**
- 以足夠的**大小**及**強度**可在該壓力下安全輸送該種氣體  
of adequate **size** and **strength** which can safely convey the gas at its operating pressure
- 受保護以抵禦不正常的**機械負荷**或狀況**迅速變壞**  
protected to withstand abnormal **mechanical loading** or **rapid deterioration**
- 獲得適當的**承托**、**置放**或**保護**，以免受到損壞  
**Supported, placed** or **protected** as to avoid damage
- 進行壓力試驗，以確保**結構良好**及**氣密**  
Tested to ensure **structurally sound** and **gastight**

# 安裝氣體裝置 Gas Installation



- 註冊**氣體工程承辦商**或其**僱員**，並需領有**合適**註冊級別的**氣體裝置技工**才可進行氣體裝置工程。
- A **registered gas contractor** or his **employee**, and shall be a **registered gas installer** who may carry out any gas installation work of a class in respect of which **he is so registered** can carry out such gas installation work.

| 氣體裝置工程的級別<br>Classes of Gas Installation Work |   |
|---|---|
| 住宅用<br>Domestic                               | <b>第一級 Class 1</b><br>安裝及測試接駁於石油氣瓶的平頭爐。<br>Install and commission an LPG hotplate used with a cylinder. |
|   | <b>第二級 Class 2</b><br>安裝住宅用喉管（不包括測試）。<br>Install domestic pipework.                                     |
|   | <b>第三級 Class 3</b><br>安裝 / 測試住宅用喉管及爐具。<br>Install / commission domestic pipework and appliances.        |
|   | <b>第四級 Class 4</b><br>安裝 / 測試 / 維修住宅用爐具。<br>Install / commission / service domestic appliances.         |
| 商業用<br>Commercial                             | <b>第五級 Class 5</b><br>安裝非住宅用喉管（不包括測試）。<br>Install non-domestic pipework.                                |
|   | <b>第六級 Class 6</b><br>安裝 / 測試非住宅用喉管及爐具。<br>Install / commission non-domestic pipework and appliances.   |
|   | <b>第七級 Class 7</b><br>安裝 / 測試 / 維修非住宅用爐具。<br>Install / commission / service non-domestic appliances.    |
| 工業用<br>Industrial                             | <b>第八級 Class 8</b><br>安裝 / 測試 / 維修工業用爐具。<br>Install / commission / service industrial appliances.       |

# 查詢及意見

## Enquiries and Opinions



有關電力及氣體安全的要求，可透過以下電話/郵  
聯絡我們：

For the requirements on Electricity and Gas Safety,  
you can contact us via the telephone/email below:

電力安全 Electricity Safety:

Telephone: 2808 3819

Email: [ci.eld@emsd.gov.hk](mailto:ci.eld@emsd.gov.hk)

氣體安全 Gas Safety:

Telephone: 2808 3683

Email: [gasso@emsd.gov.hk](mailto:gasso@emsd.gov.hk)



謝謝！  
Thank you !