

Guidance Notes for Commercial Electric Dryers and Electrical Installations in Commercial Laundry Premises



January 2022

Table of Contents

<u>Item</u>	<u>Description</u>	<u>Page No.</u>
1.	Scope and Introduction	3
2.	Terminology	4
3.	Commercial Electric Dryers	6
3.1	General Safety Requirements	6
3.2	Installation	7
3.3	Operation and Maintenance	8
4.	Fixed Electrical Installations in Commercial Laundry Premises	10
4.1	Installation	10
4.2	Operation and Maintenance	11
5.	Miscellaneous	11
5.1	Electrical installations installed and maintained by installation owner's registered electrical worker	11
5.2	Training	12
5.3	Housekeeping	12
5.4	Fire Safety Precaution	12
5.5	Safety Notice	12
5.6	Enquires	12
Appendix 1	Sample of HKAS Endorsed Test Certificate	14
Appendix 2	Work Completion Certificate (Form WR1)	15
Appendix 3	Work Completion (Part of an Installation) Certificate (Form WR1(A))	16
Appendix 4	Periodic Test Certificate (Form WR2)	17
Appendix 5	Periodic Test Certificate (Part of the Installation) (Form WR2(A))	18

1. Scope and Introduction

- 1.1. This Guidance Notes (hereinafter referred to as “the Notes”) provide general guidelines for owners / operators of commercial electric dryers (i.e. tumble dryers and condensation-type tumble dryers) to understand the safety requirements and precautionary measures on installation, operation and maintenance of commercial electric dryers and the associated electrical installations in commercial laundry premises. Registered Electrical Contractors (RECs) and Registered Electrical Workers (REWs) should also note the requirements in the Notes.
- 1.2. The Notes are prepared for guidance only and have no legal force. They are not applicable to electric dryers for household or industrial uses.
- 1.3. The Notes should not be regarded as exhaustive. It is the responsibility of the owners / operators to comply with relevant legal requirements for commercial laundry premises. For detailed legal requirements on electrical safety, please refer to the Electricity Ordinance (Cap. 406) and its subsidiary regulations (e.g. the Electricity (Wiring) Regulations).

2. Terminology

Terms	Definition
approved loading	the maximum current demand approved by an electricity supplier in respect of a fixed electrical installation.
condensation-type tumble dryer	tumble dryer in which the air used for drying process is dehumidified by cooling.
CoP	Code of Practice for the Electricity (Wiring) Regulations
Director	the Director of Electrical and Mechanical Services.
distribution board	an installed group of fuses, switches, circuit breakers or other outlet points arranged for the distribution of electricity.
electric dryer	a type of electric appliance which uses electricity to provide heating for clothes drying.
electrical equipment	machines, transformers, apparatus, appliances, measuring instruments, protective devices, wiring material, accessories, fittings and similar things, used for generation, conversion, transmission, distribution, control, measurement or utilization of electrical energy.
electrical installation	an assembly of associated electrical equipment.
electrical work	work in relation to the installation, commissioning, inspection, testing, maintenance, modification or repair of a low voltage or high voltage fixed electrical installation and includes the supervision and certification of that work and the certification of design of that installation.
fixed electrical installation	a low or high voltage electrical installation that is fixed to premises but does not include any electrical equipment that is supplied with electricity after passing through a socket of the installation at which the supply

	can be disconnected without the use of a tool.
owner	(a) a person who is in possession or control of an electrical installation; and (b) a person who holds premises in which an electrical installation is located, whether the premises are held under lease, licence or otherwise and includes an agent of that person and a tenant or occupier of premises.
Registered Electrical Contractor	an electrical contractor registered under Section 33 of the Electricity Ordinance, Cap. 406.
Registered Electrical Worker	an electrical worker registered under Section 30 of the Electricity Ordinance, Cap. 406.
tumble dryer	an appliance in which textile material is dried by tumbling in a rotating drum through which heated air is blown.

3. Commercial Electric Dryers

3.1. General Safety Requirements

- (a) Commercial electric dryers should be designed to relevant national / international standards or specifications recognized by the Director of Electrical and Mechanical Services (the Director), and so certified by the national / international organizations or any testing and certification authorities recognized or approved by the Director.
- (b) Relevant national / international standards currently recognized by the Director as listed in the Code of Practice for the Electricity (Wiring) Regulations (CoP) include:
 - (i) International Electrotechnical Commission Standards (IEC);
 - (ii) Guo Biao (GB);
 - (iii) British Standards (BS);
 - (iv) European Standards (EN) and Harmonization Document (HD);
 - (v) American National Standards (ANS);
 - (vi) Japanese Industrial Standards (JIS);
 - (vii) Australian Standards (AS).

IEC 60335-2-11 is one of the acceptable standards for commercial electric dryer.

- (c) Relevant national organisations currently recognized by the Director as listed in the Code of Practice for the Electricity (Wiring) Regulations (CoP) include:
 - (i) International Electrotechnical Commission;
 - (ii) Standardization Administration of China;
 - (iii) British Standards Institution;
 - (iv) European Committee for Electrotechnical Standardization (CENELEC);
 - (v) American National Standards Institute;

- (vi) Japanese Standards Association;
- (vii) Standards Australia.
- (d) For the purpose of product testing and certification, the test certificates or reports issued by the following organisations are recognised by the Director as specified in Code 4A(3) of the CoP:
 - (i) CB test certificates issued by national certification bodies participating in the IECEE (IEC System for Conformity Assessment Schemes for Electrotechnical Equipment and Components) CB Scheme;
 - (ii) Endorsed test certificates or reports, bearing the accreditation mark of HKAS/ HOKLAS, issued by laboratories accredited by Hong Kong Accreditation Service (HKAS) or Hong Kong Laboratory Accreditation Scheme (HOKLAS) for the relevant tests;
 - (iii) Endorsed test certificates or reports issued by laboratories that have been accredited by accreditation bodies which have mutual recognition arrangements with HKAS/ HOKLAS. The up-to-date list of accreditation bodies which have mutual recognition arrangements with HKAS/ HOKLAS can be found at the following hyperlink under the Innovation and Technology Commission website: <https://www.itc.gov.hk> (tel. no.: 3655 5856, fax no.: 2730 4633):-

https://www.itc.gov.hk/en/quality/hkas/doc/common/mramla/MRA_HOKLAS_en.pdf

Sample of HKAS endorsed test certificate is shown in Appendix 1. Any deviation on electrical safety, over temperature or fire safety shown on the certificate / test report is not acceptable. Please note that, according to the testing requirements in IEC 60335-2-11, commercial electric dryer should be able to operate safely during normal heating cycle and abnormal operating condition such that textile material shall not ignite and shall not show charring or glowing under abnormal condition.

3.2. Installation

- (a) Installation of commercial electric dryer shall follow the procedures in the technical manuals given by the dryer manufacturer/ supplier. The owner / operator should properly store and keep the technical manuals for future reference.

- (b) The power supply socket outlets or ON/OFF switches for the commercial electric dryer shall be installed near to the dryers as far as practicable.
- (c) Where exhaust duct or pipe is required, it should be as short as possible because venting of the exhaust may be hindered if duct or pipe is too long or contains too many bends. The outlet of the exhaust pipe should be free from any obstruction.
- (d) If it is not possible to make the exhaust duct or pipe short due to technical or environmental constraints, a mechanical exhaust system may be required. Under such circumstances, reference should be made to the installation manual from the electric dryer manufacturer / supplier. Please note that a mechanical exhaust system could avoid danger arising from accumulation of exhaust gas/ steam.
- (e) If the commercial electric dryers form part of the fixed electrical installation in the laundry premises, they should be installed by Registered Electrical Contractors and Registered Electrical Workers in accordance with the Electricity Ordinance (Cap. 406).
- (f) The Registered Electrical Contractor / Registered Electrical Worker shall install the commercial electric dryer and the associated electrical installation in accordance with the requirements in the Code of Practice for the Electricity (Wiring) Regulations, relevant national / international standards and technical guidelines provided by the manufacturer.
- (g) The Registered Electrical Contractor / Registered Electrical Worker should sign a Work Completion Certificate (Form WR1) and issue it to the owner after completion of the electrical installation or any work subsequent to repair, alteration or addition to an existing installation. This should be done before the installation is energised.
- (h) Where commercial electric dryers within the premises are not inspected and tested by the same Registered Electrical Worker, a single certificate (Form WR1) may be issued and certified by a Registered Electrical Worker to cover a number or all of the commercial electric dryers, provided that the Registered Electrical Worker has received the appropriate certificates (Form WR1(A)) signed by other Registered Electrical Workers for the individual dryers.
- (i) Every certificate should be signed by the Registered Electrical Worker and/or the Registered Electrical Contractor as required in the certificate.
- (j) The Work Completion Certificate (Form WR1) can be obtained from

EMSD's Customer Services Office or downloaded from government website (www.info.gov.hk/forms). Samples of the Work Completion Certificates (Forms WR1 and WR1(A)) are shown in Appendices 2 and 3 for reference.

3.3. Operation and Maintenance

- (a) The owner/ operator of the commercial electric dryers should follow the operation and maintenance instructions as specified in the technical manuals given by the manufacturer/ supplier. The owner / operator should properly store and keep the technical manuals for future reference.
- (b) Good air ventilation should be maintained in the dryer premises while the electric dryers, especially for those without exhaust pipe, are operating.
- (c) Dryers in operation should not be left unattended.
- (d) Do not overload the dryer as it would damage the equipment or shorten the equipment life.
- (e) The outlet of the exhaust duct or pipe, where provided, should be regularly inspected to ensure free from any obstruction.
- (f) The lint filter of the dryer should be cleaned regularly either before or after using.
- (g) Where exhaust duct is installed, the internal wall of an exhaust duct shall be cleaned regularly based on the manufacturer's recommendation and preferably not less than once per month to avoid accumulation of lint or foreign items that may obstruct exhaust outflow and cause fire. In case there is air leakage from exhaust ductwork, the whole section of ductwork should be properly repaired or replaced if considered necessary.
- (h) Where water tanks are provided (e.g. for condensation-type tumble dryers mentioned in IEC 60335-2-11), the tanks should be emptied either before or after each load and the condenser should be cleaned regularly in accordance with the instructions given by the manufacturer/ supplier.
- (i) The owner/ operator of the commercial electric dryer should arrange

regular inspection and maintenance including function check of the dryer in accordance with the technical manual provided by the manufacturer.

- (j) Electric dryer should be maintained in accordance with the requirements in the Code of Practice for the Electricity (Wiring) Regulations, relevant national / international standards and technical guidelines provided by the manufacturer.
- (k) The owner/ operator should employ Registered Electrical Contractor/ Registered Electrical Worker to carry out electrical maintenance work for fixed electrical installations in the commercial dryer. If electricity supply for the commercial electric dryer is fed only from a plug and socket outlet arrangement, the owner/ operator may employ either a Registered Electrical Contractor/ Registered Electrical Worker or an experienced technician to carry out the electrical maintenance work for electrical components of the commercial gas dryer.
- (l) Work on a fixed electrical installation (including installation, commissioning, inspection, testing, maintenance, modification, repair, supervision and certification of electrical installations) shall be carried out by Registered Electrical Contractors and Registered Electrical Workers in accordance with the Electricity Ordinance (Cap. 406).
- (m) Upon completion of electrical work on a fixed electrical installation, the Registered Electrical Contractor and Registered Electrical Worker shall certify that the installation is safe in accordance with the requirements of the Electricity Ordinance and the Electricity (Wiring) Regulations by issuing a Work Completion Certificate (Form WR1) or a Periodic Test Certificate (Form WR2), specifying details of the work as well as the name and registration number of the Registered Electrical Contractor and Registered Electrical Worker who have carried out the work.
- (n) Forms WR1 and WR2 can be obtained from EMSD's Customer Services Office or downloaded from government website (www.info.gov.hk/forms). Samples of the forms are shown in Appendices 2 to 5 for reference.

4. Fixed Electrical Installations in Commercial Laundry Premises

4.1. Installation

- (a) Fixed electrical installation is defined in the Electricity Ordinance (Cap. 406) as "a low or high voltage electrical installation that is fixed to

premises but does not include any electrical equipment that is supplied with electricity after passing through a socket of the installation at which the supply can be disconnected without the use of a tool.”

- (b) In general, fixed electrical installations in commercial dryer premises include incoming supply cables to the premises, main and sub-main distribution boards, lighting installation, air-conditioning and ventilation installations, socket outlet circuits, switches and connectors, etc.
- (c) Work on a fixed electrical installation (including installation, commissioning, inspection, testing, maintenance, modification, repair, supervision and certification of electrical installations) shall be carried out by Registered Electrical Contractors and Registered Electrical Workers in accordance with the Electricity Ordinance (Cap. 406).
- (d) The technical design and installation of the fixed electrical installation should comply with the requirements in the Code of Practice for the Electricity (Wiring) Regulations.
- (e) Electrical equipment such as lighting fittings, cables, distribution board, switches etc., should comply with relevant national / international standards and so certified by relevant national / international organization or testing authorities as specified in the Code of Practice for the Electricity (Wiring) Regulations.
- (f) Upon completion of work on a fixed electrical installation, the Registered Electrical Contractor and Registered Electrical Worker shall certify that the installation is safe in accordance with the requirements of the Electricity Ordinance and the Electricity (Wiring) Regulations by issuing a Work Completion Certificate (Form WR1) specifying details of the work as well as the name and registration number of the Registered Electrical Contractor and Registered Electrical Worker who have carried out the work.
- (g) The electrical schematic diagram as well as the inspection and testing results should be attached with the Form WR1.

4.2. Operation and Maintenance

- (a) If the approved loading of the fixed electrical installation in a commercial laundry premises exceeds 100A (Amperes), the owner of the fixed electrical installation shall arrange a Registered Electrical Contractor / Registered Electrical Worker to carry out inspection, testing and certification of the installation at least once every 5 years.

- (b) Upon satisfactory completion of the inspection and testing work, a periodic test certificate (Form WR2) will be issued by the Registered Electrical Contractor and Registered Electrical Worker. The owner shall submit the WR2 certificate to EMSD for endorsement, ensure safe custody of the endorsed WR2 certificate and make it available for inspection by the Director as and when required.

5 Miscellaneous

5.1. Electrical installations installed and maintained by installation owner's registered electrical worker

Section 35(1) of the Electricity Ordinance specifies "no person shall employ a person other than a registered electrical contractor to carry out electrical work". Section 35(3) of the Electricity Ordinance also states that "an owner of an electrical installation may employ a registered electrical worker of the appropriate grade on a full time basis at a regular wage or salary to do electrical work on that installation." In the latter case, the owner of the electrical installation who employs the Registered Electrical Worker to do the work should sign as the Registered Electrical Contractor in the appropriate WR1 / WR2 and should then assume responsibilities of a Registered Electrical Contractor.

5.2. Training

- (a) The owner should provide necessary information, operation, cleaning and safety precaution trainings of the dryer system to their operators who involve in the operation of the dryer.
- (b) The owner / operator of the commercial electric dryers should arrange basic safety training for his staff so that they are aware of the general rules of operation and safety. The safety training should cover daily inspection, safe use of electricity and use of fire extinguishers. For details of these courses, please check with the Vocational Training Council and other educational institutions.

5.3. Housekeeping

The owner/operator shall not use aerosol products in the vicinity of the dryer while it is in operation and should maintain a clearance of at least 1 metre between combustible materials such as clothes and plastic bags, etc. and the dryer. Improper use of aerosol will cause explosion because aerosol could form explosive mixture with air and spark would be generated from an operating dryer.

5.4. Fire Safety Precaution

- (a) The owner / operator should provide adequate fire fighting equipment such as fire extinguisher next to the dryer for extinguishing fire in case of emergency.
- (b) Fire drill is recommended to be carried out by the owner/operator on a regular basis.

5.5. Safety Notice

A safety notice made of durable material with wording "Keep well ventilated when dryer is in operation" is recommended to be fixed permanently at a conspicuous location on the dryer.

5.6. Enquiries

For further information, please consult your Registered Electrical Contractor or Registered Electrical Worker. You may also call the government hotline 1823 or browse at the EMSD website: <http://www.emsd.gov.hk>.

Sample of HKAS Endorsed Test Certificate

The laboratory's name, address and telephone number, and the address at which the test was carried out if different from the laboratory's address

ABC Testing Limited
23 Testing Avenue.
Kowloon. Hong Kong.
Tel: 2399 5555 Fax: 2399 5556
Website: www.abctesting.com

HKAS
HONG KONG
TEST

The accreditation mark and the laboratory's registration number

TEST REPORT

Unique identification number or code

Customer:
Innovation & Technology Commission
36/F. Immigration Tower
7 Gloucester Road
Hong Kong

Test Report No : ABC/0001/13
Date of Issue : 26 March 2013
Date of Receipt : Page 1 of 3 pages
Date of Test : 1 March 2013
Date of Test : 2 March 2013

Date of issue

Page number in the form shown if more than one page

The handwritten signature and typed full name of approved signatory as indicated on his/her identity document

LEE Ying Ho

A statement about the laboratory's accreditation

HKAS has accredited this laboratory (HOKLAS Reg. No.) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

A statement about the reproduction of the report

Such report or certificate shall not be reproduced except in full (or a statement indicating the conditions under which such report or certificate may be reproduced either in full or in part.).

Work Completion Certificate (Form WR1)



表格 WR1
香港特別行政區政府
電力條例(第 406 章)
電力(線路)規例
完工證明書

FORM WR1
THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION
ELECTRICITY ORDINANCE (CAP. 406)
ELECTRICITY (WIRING) REGULATIONS
WORK COMPLETION CERTIFICATE

致 固定電力裝置擁有人：
To the Owner of Fixed Electrical Installation,

第 1 部 (對設計方面的證明) Part 1 (For Certification of DESIGN)

- | | |
|---|--|
| <p>(1) 本人 _____ 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 部所指固定電力裝置的設計，符合條例的規定。</p> <p>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.</p> | <p>註冊電業工程人員簽署：
Signature of REW:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>級別 Grade:</p> <p>准許工程 Permitted Works:</p> <p>聯絡電話 Contact Tel. No.:</p> <p>簽署日期 Date Signed:</p> |
| <p>(2) 本人 _____，茲代表 _____ (註冊電業承辦商)，現遵照《電力條例》(第 406 章) 第 34(11)條的規定，在本證明書上加蓋。</p> <p>I, _____, on behalf of _____
(a registered electrical contractor(REC)), endorse herewith in compliance with section 34(11) of the Electricity Ordinance, Chapter 406.</p> | <p>註冊電業承辦商簽署：
Signature of REC:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>聯絡電話 Contact Tel. No.:</p> <p>簽署日期 Date Signed:</p> |

第 2 部 (對安裝、檢查及測試方面的證明)
Part 2 (For Certification of INSTALLATION, INSPECTION & TESTING)

- | | |
|---|---|
| <p>(3) 本人 _____ 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 (請選出適用的一段文字，並在其空格內加上✓號)：-</p> <p>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) :-</p> <p><input type="checkbox"/> 本人已於 _____ 年 _____ 月 _____ 日檢查本證明書第 3 部所指的固定電力裝置，本人認為該固定電力裝置符合條例的規定，而且操作安全。
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.</p> <p><input type="checkbox"/> 本人已於 _____ 年 _____ 月 _____ 日檢查本證明書第 3 部所指固定電力裝置的其中部分，至於該固定電力裝置並非由本人檢查的各部分，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個別部分所發出的有效證明書 (表格 WR1(A))，本人認為該固定電力裝置符合條例的規定，而且操作安全。
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.</p> | <p>註冊電業工程人員簽署：
Signature of REW:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>級別 Grade:</p> <p>准許工程 Permitted Works:</p> <p>聯絡電話 Contact Tel No.:</p> <p>簽署日期 Date Signed:</p> |
| <p>(4) 本人 _____，茲代表 _____ (註冊電業承辦商)，現遵照《電力條例》(第 406 章) 第 34(11)條的規定，在本證明書上加蓋；並確認此檢查紀錄已送交裝置擁有人，而且本人亦根據《電力(線路)規例》第 22 條保存此紀錄的副本。</p> <p>I, _____, on behalf of _____
(a REC), endorse herewith in compliance with section 34(11) 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.</p> | <p>註冊電業承辦商簽署：
Signature of REC:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>聯絡電話 Contact Tel. No.:</p> <p>簽署日期 Date Signed:</p> |

註： ☐ 在適當空格內加上✓號
NOTE: ☐ Tick the appropriate box

EMS/EL/44 (04/2019)

Work Completion (Part of an Installation) Certificate (Form WR1(A))



表格 WR1(A)
香港特別行政區政府
電力條例(第 406 章)
電力(線路)規例
完工(部分裝置)證明書

FORM WR1(A)
THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION
ELECTRICITY ORDINANCE (CAP. 406)
ELECTRICITY (WIRING) REGULATIONS
WORK COMPLETION (PART OF THE INSTALLATION) CERTIFICATE

致註冊電業工程人員：
To The Registered Electrical Worker,

第 1 部 (對設計方面的證明) Part 1 (For Certification of DESIGN)	
<p>(1) 本人 _____ 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 部所指固定電力裝置的設計，符合條例的規定。</p> <p>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.</p>	<p>註冊電業工程人員簽署： Signature of REW:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>級別 Grade:</p> <p>准許工程 Permitted Works:</p> <p>聯絡電話 Contact Tel. No.:</p> <p>簽署日期 Date Signed:</p>
<p>(2) 本人 _____，茲代表 _____ (註冊電業承辦商)，現遵照《電力條例》(第 406 章) 第 34(11)條的規定，在本證明書上加蓋。</p> <p>I, _____, on behalf of _____ (a registered electrical contractor(REC)), endorse herewith in compliance with section 34(11) of the Electricity Ordinance, Chapter 406.</p>	<p>註冊電業承辦商簽署： Signature of REC:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>聯絡電話 Contact Tel. No.:</p> <p>簽署日期 Date Signed:</p>

第 2 部 (對安裝、檢查及測試方面的證明) Part 2 (For Certification of INSTALLATION, INSPECTION & TESTING)	
<p>(3) 本人 _____ 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，證明本人已於 _____ 年 _____ 月 _____ 日檢查本證明書第 3 部所指的固定電力裝置，本人認為該固定電力裝置符合條例的規定，而且操作安全。</p> <p>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 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.</p>	<p>註冊電業工程人員簽署： Signature of REW:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>級別 Grade:</p> <p>准許工程 Permitted Works:</p> <p>聯絡電話 Contact Tel No.:</p> <p>簽署日期 Date Signed:</p>
<p>(4) 本人 _____，茲代表 _____ (註冊電業承辦商)，現遵照《電力條例》(第 406 章) 第 34(11)條的規定，在本證明書上加蓋；並且本人已根據《電力(線路)規例》第 22 條保存此檢查紀錄的副本。</p> <p>I, _____, on behalf of _____ (a REC), endorse herewith in compliance with section 34(11) of the Electricity Ordinance, Chapter 406, and confirm that copies of the above inspection records are being kept by me in accordance with regulation 22 of the Electricity (Wiring) Regulations.</p>	<p>註冊電業承辦商簽署： Signature of REC:</p> <p>註冊編號 Registration No.:</p> <p>屆滿日期 Expiry Date:</p> <p>聯絡電話 Contact Tel. No.:</p> <p>簽署日期 Date Signed:</p>

註：☐在適當空格內加上✓號
NOTE: ☐Tick the appropriate box

EMSD/EL/45 (04/2019)

Periodic Test Certificate (Form WR2)



FORM WR2
THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION
ELECTRICITY ORDINANCE (CAP. 406)
ELECTRICITY (WIRING) REGULATIONS
PERIODIC TEST CERTIFICATE

此欄不用填寫
For Official use only
收件日期:
Receipt Date:
收據編號:
Receipt Number:

(注意：填寫此申請表格前請參閱「表格 WR2 備註」。申請人應以正楷填寫此申請表格各欄，並應在表格上簽署。)

(Note: Before you complete this form, please read carefully the notes on "NOTES TO FORM WR2". The applicant should complete all sections of this application form in block letters and sign the form.)

致 機電工程署署長：

To the Director of Electrical & Mechanical Services,

第 1 部 Part 1

(1) (請參閱備註 2 & 3 Please see notes 2 & 3)

本人 _____，下方簽署人，為按電力條例（第 406 章）第 30 條所註冊的註冊電業工程人員，茲證明
本人已於 _____/_____/_____（日/月/年）（請在空格內加 ✓ 號，只可選一空格）

I, _____, the undersigned, a registered electrical worker (REW) registered under Section 30 of the Electricity Ordinance (Cap. 406), hereby certify that I have on _____/_____/_____ (DD/MM/YY) (Please tick in the appropriate box and only one box is allowed)

☐ 檢查及測試背頁第 3 部第 6 項載述的固定電力裝置。
inspected and tested the fixed electrical installation described in item 6 of Part 3 overleaf.

☐ 檢查及測試背頁第 3 部第 6 項載述的固定電力裝置的其中部分，並已收到由其他適當級別的註冊電業工程人員就個別部分所發的有效證明書（表格 WR2(A)）。
inspected and tested only part of the fixed electrical installation described in item 6 of Part 3 overleaf and have received valid certificates (FORM WR2(A)) certified by other REWs of appropriate grades, for other individual parts.

本人信納該固定電力裝置符合電力條例(第 406 章)及其附屬法例的規定。

I am satisfied that the fixed electrical installation complies with the Electricity Ordinance (Cap. 406) and its subsidiary legislations.

簽署 _____ 簽署日期 _____
Signature _____ Date Signed _____

(2) (請參閱備註 4 Please see note 4)

本人 _____，下方簽署人，茲代表 _____，（請在空格內加 ✓ 號，只可選一空格）

I, _____, the undersigned, on behalf of _____, (Please tick in the appropriate box and only one box is allowed)

☐ 為按電力條例（第 406 章）第 33 條所註冊的註冊電業承辦商。
a registered electrical contractor (REC) registered under Section 33 of the Electricity Ordinance (Cap. 406),

☐ 為電力條例（第 406 章）第 35(3) 條所指的固定電力裝置擁有人。
the owner of the fixed electrical installation as stipulated in Section 35(3) of the Electricity Ordinance (Cap. 406),

現遵照電力條例（第 406 章）第 34(11) 條的規定，在本證明書上加簽。

endorse herewith in compliance with Section 34(11) of the Electricity Ordinance (Cap. 406).

簽署 _____ 簽署日期 _____
Signature _____ Date Signed _____

第 2 部 Part 2

此欄由機電工程署加簽
To be endorsed by E.M.S.D.

* 請將不適用的刪去

Delete whichever is inapplicable

EMSD/EL/46 (04/2019)

Periodic Test Certificate (Part of the Installation) (Form WR2(A))



表格 WR2(A)
香港特別行政區政府
電力條例(第 406 章)
電力(線路)規例
定期測試(部分裝置)證明書

FORM WR2(A)
THE GOVERNMENT OF THE HONG KONG
SPECIAL ADMINISTRATIVE REGION
ELECTRICITY ORDINANCE (CAP. 406)
ELECTRICITY (WIRING) REGULATIONS
PERIODIC TEST CERTIFICATE (PART OF THE INSTALLATION)

此欄不用填寫
For Official use only

收件日期：
Receipt date:

收據編號：
Receipt Number:

致 註冊電業工程人員：
To the Registered Electrical Worker,

第 1 部 Part 1

- (1) 本人 _____, 下方簽署人, 為按電力條例(第 406 章)第 30 條所註冊的註冊電業工程人員, 茲證明本人已於 _____/_____/_____(日/月/年)檢查及測試下列第 2 部第 5 項載述的固定電力裝置。本人信納該固定電力裝置符合電力條例(第 406 章)及其附屬法例的規定。

I, _____ the undersigned, a registered electrical worker (REW) registered under Section 30 of the Electricity Ordinance (Cap. 406), hereby certify that I have inspected and tested the fixed electrical installation described in item 5 of Part 2 below on _____/_____/_____(D/M/Y). I am satisfied that the fixed electrical installation complies with the Electricity Ordinance (Cap. 406) and its subsidiary legislations.

簽署 _____ 簽署日期 _____
Signature _____ Date Signed _____

- (2) 本人 _____, 下方簽署人, 茲代表電力條例(第 406 章)第 33 條所註冊的註冊電業承辦商, _____, 遵照電力條例(第 406 章)第 34(11)條的規定, 在本證明書上加簽, 本人亦根據電力(線路)規例(第 406 章, 附屬條例)第 22(1)條的規定保存一切有關上列電業工程人員所進行的電業工程記錄。

I, _____ the undersigned, on behalf of _____, a registered electrical contractor (REC) registered under Section 33 of the Electricity Ordinance (Cap. 406), endorse herewith in compliance with Section 34(11) of the Electricity Ordinance (Cap. 406). All relevant records of electrical works carried out by the above REW are being kept by me in accordance with Regulation 22(1) of the Electricity (Wiring) Regulations (Cap. 406 sub. leg.).

簽署 _____ 簽署日期 _____
Signature _____ Date Signed _____

第 2 部 Part 2

- (3) 註冊電業工程人員資料：

Particulars of REW:

註冊電業工程人員姓名

Name of REW: _____

註冊編號：

Registration No.: _____

級別：

Grade: _____

聯絡電話：

Contact Tel. No.: _____

准許工程：

Permitted Work: _____

屆滿日期：

Expiry Date: _____

- (4) 註冊電業承辦商資料：

Particulars of REC:

註冊電業承辦商名稱：

Name of REC: _____

註冊編號：

Registration No.: _____

聯絡地址：

Correspondence Address: _____

聯絡電話：

Contact Tel. No.: _____

屆滿日期：

Expiry Date: _____

- (5) 固定電力裝置資料：

Particulars of the fixed electrical installation:

固定電力裝置所在地址：

Address of the fixed electrical installation: _____

固定電力裝置受檢查部分的說明, 另附圖則 _____ 頁及簡要說明 _____ 頁。

Description of inspected part of the fixed electrical installation with _____ schematic diagram(s) and _____ description sheet(s)

固定電力裝置受檢查部分的最大開關器件為 _____ 安培 _____ 伏特, * 單相 / 三相。

Largest switching device of the inspected part of the fixed electrical installation: _____ amperes _____ volts, * single / three phase.

* 請將不適用的刪去
Delete whichever is inapplicable

EMSD/EL/47 (04/2019)