مجلس أبـــوظبي للـجـودة والـمـطابـــقـة
ABU DHABI QUALITY & CONFORMITY COUNCIL

Abu Dhabi Quality and Conformity Council (QCC)

Specific Requirements for Electric Vehicle Supply Equipment

QCC-PCS-ASP040.02

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Authorized Holder:

Authorized by:

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Amendment Page

To ensure that each controlled copy of this conformity assessment scheme contains a complete record of amendments, the Amendment Page is updated and issued with each set of revised/new pages of the document.

Issue	Date	Sections	Amendments
01	22-JUN-2017	Scheme Launched	
02	22-JAN-2019	2	Added Definitions for Product Certification and Product Registration processes
		4 and 5	Removed section on the QCC Trustmark and incorporated relevant information into new section 5 on Applicable Types of Fonformity Assessment
		6	Certification Requirements Section divided into 6.1: General requirements for both Product Certification and Product Registration 6.2: Specific Requirement for each process and 6.3, 6.4: Submission requirements for each process
		9	Surveillance and Audit Proceedures updated to reflect addition of Product Registration process
		10	Added section on process for Certificate/License renewal, extension of certification scope
		11	Definition of Fees and differences in fees between Product Certification, Product Registration further defined
		Appendix 1	Removed previous Product Conformity Assessment process chart
		Appendix A	Added Product Registration Declaration Form
		Appendix B	Added Product Registration Critical Components Form

	Name	Designation	Signature
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Reviewed By	**Scheme Stakeholders**	**DoE, ADDC, AADC**	Signed Consensus Agreemnts
Approved By	**Abdulla Al Muaini**	**Conformity Scheme Services Executive Director**	

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1 ABOUT THE ABU DHABI QUALITY AND CONFORMITY COUNCIL

The Abu Dhabi Quality and Conformity Council (QCC) was established by law No. 3 of 2009, issued by His Highness Sheikh Khalifa Bin Zayed Al Nahyan, President of the UAE and Ruler of Abu Dhabi.

The QCC consists of a council of regulators that facilitate the provision of quality infrastructure in line with global standards. This quality infrastructure enables industry and regulators to ensure that products, systems and personnel can be tested and certified to UAE and International Standards. In addition to supporting regulators and government organizations through offering quality and conformity assessment facilities, expertise and resources, the Council is also engaged in promoting a culture of quality towards consumers. Additionally, the QCC is responsible for raising the quality of local products and ensuring Abu Dhabi exports meet international standards to improve interactions with global trade and integration into the global economy, as envisioned The Abu Dhabi Economic Vision 2030 and The Abu Dhabi Plan.

2 FOREWORD

The Abu Dhabi Conformity Assessment Scheme for Electric Vehicle Supply Equipment (EVSE) enables manufacturers, suppliers and distributors of EVSE to obtain either **Product Certification** or **Product Registration**.

- The **Product Certification** process is designed to communicate that products conform to the safety, quality and performance standards set by Abu Dhabi regulators. The process involves an in-depth assessment of the product conformity through technical evaluation of submitted testing and certification conformity evidence. Products which are certified by the QCC bear the right to use the Abu Dhabi Trustmark for Environmental Performance on the product, packaging or promotional material and are subject to ongoing market surveillance by the QCC for continued conformity with the certification requirements
- The **Product Registration** process is a limited assessment of the product conformity when compared to the Product Certification process. The process involves assessment of the product conformity through evaluation of submitted descriptions of product specifications, listing of the EVSE critical components and declaration of conformity to the required test standards. Products which are registered are issued a Certificate of registration valid for 3-years and are not subject to follow-up market surveillance of the products continued conformity

Product Certification or Product Registration indicate that the equipment meets quality, safety and performance specifications suitable for the Emirate of Abu Dhabi. These specifications incorporate the following requirements as part of a regulatory system to ensure the design of EVSE meets the electrical installation safety requirements of Abu Dhabi.

- Quality assurance of the manufacturing process through implementation of a suitable Quality Management System (QMS)

- The Abu Dhabi Department of Energy Electricity Wiring Regulation (Third Edition) including Addendum No. 1 for Electric Vehicles Charging Systems issued January 2017
- The Emirate Authority for Standardisation and Metrology (ESMA) UAE regulation on Electric Vehicles (currently under development)

3 SCOPE

This conformity assessment scheme ensures that EVSE and their components comply with the relevant IEC/BS/EN standards as required by the Electricity Wiring Regulations (third edition) Addendum No. 1 2017. This includes the compliance of:

1. Conductive charging system modes
2. Plugs, socket-outlets, Vehicle Connectors.
3. Degree of protection (IP)
4. Mechanical Impact protection (IK)

The scope of this conformity assessment scheme covers EVSE as defined in clause 1.9 of the RSB Electricity Wiring Regulations (Third Edition) Addendum No. 1 and IEC 61851-1 Clause 3.9:

'Conductors, including the phase, neutral and Circuit Earth Conductors, the electric Vehicle (EV) Couplers, attachment plugs, and all other accessories, devices, power outlets or apparatuses installed specifically for the purpose of delivering energy from the premises wiring to the EV and allowing communication between them if required.'

The scope covers both a.c. and d.c. dedicated conductive charging equipment designated for indoor or outdoor use in all locations where such equipment may be required including but not limited to domestic installations, on-street installation, public and private car parks, malls, offices and single-level or multi-story car parks.

The scope covers EVSE with charging modes 2, 3 and 4 as defined in clause 6.2 of IEC 61851-1. The scope also covers plugs, socket-outlets, vehicle connectors and vehicle inlets for conductive charging of electric vehicles as described in IEC 62196-1, 62196-2 and 62196-3.

The scope does not include

- Mode 1 charging equipment as defined in IEC 61581-1 clause 6.2 is excluded from the scope of certification by way of its prohibition in the RSB Wiring Regulation
- Inductive charging equipment and electrical installations meant for scooters or similar vehicles of 10 A or less

It is anticipated that implementation of this conformity assessment scheme will significantly benefit the Emirate of Abu Dhabi by ensuring the safe establishment of infrastructure critical to electric vehicles which in turn will facilitate achievement of the Emirate's air quality and greenhouse gas emissions targets through replacement of traditional combustion-based vehicles with electric or plug-in hybrid vehicles.

4 REFERENCES

The following standards and guidance documents (on their latest version to date) have been used to define the specifications within this conformity assessment scheme:

- The Electricity Wiring Regulations (Third Edition) including Addendum No. 1 January 2017. Issued by the Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirate of Abu Dhabi.
- The Pearl Rating System for Estidama – Building Rating System: Design & Construction. Version 1.0, April 2010 Issued by the Abu Dhabi Urban Planning Council

In addition, the product, testing and systems standards listed in Table 1. are referenced as critical to demonstrate EVSE compliance with the requirements of the QCC conformity assessment scheme:

Table 1. Critical standards documents related to EVSE products

Reference Standard	Title
IEC 61851-1	Electric vehicle conductive charging system - Part 1: General requirements
IEC 61851-21-2	Electric vehicle conductive charging system - Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply – EMC requirements for off board electric vehicle charging systems
IEC 61851-22*	Electric vehicle conductive charging system - Part 22: AC electric vehicle charging station
IEC 61851-23	Electric vehicle conductive charging system - Part 23: DC electric vehicle charging station
IEC 61851-24	Electric vehicle conductive charging system - Part 24: Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging
IEC 62196-1	Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements
IEC 62196-2	Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories
IEC 62196-3	Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers
IEC 60529	Degrees of protection provided by enclosures (IP Code)
IEC 62262	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
IEC 60068-2-75	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests

IEC 60309-1	Plugs, socket-outlets and couplers for industrial purposes - Part 1: General requirements
ISO/IEC 9001:2015	Quality management systems -- Requirements
ISO/IEC 17021-3	Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part 3: Competence requirements for auditing and certification of quality management systems
ISO/IEC 17025	General requirements for the competence of testing laboratories
ISO/IEC 17067	Conformity assessment – Fundamentals of product certification and guidelines for product certification schemes

* IEC 61851-22 is currently withdrawn from the IEC standard database as it has been incorporated into IEC 61851-1:2017

The latest issue of the above standards shall be considered the preferred version when evaluating information submitted for conformity assessment, although information referencing the previous issue of the standard may be allowed for a suitable transition period after the publication of the latest issue, to be determined by the QCC. If the standard itself refers to a transition period, the rules of this transition period will be applied if still currently in effect.

5 APPLICABLE TYPES OF CONFORMITY ASSESSMENT

Companies applying for QCC conformity assessment of EVSE can choose between the following options

- **Product Certification** and license for use of the Abu Dhabi Trustmark or
- **Product Registration** without license for use of the Abu Dhabi Trustmark

5.1 Product Certification and License for the Abu Dhabi Trustmark

Products that achieve certification through formal evaluation against the QCC conformity assessment scheme criteria defined in section 6 through the provision of evidence of conformity as defined in section 6.3 will be issued with a Certificate of Conformity and the company holding the certification will be issued a license to use the Abu Dhabi Trustmark on the certified EVSE products and in product promotion. Both the Certificate and License will have a 3-year validity after which time the products must reapply for certification through provision of evidence of continued conformity as defined in section 6.3. The Certificate of Conformity enables manufacturers, distributors and suppliers of EVSE to present evidence of meeting appropriate standards for Abu Dhabi's built environment. Applicable fees for Product Certification are given in section 11.1.

Products carrying the Abu Dhabi Trustmark are subject to ongoing surveillance and testing within the marketplace as defined by section 9. In coordination with the Abu Dhabi and Al Ain Distribution Companies (ADDC/AADC) the QCC's market surveillance

inspectors actively ensure that the integrity of the Trustmark is maintained through market surveillance, sampling and testing of products bearing the Trustmark.

5.2 Product Registration without license for use of the Abu Dhabi Trustmark

Products that achieve registration through formal evaluation against the QCC conformity assessment scheme criteria defined in section 6 through the provision of evidence of conformity as defined in section 6.4 will be issued with a QCC Certificate of Registration. The Certificate of registration will have a validity of 3 years and after expiry of the registration period the products must apply for a new registration application through provision of evidence of conformity as defined in section 6.4. Suppliers of products which are issued a Certificate of registration are not licensed to use the QCC Trustmark in association with the registered products and the products are not subject to ongoing market surveillance activities by the QCC. Applicable fees for Product Registration are given in section 11.4.

Advisory notes:

The QCC Certificate of Conformity or Certificate of Registration shall be used to:

- Support the connection of EVSE to the electrical utility by demonstrating compliance with the Department of Energy Electricity Wiring Regulation (Third Edition) including Addendum No. 1 2017 when requested by ADDC and AADC
- Support the submission requirements of the Estidama PBRS credit LB0-8: Preferred Car Parking Spaces through provision of certified vehicle charging points

The provision of conformity assessment by the QCC through product registration will be subject to review before 31st January 2020. Based on the availability of products in the Abu Dhabi Market which can meet the technical requirements of Product Certification given in section 6.4 and subject to consensus agreement by the stakeholders of this conformity assessment scheme, the option to apply for registration may be revised or removed after this date.

A number of factors additional to the characteristics addressed in this assessment and surveillance plan may influence the performance of products, e.g. installation, maintenance, modification and incorrect operation. Such factors are beyond the scope of the third party product conformity assessment described in this document. The QCC recommends that suitable precautions including the use of licensed electrical contractors, to ensure continued compliance of installed products. The Guidelines for the installation of EVSE, published by the Department of Energy, provides an introduction to the basic knowledge and technical requirements for EVSE and guidance on the process for installing and connecting EVSE in Abu Dhabi.

The requirements for certification or registration herein may from time to time be varied by the issue of one or more 'QCC Notices' issued as controlled documents to certificate holders.

6 COMMON SUBMISSION REQUIREMENTS FOR BOTH PRODUCT CERTIFICATION AND PRODUCT REGISTRATION

In order for a product to receive either Product Certification or Product Registration, an application must be submitted by the manufacturer, supplier or distributor of the EVSE which provides evidence of conformity to all the criteria given in sections 6.1 and 6.2.

6.1 General Requirements for both Product Certification and Product Registration

The general requirements for product certification or registration along with the terms and conditions for use of the Trustmark are contained in the online application submission form available in the QCC Jawdah website: http://jawdah.qcc.abudhabi.ae/en/Registration/Pages/ProductRequestForm.aspx. Applicant companies must first register as a user on the Jawdah website before submitting an application.

The applicant company shall provide the following as part of the application submission for either Product Certification or Product Registration:

- A valid Commercial License to sell and/or distribute the product(s) applying for certification within the UAE or industrial license for manufacture of the product(S)
- An authorisation letter from the manufacturer to deal with the product(s) seeking QCC conformity assessment (if the applicant is not the manufacturer)
- The ISO 9001:2015 certification of the manufacturer of the EVSE (not the importer, distributor, supplier or installer), the ISO 9001:2015 certificate being issued by a certification body accredited according to ISO/IEC 17021-3 by an accreditation body signatory to the International Accreditation Forum Multilateral Recognition Agreement (IAF MLA). The QCC reserves the right to conduct on-site factory audits for verification of the quality standards and procedures. If required, this will be covered by a Factory Audit Procedure.
- Detailed product specifications, descriptions and product photo(s) including product marking plate labelling compliant with section 6.2.4.
- The EVSE product installation and usage manual issued by the manufacturer which includes instructions on safety, handling, mechanical mounting, earthing and maintenance which is suitable for use by the installer and the end user
- Product datasheets issued by the manufacturer in a form suitable for the installer to provide to the end-user. It shall include full model number, electrical data and tolerances matching the information on the test certificates, type testing reports or declarations submitted to the QCC
- A written policy explaining the after-sales warranty process, which demonstrates how the applicant company handles complaints, batch defects and warranty claims and that this process is endorsed by the manufacturer
- A written policy explaining the traceability of the product(s) listed on the certifications, test reports and/or declarations submitted to the QCC to the product(s) intended to be sold/installed in the Emirate of Abu Dhabi

6.2 Product Specific Requirements for both Product Certification and Product Registration

The EVSE product(s) applying shall demonstrate compliance with the relevant standards listed below through provision of the required evidence of conformity listed in section 6.3 for Product Certification and section 6.4 for Product Registration:

6.2.1 Electric Vehicle Conductive Charging Systems

- IEC 61851-1
- IEC 61851-23
- IEC 61851-24

6.2.2 Plugs Socket-outlets, vehicle connectors and vehicle inlets used for conductive charging of electric vehicles

- IEC 62196-1
- IEC 62196-2
- IEC 62196-3
- IEC 60309-1

Compliance to alternative standards to the above may be considered upon review by the QCC for compatibility with the requirements of the Department of Energy Electrical Wiring Regulation (third edition) Addendum No. 1 2017.

6.2.3 EVSE performance requirements

In addition to the requirement to demonstrate compliance with the standards listed in Section 6.2.1 and 6.2.2, the EVSE product(s) shall demonstrate compliance to the performance requirements in Table 2. through provision of the required evidence of conformity listed in section 6.3 for Product Certification and section 6.4 for Product Registration

Table 2. EVSE Performance requirements as defined in the Department of Energy Electricity Wiring Regulation (Third Edition) Addendum No. 1 2017

Item	Requirements
Mode-2 EVSE	Alternating current supply equipment not exceeding 32 A and not exceeding 230 V a.c. single-phase or 400 V a.c. three-phase at the supply side, and utilising the power and Circuit Earth Conductors together with a Control Pilot function and residual current device between the EV and the plug or as part of the in-cable control box. Charging points designated for Mode-2 charging shall incorporate an interlocked socket-outlet complying with BS EN 60309
Mode-3 EVSE	EV-dedicated a.c. supply equipment including charging cable assembly if present not exceeding 250 A. The control pilot cable of the charging cable assembly shall allow communication between the EVSE and the on-board charger of the EV platform

	functions including: verification of connection with the EV, continuous checking of circuit earth conductor integrity, energisation and de-energisation of the supply and selection of charging rate. Mode-3 charging points shall incorporate a vehicle connector or a type-2 socket-outlet complying with IEC 62196-2
Mode-4 EVSE	EV-dedicated d.c. supply equipment and charging cable assembly complying with IEC 62196 type 4 utilising an off-board charger where the control pilot function extends to control equipment permanently connected to the a.c. supply. Single-phase or three-phase a.c. is converted to d.c. within the EVSE.
Mode-3 and Mode-4 EVSE	Mode-3 and Mode-4 EVSE locking system shall be provided to prevent unintentional plugging or un-plugging of the vehicle connector unless switched off from the supply
Multi-mode vehicle connectors	If different modes are combined on a single vehicle connector it shall comply with IEC 62196-3 type 'combo 2' connector
Environmental conditions	The EVSE shall be designed to operate safely and carry out their designed function in the expected operating environment. Guidance for environmental conditions relevant to Abu Dhabi EVSE installations is provided in section 3.7 of the RSB Electricity Wiring Regulations (Third Edition)
Degree of protection provided by enclosures (IP Class)	Enclosures of the EVSE including the plug in its housing in the case of a tethered cable, or the socket-outlet with cover/shutter, in the case of a detachable cable, shall have an IP degree as follows: • For EVSE intended for indoor locations: minimum IP44 • For EVSE intended for outdoor locations: minimum IP55 For EVSE intended for both indoor and outdoor locations, the basic, universal and combined and DC interfaces are shall have an IP degree as follows: • Vehicle Connector when mated with the vehicle inlet: IP44 • EV Plug mated with EV socket-outlet: IP44 • Vehicle connector when not mated: IP24 • Socket-outlet when not mated (for both domestic and industrial socket-outlets in accordance with the RSB Electrical Wiring Regulation 3rd edition): IP55 IP rating shall be demonstrated through testing to IEC 60529
Degree of protection against external mechanical impacts	The minimum acceptable mechanical strength for the body of permanent EV charging stations (mode 3 and 4) shall be IK08* as demonstrated through testing to IEC 60068-2-75

* Note: Where likelihood of vehicle impact damage cannot be minimised, the use of additional protection barriers meeting IK10 shall be installed

6.2.4 Labelling and Warning Signs

EVSE must be clearly labelled with the following information: Manufacturer name, EVSE model name, power requirements, IP/IK rating, serial number. All labels must be in English and Arabic, clear, easily visible, constructed and affixed to remain legible for as long as the product is in use.

Any dedicated socket-outlet for EV charging should be identified with the following label to be affixed before the EVSE is energized:

6.3 Document Submission Requirements specific for Product Certification

In order for a product to obtain QCC Product Certification the applicant shall provide the following current/valid documentation:

- Conformity Assessment Body Test Certificate(s) associated with the EVSE model(s) applying for QCC certification in accordance with the requirements of 6.3.1.
- Type testing report(s) referenced within the Test Certificate(s) or from and ISO/IEC 17025 accredited laboratory including all annexes and appendices and critical component information in accordance with the requirements of 6.3.1.

6.3.1 Certificate and test report validity

Test certificates stating compliance with the relevant IEC standards referenced in table 1 shall be issued by a National Certifying Body (NCB) in the IECEE scheme - Refer to http://www.iecee.org/certification/overview/ for details of NCBs.

The testing laboratory performing the type testing of the EVSE shall be listed as an IECEE Certification Body Test Laboratory (CBTL). Alternatively the laboratory shall hold an accreditation according to ISO/IEC 17025 within the scope of the testing performed. The ISO/IEC 17025 accreditation shall be issued by an accreditation body signatory to the International Laboratory Accreditation Cooperation Mutual Recognition Agreement (ILAC-MRA).

In all cases, the Certification Body test certificate or type test reports submitted must not be older than 36 months on the day of the application submission to the QCC.

6.4 Submission Requirements Specific to Product Registration

In order for a product to obtain QCC Product Registration, the applicant shall provide the following documentation:

- Completion of the Product Registration Declaration form in Appendix A
- Completion of the EVSE Critical component and sub-assembly table in Appendix B including electrical, mechanical or structural components deemed to have an impact on the safe operation of the EVSE such as: output power cords, vehicle couplers,

sockets, housing, power supply, fuses, terminal blocks, contactors, relays, internal wires, PCBs

- Written description issued by the manufacturer of the EVSE ability to comply with the following requirements:
    i. The EVSE shall provide a control pilot function through a control pilot circuit in accordance with IEC 61851-1 Annex A
    ii. EVSE shall be capable to reduce maximum power in cases where the power income is limited
    iii. EVSE shall stop the charging cycle in cases where the current drawn by the EV exceeds the EVSE limit
    iv. EVSE shall stop the charging cycle in cases where the control pilot signal is lost
    v. EVSE shall lock the power cable during the charging cycle, the cable should be unlocked when the transaction is stopped by the user or in case of a power failure
    vi. Each charging socket shall be equipped with an individual contactor

Advisory Note: An applicant company which has previously been issued a Certificate of Registration for products which have subsequently been recalled due to non-conformities with the Abu Dhabi Electricity Wiring Regulation (3rd Edition) Addendum no. 1 shall be restricted to further application for Product Certification only.

7 CONFORMITY ASSESSMENT PROCESS

The conformity assessment is based on the evaluation of documents submitted in compliance to sections 6.1 - 6.4, which is evaluated for consistency, completeness and overall quality. The Conformity Assessment services is provided subject to completion of payment for the service fees stated in Section 11.

8 IDENTIFICATION AND TRUSTMARK LABELLING

Products which are issued certificates of conformity by the QCC must be provided with an evident label bearing the QCC Trustmark as described in the Terms and Conditions for General Use of the Trustmark provided in the online application form (depending on the product and subject to agreement with the QCC Marketing and Communications Department). Products which are issued a QCC Certificate of registration are not licensed to use the QCC Trustmark.

9 SURVEILLANCE / AUDIT PROCEDURES FOR QCC CERTIFIED PRODUCTS CARRYING THE TRUSTMARK

9.1 General

At a minimum, the surveillance and audit requirements listed under this section shall be applied to QCC certified products on an annual basis. When the validity of a certificate as described in section 6.3 is to be demonstrated, this includes the validity of the accreditation of the certificate issuer. Products which receive Registration through the QCC scheme are exempt from QCC Market Surveillance

9.2 Quality Management System Audits of Manufacturer

Proof of continued conformity is to be presented to the QCC annually or 30 days after expiry of the submitted ISO/IEC 9001:2015 certificate (whichever comes first).

9.3 Testing and Inspection

Annually, the QCC will undertake market surveillance activities to assess certified products/systems available in the Abu Dhabi market for the following:

- Samples can be inspected i) on-site at installed locations within the Emirate of Abu Dhabi, ii) at point of entry to the Abu Dhabi Market, and/or iii) in the market from the suppliers warehouse or at a retail outlet.
- Samples will be assessed for compliance to selected specific requirements given in Section 6 including review of the previously submitted certifications, critical components and labelling
- The sampling schedule will target previously unassessed products/systems on a year-on-year basis to ensure eventual assessment of all certified products covered by the applicant company's Trustmark License
- If any product or system fails to meet the certification requirements during inspection, in the first instance, the QCC will liaise with the third party certification body to verify the validity of the certification, and subsequently, request the supplier corrective actions, e.g. product/system withdraw, re-testing or re-certification
- If a second product covered by the applicant company's Trustmark License fails to meet the QCC certification specifications, the certification status of all products from the applicant will be reviewed

Proof of continued compliance to the requirements of the QCC certification must be provided if; i) a referenced standard listed in section 4 has changed, or ii) the product/system has been modified in such a way that would affect its ability to meet the requirements of certification, or iii) annually following issuance of the QCC certificate, whichever comes first.

In cases i) or ii), the continued validity of the supplied product/system certification shall be demonstrated by the applicant; in case iii) annually on the anniversary of the product certification issuance a declaration shall be provided by the applicant company and the manufacturer that the production system has not been modified and the specification of the product remains unchanged.

10 PRODUCT CERTIFICATION RENEWAL, TRUSTMARK LICENSE RENEWAL AND CHANGES TO THE CERTIFICATION SCOPE

10.1 Product Certification Renewal and Trustmark license Renewal

Subject to continued compliance of the products and manufacturer quality management system in accordance with section 9, one month prior to the expiry of the Product Certificate and Trustmark License the applicant will receive notification that the Certificate and Trustmark license is due to expire. To ensure the continued certification status of the products, the applicant shall submit a recertification application with

resubmission of all technical documentation to demonstrate compliance with sections 6.1, 6.2 and 6.3. Applicable fees for the recertification process are given in section 11.2.

10.2 Changes to the scope of products covered under the QCC Product Certification

To add new products to the scope of a current certification the applicant shall submit a new application including submission of all technical documentation to demonstrate compliance with sections 6.1, 6.2 and 6.3. Applicable fees for the modification of Product Certification Scope process are given in section 11.3.

11 FEES

The applicant shall pay the necessary fees in accordance with the **Schedule of Fees** issued by the Abu Dhabi Executive Council, available for download from the QCC website (qcc.ae).

11.1 Applicable Fees for Product Certification and Licensing for the Abu Dhabi Trustmark (valid for 3 years subject to market surveillance compliance)

- Application submission fee: 600 AED
- Technical Evaluation fee for the submitted application: 2500 AED per 1-4 product families* as covered under separate IEC 61851 test reports. Each additional 1-4 product families* will require an additional 2500 AED technical evaluation fee charge
- Issuance of a License to the applicant company for the use of the Abu Dhabi Trustmark: 15,000 AED
- Certificate issuance fee: 100 AED

11.2 Applicable Fees for Renewal of Product Certification and Licensing for the Abu Dhabi Trustmark (valid for 3 years subject to market surveillance compliance)

- Application submission fee: 600 AED
- Technical Evaluation fee for the renewal application: 2500 AED per covering all product families* previously certified
- Reissuance of a License to the applicant company for the use of the Abu Dhabi Trustmark: 10,000 AED
- Certificate reissuance fee: 100 AED

11.3 Applicable Fees for modification of Product Certification scope by addition of new product families or revision of certification information

- Application submission fee: 600 AED
- Technical Evaluation fee for the submitted application: 2500 AED per addition of 1-4 product families* as covered under separate IEC 61851 test reports. Each additional 1-4 product families* will require an additional 2500 AED technical evaluation fee charge
- Certificate reissuance fee: 100 AED

11.4 Applicable Fees for Product Registration (valid for 3 years)

- Application submission fee: 600 AED
- Technical Evaluation fee for the submitted application: 2500 AED (per 1-10 product models**, additional product models** will require an additional 2500 AED technical evaluation fee charge per 1-10 models
- Certificate of Registration issuance fee: 100 AED

All prices are exempt from VAT
*Product families are defined by IECEE as models with common design, construction, parts or assemblies essential to ensure conformity with applicable requirements, typically listed together on a single IEC 61851 test report.
**Product models are defined as unique configurations with regards to design, construction, parts or assemblies essential to ensure conformity with applicable requirements

APPENDIX A: PRODUCT REGISTRATION DECLARATION FORM

Supplier declaration of conformity (in accordance with ISO/IEC 17050-1)

1) Declaration issuing company name: ……

   Issuer's contact address: ……

   ……

   Contact phone and email ……

2) Object(s) of the declaration:

   (product name, type, brand, model etc.) ……

   ……

   ……

   ……

   ……

   ……

   ……

   ……

3) The object(s) of the declaration described above fully comply with the cited standard(s) applicable to the object(s) as listed below
   Emission: IEC/EN 61000-6-3 (2006) + A1 (2010) class B, IEC/EN 61000-6-4 (2018)
   Immunity: IEC/EN 61000-6-1 (2016), IEC/EN 61000-6-2 (2016)
   EVSE: IEC 61851-1 (2017), IEC 61851-21-2 (2018), IEC 61851-23 (2014) IEC 61851-24 (2014)
   Plugs, socket-outlets, vehicle connectors and vehicle inlets IEC 62196-1 (2014), IEC 62196-2 (2016), IEC 62196-3 (2014), IEC 60309-1 (1999)

4) Additional notes:

……

……

5) Oath of Undertaking

I, (Name of Applicant representative) of legal age, (Position in applicant company) of (Name of applicant company) with business address at (Applicant company address) after being duly sworn in accordance with law and relative to our application for QCC registration for our Electric Vehicle Supply Equipment (EVSE) depose and state the following:

i. Our EVSE are all branded as "(brand)" and sold only through our authorized distributors/wholesalers/retailers holding a QCC-issued Certificate of registration available at all times

ii. (Name of the applicant company):

a. shall be responsible for any consumer complaints/events/occurrences, relative to use of its EVSE which are covered by the Abu Dhabi Electricity Wiring Regulation (3rd Edition) including Addendum No. 1 and shall replace or refund those sold to the end users covered by the complaints

b. agrees to recall all affected products in the distributors/wholesalers/retailers' inventories should the EVSE fail to meet the electrical safety requirements of the Electricity Wiring Regulations (3rd Edition) including Addendum No. 1 and cease use of the QCC Certificate of Registration in relation to the all products under the Brand as listed in point 5) i.

c. agrees to undertake all corrective measures on the failure(s) of compliance with the Electricity Wiring Regulations (3rd Edition) including Addendum No. 1 to all products subject to recall under point 5) ii. b. prior to the distribution and sale in the Abu Dhabi market

d. agrees to undertake corrective measures on its product recall, where appropriate, and subject the products to the necessary testing after the corrective measure has been undertaken

e. agrees that should there be no appropriate corrective measures available on the failure and/or product failed on retesting, all the non-conforming products shall be recalled from the distributors/wholesalers/retailers' inventories and shall be re-exported to the country of origin or be destroyed under the supervision of the QCC personnel

6) Sign-off:

Name	Position	Signature	Date
……	……..	……	……..

APPENDIX B: PRODUCT REGISTRATION CRITICAL COMPONENTS TABLE

Object Part No.	Manufacturer / trademark	Type / model	Technical Data	Applicable Standard (Edition / year)	Marks of Conformity