家用和类似用途电器
安全与电磁兼容认证通用规则

General Rules for Safety and EMC Certification of Household and Similar- Use Electrical Appliances

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0 引言 Introduction

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1 适用范围 Scope of Application

本规则适用于家用和类似用途电器的安全与电磁兼容认证。

These rules apply to the safety and EMC certification of household and similar electrical appliances.

规则与下列具体产品认证规则配套使用：PTC002002-2026 按摩器具、PTC002003-2026 电池充电器、PTC002006-2026 空气净化器、PTC002007-2026 加湿器等（清单见附件 4《适用产品类别与依据标准对照表》，列明认证小类号、产品名称、安全标准编号及年代号、对应具体规则编号）。具体产品规则未规定的，适用本规则；本规则与具体规则不一致的，以具体规则为准。

These rules shall be used together with the following product certification rules: PTC002002-2026 Massage Equipment, PTC002003-2026 Battery Charger, PTC002006-2026 Air Purifier, PTC002007-2026 Humidifier, etc. (see Annex 4, List of Product Categories and Standards, giving the category code, product name, safety standards with editions and the corresponding rule number). Where a product rule is silent, these rules apply; in case of inconsistency, the product rule prevails.

2 认证模式 Certification Mode

认证模式：
Certification Mode:

型式试验+获证后监督
Type test + post- certification surveillance

认证的基本环节包括：
The basic certification procedures include:

A.认证的申请
A. Certification application

B.产品型式试验
B. Product type test

C.认证结果评价与批准
C. Evaluation and approval of certification results

D.获证后的监督
D. Post- certification surveillance

申请人可分别申请安全认证、电磁兼容认证或安全＋电磁兼容认证。监督范围与所申请范围一致：仅申请安全认证的，监督仅覆盖安全项目；仅申请电磁兼容认证的，监督仅覆盖电磁兼容项目。

The applicant may apply for safety certification, EMC certification or safety + EMC certification separately. Surveillance scope shall be consistent with the certified scope: for safety-only certification, surveillance covers safety items only; for EMC-only certification, surveillance covers EMC items only.

3 认证单元划分 Certification Unit Division

单元划分原则：按产品类别、种类、型式、规格、工作原理、安全结构（或电磁兼容结构）的不同划分认证单元。

Unit division principle: Certification units shall be divided according to differences in product category, type, model, specification, working principle, safety structure (or EMC structure).

同一申请单元内有多个型号时，应对同一单元内每一型号与主检型号的差异做出确切描述。

Where multiple models are covered under one application unit, accurate descriptions shall be provided for the differences between each model within the unit and the primary test model.

原则上按申请单元申请认证。同一制造商、同一产品型号，不同生产场地生产的产品作为不同的申请单元，但不同生产场地生产的相同产品只做一次型式试验，其他生产场地的产品送样核查，并出具报告。

Certification shall in principle be applied for by application unit. Products of the same manufacturer and same product model manufactured at different production sites shall be treated as separate application units. Nevertheless, type test shall be performed only once for identical products from different production sites; products from other production sites shall undergo sample verification with a report issued.

同一生产场地，不同制造商生产的相同产品，应作为不同的申请单元，必要时送样，进行一致性核查，并出具报告。

Identical products manufactured by different manufacturers at the same production site shall be treated as separate application units. Where necessary, samples shall be submitted for consistency verification and a report shall be issued.

4 认证委托 Certification Entrustment

4.1 认证委托的提出与受理 Submission and Acceptance of Certification Entrustment

认证委托人可通过PTC官方网络途径或书面向PTC提出认证委托。认证委托人需按要求准确填写必要的企业信息和产品信息。

The certification client may submit a certification entrustment to PTC via PTC's official online channel or in written form. The certification client shall accurately fill in required enterprise and product information as requested.

PTC依据相关要求对认证申请进行审核后发出受理或不予受理的通知，或要求认证委托人整改后重新提出认证申请。

After reviewing the certification application in accordance with relevant requirements, PTC shall issue a notice of acceptance or non- acceptance, or require the certification client to make rectifications and resubmit the certification application.

资料评审一般不超过 15 个工作日。

Document review shall normally take no more than 15 working days.

4.2 申请资料 Application Documents

认证委托人应在申请受理后，向PTC提交有关的申请资料和技术资料，包括：

Upon acceptance of the application, the certification client shall submit relevant application and technical documents to PTC, including:

认证申请书；
Certification application form;

认证委托人、生产者、生产厂的注册证明（如营业执照、组织机构代码证等）；
Registration certificates of the certification client, producer and manufacturing plant (e.g. business license, organization code certificate, etc.);

代理人委托书（如有）；
Power of attorney for agent (if applicable);

认证协议书；
Certification agreement;

产品描述信息，必要时包括：型号规格、技术参数、结构、关键元器件和/或材料清单、电气原理图、总装图、信息安全资料、软件规格书、同一认证单元内不同规格产品的差异说明等；
Product description information, including where necessary: model and specification, technical parameters, construction, list of key components and/or materials, electrical schematic diagram, general assembly drawing, information- security documents, software specification, difference description for products of different specifications within the same certification unit, etc.;

认证委托人、生产者、生产企业之间签订的有关协议书或合同（如ODM/OEM协议）；对于变更申请，相关变更项目的证明文件；
Relevant agreements or contracts signed among the certification client, producer and manufacturer (such as ODM/OEM agreements); for modification applications, supporting documents for relevant changed items;

其它需要的文件。
Other required documents.

认证委托人应对提供资料的真实性负责。
The certification client shall be responsible for the authenticity of the submitted documents.

PTC对认证委托人提供的认证资料进行管理、保存，并负有保密义务。
PTC shall manage and preserve the certification documents provided by the certification client and shall be under an obligation of confidentiality.

4.3 实施安排 Implementation Arrangement

PTC在受理后制定认证实施的具体方案，并将其通知认证委托人。认证实施的具体方案通常包括以下内容：
After acceptance, PTC shall formulate a specific certification implementation plan and notify the certification client thereof. The specific certification implementation plan generally includes the following contents:

a) 需要提交的申请资料清单；
a) List of application documents to be submitted;

b) 实验室信息；
b) Laboratory information;

c) 有关PTC 工作人员的联系方式；
c) Contact information of relevant PTC staff;

d) 其他需要说明的事项。

d) Other matters requiring explanation.

5 认证实施 Certification Implementation

5.1 型式试验 Type Test

5.1.1 型式试验方案 Type Test Plan

PTC在受理认证申请后，指定实验室实施型式试验，由实验室制定型式试验方案，并告知认证委托人。试验和验证方案包括：样品要求和数量、检测和验证标准及项目、实验室信息等。

After accepting the certification application, PTC shall designate a laboratory to carry out the type test. The laboratory shall formulate the type test plan and inform the certification client. The test and verification plan includes: sample requirements and quantity, test and verification standards and items, laboratory information, etc.

5.1.2 型式试验样品要求 Sample Requirements for Type Test

通常情况下，型式试验的样品由认证委托人按PTC的要求选送代表性样品用于检测或技术验证。必要时，PTC也可采取现场抽样/封样方式获得样品，委托人对样品负责。

Under normal circumstances, the certification client shall select and submit representative samples for testing or technical verification in accordance with PTC's requirements. Where necessary, PTC may also obtain samples through on-site sampling / sample sealing. The client shall be responsible for the samples.

5.1.2.1 送样原则 Sample Submission Principle

型式试验送样由PTC从申请认证单元中选取代表性样品进行型式试验。必要时，申请单元覆盖的其他型号产品需送样做补充差异试验。申请人负责按PTC的要求送样，并对样品负责。

For type-test sample submission, PTC shall select representative samples from the applied certification unit to perform the type test. Where necessary, products of other models covered by the application unit shall be submitted for supplementary difference tests. The applicant shall submit samples as required by PTC and take responsibility for the samples.

5.1.2.2 样品数量 Sample Quantity

整机产品的送样数量见各具体产品认证规则中的规定，随整机检测的安全元器件、材料的送样数量见附件1的规定。

The quantity of complete-unit samples for submission is specified in respective product-specific certification rules. The quantity of safety components and materials tested together with the complete unit is specified in Appendix 1.

5.1.2.3 样品及资料处置 Disposal of Samples and Documents

试验结束并出具试验报告后，有关资料由检测机构保存，样品按PTC有关规定处置。

Upon completion of tests and issuance of test reports, relevant documents shall be retained by the testing laboratory, and samples shall be disposed of in accordance with relevant provisions of PTC.

5.1.3 型式试验依据标准 Standards for Type Test

5.1.3.1 安全标准在相应具体产品认证规则中规定；具体产品规则的适用产品类别、安全标准编号及年代号见附件 4《适用产品类别与依据标准对照表》，该表与本机构《PTC 认证规则清单》保持一致。

5.1.3.1 Safety standards are specified in the corresponding product certification rules; the applicable product categories and safety standards with editions are given in Annex 4, List of Product Categories and Standards, which shall be consistent with PTC's List of Certification Rules.

5.1.3.2 国内电磁兼容标准 EMC Standards

GB 4343.1-2024《家用电器、电动工具和类似器具的电磁兼容要求 第 1 部分：发射》
GB 4343.1-2024 Electromagnetic compatibility requirements for household appliances, electric tools and similar apparatus—Part 1: Emission

GB/T 4343.2-2020《家用电器、电动工具和类似器具的电磁兼容要求 第 2 部分：抗扰度》
GB/T 4343.2-2020 Electromagnetic compatibility requirements for household appliances, electric tools and similar apparatus — Part 2: Immunity

GB17625.1-2022《电磁兼容 限值 第1部分：谐波电流发射限值（设备每相输入电流≤16A）》

GB 17625.1-2022 Electromagnetic compatibility — Limits — Part 1: Limits for harmonic current emissions (equipment input current ≤16 A per phase)

GB/T 17625.2-2007《电磁兼容 限值 对额定电流不大于 16A 的设备在低压供电系统中产生的电压波动和闪烁的限制》
GB/T 17625.2-2007 Electromagnetic compatibility — Limits — Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current ≤16 A

5.1.3.3 出口电磁兼容标准 Export-Oriented Standards

CISPR 14-1:2020 《家用电器、电动工具和类似器具的电磁兼容要求 第 1 部分：发射》

CISPR 14-1:2020 《Electromagnetic compatibility requirements for household appliances, electric tools and similar apparatus - Part 1: Emission》

CISPR14-2:2020《家用电器、电动工具和类似器具的电磁兼容要求 第 2 部分：抗扰度》

CISPR14-2:2020《Electromagnetic compatibility — Requirements for household appliances, electric tools and similar apparatus — Part 2: Immunity》

IEC 61000-3-2:2018+AMD1:2020+AMD2:2024 《电磁兼容（EMC） 第 3-2 部分：限值 谐波电流发射限值（设备每相输入电流≤16 A）》

IEC 61000-3-2:2018+AMD1:2020+AMD2:2024 《Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤16 A per phase)》

IEC 61000-3-3:2013+AMD1:2017+AMD2:2021 《电磁兼容（EMC） 第 3-3 部分：限值 对额定电流≤16 A 且无条件接入的设备在公用低压供电系统中产生的电压变化、电压波动和闪烁的限制》

IEC 61000-3-3:2013+AMD1:2017+AMD2:2021《Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection》

注：电磁兼容试验项目为选做项目，当申请人选择电磁兼容认证时，强制性标准（GB 4343.1-2024、GB 17625.1-2022） 为必选标准，推荐性标准（GB/T 4343.2-2020、GB/T 17625.2-2007）为可选标准，可根据需要进行选择测试。

Note: EMC test items are optional. If the applicant applies for EMC certification, the mandatory standards (GB 4343.1-2024, GB 17625.1-2022) are mandatory, while the recommended standards (GB/T 4343.2-2020, GB/T 17625.2-2007) are optional and testing may be performed as required.

5.1.4 型式试验的实施 Execution of Type Test

5.1.4.1 试验项目及要求 Test Items and Requirements

安全试验项目为安全标准中规定的全部适用项目。
Safety test items cover all applicable items specified in the safety standards.

电磁兼容试验项目为选择电磁兼容标准中规定的全部适用项目。
EMC test items cover all applicable items specified in the selected EMC standards.

5.1.4.2 试验方法 Test Methods

依据标准规定的和/或引用的检测方法和/或标准进行检验。
Testing shall be conducted in accordance with test methods and/or standards specified and/or referenced in the relevant standards.

5.1.4.3 型式试验时限 Time Limit for Type Test

型式试验时间一般为30个工作日（因检验或验证项目不合格，企业进行整改和复测的时间不计算在内）。

The type-test period is generally 30 working days (excluding time spent by the enterprise for rectification and retesting caused by non-conformity of test or verification items).

必要时，实验室可安排技术人员对认证产品进行现场技术验证。
Where necessary, the laboratory may assign technical personnel to conduct on-site technical verification for the certified product.

5.1.4.4 判定 Judgement Criteria

型式试验应符合产品标准的要求。
The type test shall comply with the requirements of product standards.

当型式试验或验证项目部分不合格时，原则上，整改应在6 个月内完成，超过该期限的视为认证终止。

If partial non-conformities are found in type test or verification items, rectification shall in principle be completed within 6 months. Failure to meet this time limit shall be deemed termination of the certification process.

5.1.5 检测报告 Test Report

实验室按照标准完成型式试验后，按照规定出具检测和验证报告。

After completing the type test in accordance with standards, the laboratory shall issue test and verification reports as stipulated.

5.1.6 关键零部件的要求 Requirements for Key Components

5.1.6.1 安全关键零部件及安全重要零部件、材料的要求
Requirements for Safety-critical Components, Safety-important Components and Materials

申请整机安全认证时，整机内的安全关键零部件及安全重要零部件、材料按附件 1 中的要求单独送样进行检测。若关键安全元器件及安全重要零部件、材料已获得有效的强制性产品认证证书或本机构认可的自愿性认证证书，可免于单独送样检测，但仍需满足整机检测标准的要求。

When applying for completeunit safety certification, safetycritical components, safetyimportant components and materials inside the complete unit shall be submitted separately for testing in accordance with Appendix 1. Where such components and materials hold valid CCC certificates or voluntary certification certificates recognized by PTC, separate sample submission may be exempted; nevertheless they shall still meet the requirements of completeunit test standards.

5.1.6.2 电磁兼容关键零部件的要求
Requirements for EMC-critical Components

申请整机电磁兼容认证时，使用不同的电磁兼容关键零部件的整机需送样做补充差异试验，整机内的电磁兼容关键零部件见附件 2。

When applying for complete-unit EMC certification, complete units fitted with different EMC-critical components shall be submitted for supplementary difference tests. EMC-critical components for complete units are listed in Appendix 2.

5.2 认证评价与决定 Certification Evaluation and Decision

PTC对申请资料、型式试验结论、有关资料/信息等进行综合评价，做出认证决定。对符合认证要求的，批准并颁发认证证书。

PTC shall conduct comprehensive evaluation of the application documents, type-test conclusions and relevant materials/information, and make the certification decision. For products complying with certification requirements, certification approval shall be granted and a certification certificate shall be issued.

5.3 认证时限 Certification Time-Limit

认证时限指自受理认证申请之日起至颁发认证证书时止所实际发生的工作日。包括型式试验时间、认证结果评价和批准时间，及证书制作时间。

The certification time-limit refers to the actual working days from the acceptance of the certification application to the issuance of the certification certificate, including the duration of type test, evaluation and approval of certification results, and certificate preparation.

PTC对认证各环节的时限做出明确规定，并确保相关工作按时限要求完成。认证委托人须对认证活动予以积极配合。一般情况下，自受理认证委托起80天内向委托人出具认证证书（认证委托人准备资料、送样、型式试验整改等时间不计算在内）。

PTC shall specify clear time-limits for each certification phase and ensure relevant work is completed within such time-limits. The certification client shall actively cooperate with certification activities. Under normal circumstances, the certification certificate shall be issued to the client within 80 days upon acceptance of the certification entrustment (excluding time consumed by the certification client for document preparation, sample submission, and rectification for type-test non-conformities).

型式试验时间一般为30个工作日（因检测项目不合格整改和复试时间不计算在内）。当整机零部件和材料需要进行随机试验时，如果其试验所需时间超过整机试验时间，型式试验时间按零部件/材料最长的试验时间计算。

The type-test duration is generally 30 working days (excluding time for rectification and retest due to non-conforming test items). Where random tests are required for components and materials of the complete unit, if the test duration for components or materials exceeds that of the complete-unit test, the type-test duration shall be calculated based on the longest test duration of the relevant components / materials.

6 获证后的监督 Post-Certification Surveillance

6.1 获证后监督方式和频次 Methods and Frequency of Post-Certification Surveillance

获证后监督方式包括：生产现场抽取样品检测或市场抽样检测两种方式之一或组合。

Post-certification surveillance shall adopt either or a combination of the following methods: sample testing by sampling at the production site, or sample testing by market sampling.

通常情况下，对获证企业及产品，从颁发首张证书之日起12个月内进行第一次监督检测，以后每年至少一次。

Under normal circumstances, the first surveillance test for certified enterprises and products shall be conducted within 12 months from the date of issuance of the first certificate, and at least once per year thereafter.

6.2 生产现场抽取样品检测 Sample Testing by Sampling at Production Site

6.2.1生产现场抽取样品检测原则Principles for Sample Testing by Production-Site Sampling

对获证产品进行生产现场抽样检测，抽样检测的样品应在生产合格品中随机抽取。

For sampling-testing of certified products at the production site, samples shall be randomly selected from qualified finished products.

6.2.2生产现场抽取样品检测内容Contents of Sample Testing by Production-Site Sampling

认证检测采用的标准所规定的项目均可作为抽样检测项目。

All items specified in the standards adopted for certification testing may be used as sampling-test items.

6.3 市场抽样检测 Market-Sampling Testing

6.3.1市场抽样检测原则 Principles for Market-Sampling Testing

对获证产品必要时，进行市场抽样。认证委托人、生产者、生产企业应积极配合，如提供获证产品的销售信息，以及使用方、经销商和/或销售网点信息等。

Market sampling shall be performed for certified products where necessary. The certification client, producer and manufacturer shall cooperate actively, e.g. by providing sales information of certified products, as well as information on users, distributors and/or sales outlets.

6.3.2 市场抽样检测内容 Contents of Market-Sampling Testing

市场抽样包括产品一致性核查和/或产品检测。认证检测采用的标准所规定的项目均可作为抽样检测项目。PTC根据不同产品的质量情况，进行部分或全部项目的检测。

Market sampling includes product consistency verification and/or product testing. All items specified in the standards adopted for certification testing may be used as sampling-test items. PTC shall conduct partial or full-item testing according to the quality status of different products.

6.4 非例行监督检测 Non-Routine Surveillance Testing

持证人若发生下列情况之一，PTC将增加非例行监督检测：

PTC shall impose additional non-routine surveillance testing if the certificate-holder falls under any of the following circumstances:

1）获证产品发生严重质量问题或用户提出严重投诉、产品问题较多的持证人；

1. The certificate-holder whose certified products have serious quality defects, or receive serious user complaints, or suffer frequent product problems;

2）有足够的信息表明持证人因变更组织机构、生产条件、管理体系等可能影响产品符合性或一致性时。

2. Where sufficient information indicates that changes to the certificate-holder's organizational structure, production conditions, management system, etc. may affect product conformity or consistency.

6.5 获证后监督结果的评价 Evaluation of Post-Certification Surveillance Results

PTC对抽取样品的检测结论和有关资料/信息进行综合评价。评价通过，可继续保持认证证书、使用认证标志；评价不通过，PTC应当根据相应情形做出暂停或撤销认证证书的处理，并予以公布。

PTC shall carry out a comprehensive evaluation of the test conclusions of sampled products and relevant documents / information. Upon passing evaluation, the certification certificate may remain valid and the certification mark may continue to be used. In case of failure in evaluation, PTC shall take measures to suspend or revoke the certification certificate according to specific circumstances and make such decision public.

6.6 获证后监督的组成

获证后监督由下列活动的一项或多项组成：

Composition of Post-Certification Surveillance Surveillance shall comprise one or more of:

a）生产现场一致性核查（含关键零部件、结构、标识与认证批准状态的一致性）；

on-site production consistency verification (key components, construction, marking and conformity with the approved status);

b）生产现场抽取样品检测；

sampling and testing at the production site;

c）市场抽样检测；

market sampling and testing;

d）与获证产品生产、质量管理有关的文件与记录核查。首次获证后监督应包含 a）项。本规则不设独立的初次工厂检查，产品持续符合性由上述监督活动结合持证人质量保证能力自我声明保证；采用该方式的理由（产品风险等级、生产技术成熟度、获证后监督有效性及历史不合格数据）见认证方案风险说明。

review of documents and records relating to production and quality management. The first surveillance shall include item a). No separate initial factory inspection is applied; continued conformity is assured by the above activities together with the holder's declaration of quality assurance capability, the justification being given in the scheme risk statement.

7 认证证书 Certification Certificate

7.1 认证证书的保持Maintenance of Certification Certificate

本文件覆盖的认证证书有效期一般为 3 年。有效期内，证书的有效性依赖 PTC 的获证后监督获得保持。具体产品认证规则不得另行规定不同的证书有效期。

Certification certificates covered by this document are generally valid for 3 years. Within the validity period, the validity of the certificate shall be maintained subject to PTC's postcertification surveillance. Product certification rules shall not specify a different validity period.

ODM 和 OEM 证书的有效期按其相关协议中的有效期，但不超过 3 年；ODM 证书的有效期还应不超过初始认证证书的有效期。

The validity period of ODM and OEM certificates shall follow the validity period specified in their relevant agreements, and shall not exceed 3 years; the validity period of ODM certificates shall also not exceed the validity period of the original certification certificate.

认证证书有效期届满，需要延续使用的，认证委托人应当在认证证书有效期届满前90天内提出认证委托。证书有效期内最后一次获证后监督结果合格的，PTC在接到认证委托后直接换发新证书。

Where continued use is required upon expiry of the certification certificate, the certification client shall submit a certification entrustment no later than 90 days before the certificate expires. If the result of the last post-certification surveillance within the certificate validity period is satisfactory, PTC shall directly issue a new certificate upon receipt of the entrustment.

7.2 认证证书覆盖产品的变更Changes to Products Covered by the Certification Certificate

产品获证后，如果其产品发生变更以及认证证书的相关信息、标准等发生变更时，认证委托人应向PTC提出变更批准/备案的申请。

After product certification is granted, in case of product changes or changes to relevant certificate information, standards, etc., the certification client shall submit an application for change approval / filing to PTC.

7.2.1变更委托和要求

7.2.1 Change Entrustment and Requirements

以下内容发生变更时，认证委托人应向PTC提交变更申请：

A change application shall be submitted to PTC by the certification client when any of the following items is modified:

a. 获证产品名称、型号命名方式、技术参数更改；
a. Changes to the name, model designation or technical parameters of the certified product;

b. 在证书上增加或减少同种产品其它型号；
b. Addition or removal of other models of the same product on the certificate;

c. 产品认证所依据的国家标准、认证规则变化；
c. Revision of national standards or certification rules upon which product certification is based;

d. 认证委托人、生产者、生产企业名称和/或地址更改；
d. Changes to the name and/or address of the certification client, producer or manufacturer;

e. 产品中关键元器件、材料更改；
e. Modification of key components and materials in the product;

f. 软件内容，版本变化；
f. Changes to software content or version;

g. 产品的关键元器件、结构或材料发生了涉及本规则涉及检测标准项目的变化；
g. Changes to key components, structure or materials of the product that affect test items specified in standards referenced by these rules;

h. 生产企业的质量体系发生变化（例如所有权、组织机构或管理者发生了变化）；
h. Changes to the quality system of the manufacturer (e.g. changes in ownership, organizational structure or management personnel);

i. 其他。
i. Other items.

对于隶属同一生产者的多个生产企业的相同产品、相同内容的变更，认证委托人可仅提交一次变更委托，PTC对变更涉及的认证证书予以关联使用。

For identical-content changes to the same product manufactured by multiple manufacturers under the same producer, the certification client may submit only one change entrustment. PTC shall associate and apply the change to all relevant certification certificates.

7.2.2变更评价和批准 Change Evaluation and Approval

PTC根据变更的内容，对提供的资料进行评价，确定是否可以批准变更。如需样品检测（和/或技术验证），应在检测（和/或技术验证）合格后方能批准变更。原则上，应以最初进行全项型式试验的代表性型号样品作为变更评价的基础。

PTC shall evaluate the submitted documents according to the content of the change to determine whether the change can be approved. Where sample testing (and/or technical verification) is required, the change shall only be approved upon satisfactory testing (and/or technical verification) results. In principle, the representative model sample that underwent the original full-item type test shall serve as the basis for change evaluation.

7.2.3变更备案 Change Filing

对于不涉及关键元器件、结构和材料的变更，在不需要提供样品试验的情况下，可由PTC认可的生产企业认证技术负责人确认批准，保存相应记录并报PTC备案。

For changes that do not involve key components, structure and materials and do not require sample testing, such changes may be confirmed and approved by the manufacturer's certification technical person approved by PTC. Relevant records shall be kept and submitted to PTC for filing.

认证技术负责人由生产者任命/授权，并经PTC考核认定；认证技术负责人应具有独立行使其职能的权力，具备实施其职能的能力；认证技术负责人不得兼任其他生产者的认证技术负责人；认证技术负责人变更时，生产者负责上报PTC并重新申请考核认定。

The certification technical person shall be appointed / authorized by the producer and assessed and recognized by PTC. The certification technical person shall have the authority to independently perform duties and possess corresponding competence. A certification technical person shall not concurrently hold this position for other producers. In case of a change of the certification technical person, the producer shall notify PTC and re- apply for assessment and recognition.

7.3 认证证书覆盖产品的扩展

7.3 Expansion of Products Covered by Certification Certificate

认证委托人需要扩展已经获得的认证证书覆盖的产品范围时，应向PTC提出变更申请。

When the certification client needs to expand the product scope covered by an existing certification certificate, a change application shall be submitted to PTC.

PTC根据认证委托人提供的扩展产品有关技术资料，核查扩展产品与原认证产品的差异，确认原认证结果对扩展产品的有效性，并针对差异做补充试验或生产现场产品进行检查。核查通过的，PTC根据认证委托人的要求单独颁发或换发认证证书。

Based on the technical documents of the expanded product provided by the certification client, PTC shall verify the differences between the expanded product and the originally certified product, confirm the validity of original certification results for the expanded product, and carry out supplementary tests or on- site product inspections targeting such differences. Upon passing verification, PTC shall issue a separate certificate or re- issue the certification certificate as requested by the certification client.

原则上，应以最初进行全项型式试验的代表性型号样品作为扩展评价的基础。

In principle, the representative model sample that underwent the original full- item type test shall serve as the basis for expansion evaluation.

7.4 认证证书的注销、暂停和撤销 Cancellation, Suspension, and Revocation of Certification Certificate

7.4.1 发生下列情形之一，本机构暂停认证证书并书面通知持证人：a）获证后监督检测结论不合格，经整改仍不符合要求；b）关键零部件、结构、材料发生变更未按规定申请并获得批准；c）无正当理由未在规定期限内接受获证后监督；d）未按期缴纳认证费用；e）获证产品与认证批准状态不一致且未在限期内纠正；f）持证人主动申请。暂停期限最长6个月。

PTC shall suspend the certificate, with written notice, where: a) surveillance test results are unsatisfactory and remain so after correction; b) changes to key components, construction or materials are made without application and approval; c) surveillance is refused without justification; d) fees remain unpaid; e) the certified product is inconsistent with the approved status and not corrected within the given period; f) the holder applies. Suspension shall not exceed 6 months.

7.4.2 暂停期间持证人应停止使用认证证书和认证标志；完成整改后可提出恢复申请，经核查（必要时含检测）合格后恢复，恢复日期为核查合格之日。

During suspension the holder shall cease use of the certificate and the mark; reinstatement may be applied for after correction and shall take effect on the date of satisfactory verification.

7.4.3 发生下列情形之一，本机构撤销认证证书：

PTC shall withdraw the certificate where:

a）暂停期满未完成整改或整改后仍不合格；

correction is not completed within the suspension period or remains unsatisfactory;

b）以欺骗、贿赂等不正当手段获得认证；

certification was obtained by fraud or bribery;

c）转让、伪造、变造认证证书或认证标志；

the certificate or mark is transferred, forged or altered;

d）获证产品存在严重缺陷造成人身、财产损害。

the product causes personal injury or property damage due to serious defects.

7.4.4 持证人主动放弃认证、产品停产且不再恢复生产、或企业依法注销的，本机构注销认证证书。

PTC shall cancel the certificate upon voluntary withdrawal by the holder, discontinuation of production, or deregistration of the enterprise.

7.4.5 上述处理按 PTCRZ-QP-12a《产品认证 批准、保持、延长、暂停、恢复、撤销和注销的条件和程序》执行；作出暂停、撤销、注销决定的同时按第 12 条报送证书状态信息，并在本机构网站公告。

Handling shall follow PTCRZ-QP-12a; status information shall be reported per Clause 12 simultaneously with the decision and announced on PTC's website.

7.5 认证证书的使用Use of Certification Certificate

持证人应遵守PTC有关产品认证证书管理的相关规定。

The certificate- holder shall comply with PTC’s relevant provisions for the administration of product certification certificates.

8 认证标志 Certification Mark

认证标志的管理、使用应当符合PTC有关认证标志管理的相关规定。

The administration and use of the certification mark shall comply with PTC’s relevant provisions governing certification- mark management.

8.1 准许使用的标志式样 Permitted Mark Specimen

式样如下图所示：

The specimen is shown in the figure below:



8.2 标注方式 Marking Method

如施加标志，证书持有者应按照PTC有关产品认证标识的相关规定执行。可以在产品本体、铭牌、说明书、包装上施加认证标志。

Where the mark is affixed, the certificate- holder shall act in accordance with PTC's relevant provisions on product certification marking. The certification mark may be affixed on the product itself, nameplate, instruction manual or packaging.

9 收费 Fees

认证收费按PTC《认证收费规则》收取。

Certification fees shall be charged in accordance with PTC's Rules for Certification Charges.

10 认证责任 Certification Liabilities

PTC应对做出的认证结论负责。

PTC shall be liable for its certification conclusions.

指定实验室应对检测结果和检测报告负责。

The designated laboratory shall be liable for test results and test reports.

认证委托人应对其所提交的委托资料及样品的真实性、合法性负责。

The certification client shall be liable for the authenticity and legality of the submitted entrustment documents and samples.

11 技术争议及申诉 Technical Disputes and Appeals

认证委托人提出的申诉、投诉和争议按照PTC的相关规定处理。

Appeals, complaints and disputes raised by the certification client shall be handled in accordance with relevant provisions of PTC.

12 认证证书有效性查询与认证信息报送 Validity Verification of Certification Certificates and Reporting of Certification Information

12.1 本机构在官方网站（www.ptc-lab.com，下同）“证书查询”栏目，向公众提供免费、实时、便捷的信息通信设备认证证书有效性查询服务，无需注册、无需付费；查询结果至少包括证书编号、认证委托人名称、生产者名称、生产企业名称及地址、产品名称与型号、认证依据标准名称与版本、认证模式、发证日期、证书有效期及证书状态（有效 / 暂停 / 撤销 / 注销）。

PTC shall provide, on its official website (www.ptc-lab.com, the same below) under the “Certificate Verification” section, a free, real-time and easily accessible service for verifying the validity of information and communication equipment certificates, without registration or payment; the result shall at least include the certificate number, client name, producer name, manufacturer name and address, product name and model, certification standards and versions, certification mode, date of issue, validity period and certificate status (valid / suspended / withdrawn / cancelled).

12.2 本规则为本机构自行制定并发布的认证规则，依据本规则出具的认证证书按 12.1 规定的方式查询；本机构不以提示引导、链接跳转或任何其他方式，将国家认监委网站作为本机构认证证书有效性的查询方式。

This rule is a certification scheme developed and issued by PTC itself; certificates issued under this rule shall be verified as specified in 12.1, and PTC shall not, by prompts, hyperlinks, redirection or any other means, use the CNCA website as the means of verifying the validity of its own certificates.

12.3 本机构将 12.1 规定的查询方式报送国家认监委并向社会公开，查询方式发生变更的于变更前 10 个工作日在网站公告。

PTC shall report the verification method in 12.1 to the CNCA and make it public, and shall announce any change on its website 10 working days in advance.

12.4 本机构按《市场监管总局关于加强认证信息报送和认证证书信息查询管理的公告》（2026 年第 28 号）通过“认证认可业务信息统一上报平台”报送下列信息：

In accordance with Announcement No. 28 of 2026 of the State Administration for Market Regulation, PTC shall report the following through the unified reporting platform for certification and accreditation:

a）认证计划，于计划实施 3 日前报送，计划变更的于原计划开始日期前 1 日 23 点前报送，计划撤销的于实施前报送，计划终止的于实施结束前报送；

certification plans, 3 days before implementation, changes before 23:00 of the day preceding the original start date, cancellations before implementation and terminations before the end of implementation;

b）认证结果信息，于结果产生后 1 日内报送认证活动、认证人员、认证对象信息；

certification results, within 1 day after the result is generated, covering certification activities, personnel and objects;

c）证书状态信息，于出具认证证书以及作出暂停、注销、撤销证书决定的同时报送；

certificate status, at the same time as the certificate is issued or a decision to suspend, cancel or withdraw is made;

d）分支机构信息，于设立后 10 日内报送。

branch information, within 10 days after establishment.

12.5 本机构对报送信息的全面性、真实性、准确性负责，不得有虚假、误导或遗漏。

PTC shall be responsible for the completeness, truthfulness and accuracy of the reported information and shall not report false, misleading or omitted information.

12.6 认证委托人、生产者、生产企业应按本机构要求及时、准确提供报送所需的企业信息、产品信息及认证活动信息并对其真实性负责，信息变更的应在变更后 5 个工作日内书面告知本机构。

The client, producer and manufacturer shall provide the required information in a timely and accurate manner and be responsible for its truthfulness, and shall notify PTC in writing within 5 working days of any change.

附件1-1：安全元器件清单-国内List of Safety Components – Domestic Market

元器件类别 Component Category	元器件名称 Component Name	对应标准 Applicable Standard	送样数量 Sample Quantity
电源连接类 Power Connection Category	电源线组件（若电源插头、 电源线、耦合器之一未单独获得CCC认证时，适用） Power- cord assembly (Applicable if any of power plug, power cord or coupler does not hold separate CCC certification)	GB15934	12组 12 sets
	电源插头 Power plug	GB2099.1 GB1002	12个 12 pcs
	电源线 Power cord	GB/T5013 GB/T5023	50米 50 m
	耦合器 （含连接器） Coupler (including connectors)	GB17465.1～2	12套 12 sets
	连接器件 Connecting devices	GB13140.1～3	10个 10 pcs
		GB13140.4 GB13140.5	70个 70 pcs
	扁形快速连接器 Flat quick- connect terminals	GB17196	24个 24 pcs
开关类 Switch Category	器具开关 Appliance switch	GB15092	10个 10 pcs
	继电器 Relay	GB/T21711.1	21个 21 pcs
电自动控制器类 Automatic Electrical Control Category	电控制器 (含 PTC 自控加热器、电磁阀、水位开关、水流开关、排水牵引器、 电流保护器和微电脑控制器等) Electric controller (including PTC self- regulating heaters, solenoid valves, water- level switches, water- flow switches, drain traction devices, current protectors, microcomputer controllers, etc.)	GB14536.1	10个 10 pcs
	电动机热保护器 Motor thermal protector	GB14536.1 GB14536.3	10个 10 pcs
	管型荧光灯镇流器热保护器 Thermal protector for tubular fluorescent lamp ballast	GB14536.1 GB14536.4	10个 10 pcs
	压缩机用电动机热保护器 Motor thermal protector for compressor	GB14536.1 GB14536.5	10个 10 pcs
	压力敏感电自动控制器 Pressure- sensitive automatic electrical controller	GB14536.1 GB14536.7	10个 10 pcs
	定时器和定时开关 Timer and time switch	GB14536.1 GB14536.8	10个 10 pcs
	电动水阀 Electric water valve	GB14536.1 GB14536.9	10个 10 pcs

	温度敏感控制器 Temperature- sensitive controller	GB14536.1 GB14536.10	10个 10 pcs
	热断路器 Thermal cut- out	GB14536	
	电动机用起动继电器 Starting relay for motor	GB14536.1 GB14536.11	10个 10 pcs
	能量调节器 Energy regulator	GB14536.1 GB14536.12	10个 10 pcs
	电动门锁 Electric door lock	GB14536.1 GB14536.13	10个 10 pcs
	湿度敏感控制器 Humidity- sensitive controller	GB14536.1 GB14536.15	10个 10 pcs
	家用洗衣机电脑程序控制器 Micro- processor program controller for household washing machine	GB/T17499	10个 10 pcs
照明部件类 Lighting Component Category	螺口灯座 Edison screw lampholder	GB17935	12个 12 pcs
	卡口灯座 Bayonet lampholder	GB17936	12个 12 pcs
	荧光灯用交流电子镇流器 AC electronic ballast for fluorescent lamp	GB19510.4	6个 6 pcs
	荧光灯镇流器 Ballast for fluorescent lamp	GB19510.9	9个 9 pcs
	荧光灯用启动器 Starter for fluorescent lamp	GB20550	30个 30 pcs
	管状荧光灯座/启动器座 Tubular fluorescent lampholder / starter holder	GB1312	10个 10 pcs
	高强度气体放电灯镇流器 Ballast for high- intensity discharge lamp	GB19510.10	17个 17 pcs
电容器类 Capacitor Category	交流电动机电容器 AC motor capacitor	GB/T3667	46个 46 pcs
	微波炉电容器 Microwave oven capacitor	GB/T18939.1	30个 30 pcs
	电磁炉用高压电容器 High- voltage capacitor for induction cooker	GB/T 3984.1 GB/T 3984.2	40个－70个 40- 70 pcs
保护装置类 Protective Device Category	小型熔断器 Miniature fuse	GB9364.1～3	48个（管状熔断体） 66个（超小形熔断体） 48 pcs (tubular fuse- link), 66 pcs (sub- miniature fuse- link)
	热熔断体 Thermal fuse- link	GB9816	60个 60 pcs
	电动机 Electric motor	GB12350	2个 2 pcs

绕组类 Winding Category	变压器 Transformer	GB19212.5 GB19212.7 GB19212.18	7个 7 pcs
其它 Others	电动机－压缩机 Motor- compressor	GB4706.1 GB4706.17	堵转机1台 1 locked- rotor motor
	负离子发生器 Negative- ion generator	GB4706.45	5台 5 units
	日用管状电热元件 Tubular heating element for household appliances	JB/T4088	9个 9 pcs
	其它类型电热元件 Other- type heating elements	随整机测试 Test together with complete appliance	
	微波炉用磁控管 Magnetron for microwave oven	随整机测试 Test together with complete appliance	
	电磁发热线圈盘 Electromagnetic heating coil plate	随整机测试 Test together with complete appliance	
	高压变压器 High- voltage transformer	随整机测试 Test together with complete appliance	
	高压熔断器 High- voltage fuse	随整机测试 Test together with complete appliance	
	排水泵 Drain pump	随整机测试 Test together with complete appliance	
	微晶玻璃台面 Glass- ceramic cooking surface	随整机测试 Test together with complete appliance	
	电动机－压缩机接线盒 Terminal box for motor- compressor	随整机测试 Test together with complete appliance	

附件 1-2：安全重要零部件、材料清单-国内List of Safety- critical Components and Materials – Domestic Market

序号 No.	名称 Name	需要控制的项目 Items to be controlled
1	内部导线 Internal wiring	供应商、产品名称型号规格 导线材质、截面积 绝缘层材料 Supplier, product name, model & specificationConductor material, cross- sectional areaInsulation material

2	接线端子 Terminal block	供应商、产品名称型号规格 端子（金属）材质 端子接线面积 端子座绝缘材料的材质 Supplier, product name, model & specificationMetal material of terminalTerminal wiring cross- sectional areaInsulation material of terminal base
3	非金属材料 Non- metallic material	供应商 部件名称（如外壳、支撑带电件等） 材料名称（如ABS、PBT、PAPC等） 牌号（如PC-6、PC-66等）燃烧等级（如HB40、HB75等）各种材料的材质 SupplierPart name (e.g. housing, live- part support, etc.)Material name (e.g. ABS, PBT, PA- PC, etc.)Grade (e.g. PC- 6, PA66, etc.), flammability rating (e.g. HB40, HB75, etc.), material composition of each material
4	充电电池 Rechargeable battery	供应商 型号规格 SupplierModel & specification

注 Note:：
随整机样品同时提供的非金属材料包括：
Non- metallic materials supplied together with the complete appliance sample include:
器具上所使用的非金属材料应有耐热、耐燃和耐漏电起痕的性能。申请人应随整机提供所使用的相关的非金属零部件每种2—3 个，或提供相应非金属材料样块(125×13×3mm)5 块。
Nonmetallic materials used in the appliance shall possess heatresistance, flameresistance and trackingresistance properties. The applicant shall submit 2-3 pieces of each relevant nonmetallic component used in the appliance together with the complete appliance sample, or provide 5 pieces of corresponding nonmetallic material test plaques (125×13×3 mm).

附件2：电磁兼容关键零部件清单-国内List of Key EMC Components – Domestic Market

序号 No.	零部件名称 Component Name	产品描述 Product Description
1	电动机（含直流电机、串激电机） Electric motor (including DC motor, universal series- wound motor)	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
2	压缩机 Compressor	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
3	电磁阀 Solenoid valve	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
4	温控器 Thermostat	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
5	机械程控器 Mechanical program controller	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
6	化霜定时器 Defrost timer	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
7	负离子发生器 Negative- ion generator	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
8	臭氧发生器 Ozone generator	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
9	电子镇流器 Electronic ballast	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
10	电源适配器 Power adapter	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
11	独立式电源滤波器 Stand- alone power filter	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
12	滤波电容 Filter capacitor	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
13	滤波电抗器 Filter reactor	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
14	滤波磁环 Filter magnetic ring	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
15	自镇流荧光灯 Self- ballasted fluorescent lamp	名称、型号、规格、生产厂 Name, Model, Specification, Manufacturer
16	电子线路板 Electronic circuit board	名称、型号、电气原理图、元件布置图、外观照片、生产厂 Name, Model, Electrical Schematic Diagram, Component Layout Drawing, External Appearance Photo, Manufacturer

附件3-1 安全元器件清单-出口List of Safety Components – Export

元器件类别 Component Category	元器件名称 Component Name	对应标准 Applicable Standard	送样数量 Sample Quantity
电源连接类 Power connection category	插头 Plug	IEC 60884/EN 50075	
电源连接类 Power connection category	电源线 Power cord	IEC 60227/IEC 60245	
电源连接类 Power connection category	耦合器（连接器） Coupler (connector)	IEC/EN 60320	
开关类 Switch category	器具开关 Appliance switch	IEC/EN 61058	
开关类 Switch category	继电器 Relay	IEC/EN 61810-1	
电自动控制器类 Automatic electrical controller category	电动机热保护器 Motor thermal protector	IEC/EN 60730-1 IEC/EN 60730-2-2	
电自动控制器类 Automatic electrical controller category	定时器和定时开关 Timer and time- delay switch	IEC/EN 60730-1 IEC/EN 60730-2-7	
电自动控制器类 Automatic electrical controller category	温度敏感控制器(热断路器) Temperature- sensitive controller (thermal cut- out)	IEC/EN 60730-1 IEC/EN 60730-2-9	
照明部件类 Lighting component category	灯座 Lamp holder	IEC 60238	
电容器类 Capacitor category	启动电容/运行电容 Starting capacitor / Running capacitor	IEC/EN 60252-1 IEC/EN 60252-1	
电容器类 Capacitor category	X电容 X- capacitor	IEC/EN 60384-14	

电容器类 Capacitor category	Y电容 Y-capacitor	IEC/EN 60384-14	
保护装置类 Protective device category	小型熔断器 Miniature fuse	IEC/EN 60127-1 IEC/EN 60127-3	
保护装置类 Protective device category	热熔断体 Thermal-link	IEC/EN 60691	
绕组类 Winding category	电动机 Electric motor	随整机测试 Test with complete appliance	1
绕组类 Winding category	变压器 Transformer	随整机测试 Test with complete appliance	1
其它 Others	适配器 Adapter	IEC/EN 61558-1 IEC/EN 61558-2-16 或 IEC/EN 60335-1 IEC/EN 60335-2-29	
其它 Others	负离子发生器 Negative-ion generator	IEC/EN 60335-1 IEC/EN 60335-2-65	
其它 Others	压敏电阻 Varistor	IEC/EN 61051-1 IEC/EN 61051-2-2	
其它 Others	发热元件 Heating element	随整机测试 Test with complete appliance	1
其它 Others	电磁发热线圈盘 Electromagnetic heating coil plate	随整机测试 Test with complete appliance	1
其它 Others	高压变压器 High-voltage transformer	随整机测试 Test with complete appliance	1
其它 Others	排水泵 Drain pump	随整机测试 Test with complete appliance	1
其它 Others	微晶玻璃台面 Ceramic-glass cooktop surface	随整机测试 Test with complete appliance	1

附件3-2：安全重要零部件、材料清单-出口List of Safety-critical Components and Materials – Export

序号 No.	名称 Name	需要控制的项目 Items to be controlled
1	内部导线 Internal wiring	制造商、产品名称型号规格 电压、截面积、温度、认证信息（如UL,VDE等） Manufacturer, Product Name, Model & Specification Voltage, Cross-sectional area, Temperature, Certification information (e.g. UL, VDE, etc.)

2	接线端子 Terminal block	制造商、产品名称型号规格 端子（金属）材质 端子接线面积 端子座绝缘材料的材质、认证信息（如CB,VDE,ENEC,TUV等） Manufacturer, Product Name, Model & Specification Material of terminal (metal) Terminal wiring cross-section area Material and certification information of terminal base insulating material (e.g. CB, VDE, ENEC, TUV, etc.)
3	非金属材料 Non-metallic material	制造商 部件名称（如外壳、支撑带电件等） 材料名称（如ABS、PBT、PAPC等） 牌号（如PC-6、PC-66等）燃烧等级（如V-0, V-1等）各种材料的材质、认证信息（如UL,VDE等） Manufacturer Component Name (e.g. enclosure, live-part support, etc.) Material Name (e.g. ABS, PBT, PA-PC, etc.) Grade (e.g. PC-6, PA66, etc.), Flammability rating (e.g. V-0, V-1, etc.), Material property and certification information for each material (e.g. UL, VDE, etc.)
4	充电电池 Rechargeable battery	制造商、型号规格、电压/容量/能量、认证信息（如CB认证或IEC 62133测试报告） Manufacturer, Model & Specification, Voltage / Capacity / Energy, Certification information (e.g. CB certificate or IEC 62133 test report)