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Product Certification Rules

Certification Rules for Interior Materials

内饰材料认证规则

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China Quality Certification Center

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are considered as one certification unit:

Single material:

- (1) Texture;
- (2) Processing technique;

Laminated composite material:

- (1) Texture and thickness of each layer;
- (2) Processing technique;
- (3) Connection mode among layers.

Multi-piece splicing material:

- (1) Texture and structure of each piece (single or laminated composite);
- (2) Processing technique;
- (3) Connection mode among pieces.

For the interior materials of passenger cars, classification due to differences in application materials, interior materials (parts) and usage parts shall also be considered.

The certification client shall propose certification entrustment based on the principle of unit division. The same unit may contain multiple models of products. The same model refers to products whose design has no impact on standard compliance.

The same product produced by the same producer and different production enterprises (which shall have the same production process and the same key parts / raw materials suppliers), or the same product produced by different producers and the same production enterprise, shall be different application units. However, it can be type-tested on the samples of one unit, and products produced by other production enterprises / producers need to provide information for consistency verification.

3.2 Material submission for certification application

The certification client submits the certification entrustment to CQC through the Internet (www.cqc.com.cn). The certification client must fill in the necessary enterprise information and product information as required. CQC will review the application based on relevant requirements, issue a notice of acceptance or rejection, or require the certification client to make rectifications and re-submit the certification application.

After the application is accepted, the certification client shall provide relevant application

the Rules (for initial application and when there are changes);

(6) Factory inspection questionnaire (when application);

(7) Other required documents.

4. Type test

4.1 Type test scheme

For certification entrustments that require type test, after the application materials pass the review, CQC will formulate a type test scheme in accordance with the principle of unit division and certification standards and notify the certification client. The type test scheme includes sample requirements for unit or unit combination sample delivery / sampling, test standards and items, and laboratory information, etc. If there is only one model in the application unit, samples of this model shall be submitted. When the same unit contains multiple models / specifications, samples shall be selected from representative models / specifications, and the selected samples shall cover the structural parameters of other products and key parts / raw material producers as much as possible.

4.2 Type test sample requirements

4.2.1 Basic requirements

Type test samples shall be products produced by the production enterprise entrusted with certification in accordance with the normal processing mode. The certification client shall ensure that the samples it provides are consistent with the actual products produced, and shall not borrow, rent or purchase samples for testing. CQC and / or laboratories shall review the authenticity of samples provided by the certification client. If the laboratories have doubts about the authenticity of the samples, they shall explain the situation to CQC and handle it accordingly.

4.2.2 Requirements for sample submission

The certification client shall prepare samples in accordance with the requirements of the type test scheme and submit them to the entrusted laboratory. If the certification client requests it, CQC can also arrange for inspectors to conduct on-site sampling during the factory inspection of production consistency in accordance with 5.3. Under this circumstance, sample shall be carried out on the premise that the on-site inspection of production consistency is concluded to be qualified, or if there are non-conformities, the effectiveness of corrective measures needs to be verified in writing.

In principle, the production enterprise shall ensure that samples are sent to the entrusted laboratory for type test within 20 days upon receiving the type test scheme. If the certification client fails to send samples within the specified time due to special circumstances, it must provide CQC with sufficient reasons for the delay in sending samples.

4.2.3 Sample specifications and quantity for type test

4.2.3.1 Interior materials for vehicles

It shall be ensured that at least 5 specimens can be removed from the interior parts to be submitted / sampled. If there are materials with different burning rates in different directions, then, respectively take 5 (or more) specimens in each direction.

- (1) For materials with the same design burning rate, the standard specimen is a rectangle, with a length of 356 mm and a width of 100 mm. The thickness of the specimen is the thickness of the part, but not more than 13 mm.
- (2) If the shape and size of the interior parts are not sufficient to produce standard specimens of the specified size, then, the following minimum size specimens shall be ensured:
 - a) If the width of the interior parts is between 3 mm ~ 60 mm, the length shall be at least 356 mm. Under this circumstance, the specimen shall be made as close to the width of the interior parts as possible.
 - b) If the width of the interior parts is greater than 60 mm, the length shall be at least 138 mm.

4.2.3.2 Interior materials for passenger cars

The following minimum size requirements shall be satisfied:

- a) Parts with a width ≥ 100 mm and a length ≥ 356 mm;
- b) Parts of the same material, with a width ≥ 100 mm, $138 \text{ mm} \leq \text{length} < 356$ mm, and a cumulative length ≥ 1 m used in the same part of the vehicle;
- c) Parts of the same material, with $20 \text{ mm} \leq \text{width} < 100$ mm, length ≥ 356 mm, and a cumulative length ≥ 2 m used in the same part of the vehicle.

Please see Table 5 in Appendix 5 for specific sample quantity, specification and size requirements for sample submission / sampling.

4.2.3.3 Interior materials for specific types of vehicles

It shall be ensured that 3 (or more) specimens can be respectively cut from the interior

4.2.4 Relevant requirements for key parts / raw materials

For key parts / raw materials involved in the test scheme, if the producer or production enterprise can provide a compulsory product certification certificate that complies with the requirements or a voluntary certification certificate issued by a designated certification institution, CQC will accept the certification results based on the review of the corresponding certificate, and the test items of corresponding parts / raw materials can be exempted. For specific parts / raw materials test items specified by CQC, valid test reports issued by laboratories accredited in compliance with GB/T 27025 (ISO/IEC 17025) can also be accepted.

4.3 Basis standards and test items

GB 8410-2006 Flammability of Automotive Interior Materials

GB 7258-2017 Technical Specifications for Safety of Power-driven Vehicles Operating on Roads, Clause 11.7, Interior Materials and Sound and Heat Insulation Materials

GB 38262-2019 Flammability of Interior Materials for Buses

GB/T 32086-2015 Requirement of Vertical Flammability Characteristic and Test Method for Certain Category Automobile Interior Material

JT/T 1095-2022 Flame Resistance of Commercial Bus Interior Materials

GB 24407-2012 The Safety Technique Specifications of Special School, Clause 5.12.6.1, Interior materials

FMVSS No.302: Flammability of interior materials

UNECE Regulation No. 118 The burning behavior and/or the capability to repel fuel or lubricant of materials used in the construction of certain categories of motor vehicles

The type test items are the applicable clauses of the above-mentioned standards.

In principle, the latest version of the above-mentioned standards shall be implemented. When other versions of the standards need to be used, then, the special requirements of the applicable relevant standards specified in Appendix 3 shall be followed.

For national laws, regulations and related standards involving the safety and environmental protection of interior material products that are not included in this Rules, the producer shall consciously implement them and comply with the requirements.

The certification client shall ensure that a complete and valid type test report can be provided to CQC during post-certification supervision.

4.7 Utilization of enterprise test resources

If it is necessary to utilize enterprise test resources to implement on-site test, the CQC-related on-site monitoring and control procedure requirements shall be followed.

5 Initial factory inspection

5.1 Basic requirements

The producer or factory shall establish, implement and continuously maintain the production consistency control system in accordance with the requirements of Appendix 2 of this Rules, so as to ensure that the certified products can continue to satisfy the certification requirements. CQC will conduct compliance inspection on the factory's production consistency control system. The initial factory inspection is carried out in the mode of production consistency control plan review + production consistency factory on-site inspection (hereinafter referred to as factory on-site inspection).

Under normal circumstances, after passing the type test and production consistency control plan review, the factory on-site inspection will be carried out. When necessary, product type test and factory on-site inspection can also be simultaneously carried out.

In principle, the production consistency control plan review and factory on-site inspection shall be completed within one year after passing the type test, otherwise, the product type test shall be re-conducted.

Subsequent applications for the same type of products from the same enterprise are exempted from the production consistency control plan review and factory on-site inspection, and only post-certification supervision and inspection will be implemented.

5.2 Review of production consistency control plan

5.2.1 The producer or factory shall formulate a production consistency control plan in accordance with the requirements of Appendix 2 of this Rules and submit it to CQC for review. CQC shall inform the producer or factory of the review results.

5.2.2 After the production consistency control plan is reviewed and approved, CQC will prepare a production consistency factory on-site inspection scheme based on it. The scheme shall include the products, locations and scope of inspection.

Please see the requirements of Appendix 4 for the classification management measures for production enterprises.

7.1 Time of post-certification supervision

In principle, after obtaining the certificate for the first time or after the initial factory inspection, the production enterprise must undergo supervision in accordance with the basic frequency specified in Table 3.

When the following situations occur to Type A, Type B, Type C and Type D production enterprises, the frequency of supervision shall be increased based on the basic frequency of supervision:

If one of the following situations occurs, then, the frequency of supervision will be increased:

- (1) When a certified product has serious quality problems or users make serious complaints, which are verified to be the certificate holder's responsibility;
- (2) When the certification institution has sufficient reasons to question the conformity of the certified product with the certification standards;
- (3) When there is sufficient information suggesting that changes in organizational structures, production conditions and quality management system of the producers and production enterprises may affect product conformity or consistency.

7.2 Production consistency supervision and inspection

7.2.1 The factory shall document the implementation of its production consistency control plan every year, that is, complete the production consistency control plan implementation report in accordance with the requirements of Clause 4 of Appendix 2 of the Rules.

7.2.2 The factory inspection team shall pay a visit to the production consistency control site to review the implementation of the production consistency control plan. The content of the review shall at least include:

- (1) The actual implementation of the production consistency control plan, including the implementation report of the production consistency control plan completed by the producer or production enterprise in accordance with Appendix 2 of the Rules;
- (2) The structure and parameters of certified products (including model specifications and key components) and on-site designated test of certified products (selected from the production consistency control plan);

- (3) The storage and utilization of certification certificate and certification marks (if any);
- (4) Corrective measures for non-conforming items in the previous factory inspection and verification of their effectiveness.

7.2.3 The inspection team is responsible for reporting the factory supervision and inspection conclusions. When there are non-conformities during the inspection, the factory shall complete rectifications within the specified period, and CQC will take an appropriate mode to verify the rectification results. Those who fail to complete the rectifications on time or fail in the rectification will be deemed as FAIL in the supervision and inspection.

7.2.4 The number of man-days for production consistency supervision and inspection is determined in accordance with the number of categories of certified products, with due consideration to the scale of the factory. Generally, it takes 1 ~ 2 man-days per factory.

7.2.5 If it is impossible to implement on-site factory follow-up inspection under special circumstances, the requirements of the CQC product certification remote inspection implementation guidelines shall be followed.

7.3 Supervisory sampling test or inspection

7.3.1 Principle of supervisory sampling test or inspection

When necessary, the certification institution may conduct supervisory sampling test or inspection on the certified products. CQC shall formulate a supervisory sampling test or inspection scheme in accordance with product characteristics and production enterprise classification management requirements. In general, samples of typical models of typical units shall be taken for the supervisory sampling test or inspection.

The supervisory sampling test or inspection includes production site sampling and market sampling.

7.3.2 Production site sampling test or inspection

In accordance with the production enterprise classification management requirements and the situation of certification risks, an annual or special production site sampling test scheme can be formulated based on Table 3. The scheme shall include sampling / sample sealing requirements, test standards, items and laboratory information, etc.

CQC shall designate personnel to draw samples in accordance with the sampling test scheme at factory production lines, warehouses or ports (only overseas certified factories). The samples taken shall be qualified products confirmed by the producer or production enterprise. During the production consistency supervision and inspection, when the inspection team needs to confirm the factory's production consistency control in

8 Certification Certificate

8.1 Maintenance of certificate

The valid period of the product certificate as covered by this Rules is 10 years. In the validity period, the validity of the certificate depends on the regular supervision by CQC.

If the validity period of the certificate ends and needs to be used continuously, the certification client shall submit the certification-entrusting within 90 days before the expiration of the validity period of the certificate. If the result of the last post-certification supervision is PASS within the validity period of the certificate, CQC will directly issue a new certificate.

The use of the certificate shall comply with the certificate management requirements of the certification institution.

If the content of the certification certificate is marked on the certified product, it shall be consistent with the content of the certification certificate.

8.2 Changes of certification certificate

8.2.1 Implementation of changes

When the following matters change, the certification client shall submit a change entrustment to CQC. The change can be implemented only after evaluation and approval.

- (1) The content of the certificate changes (such as: the name and address of the certification client, producer or production enterprise, model and specifications, and certification standards, etc.);
- (2) Technical changes (design, structural parameters, key components / raw materials, etc.) to certified products that may affect the compliance with relevant standards;
- (3) Due to changes in the production consistency control plan, production conditions and relocation, etc., production consistency of the factory may be affected;
- (4) Other matters stipulated by CQC are changed, for example, converted into maintenance parts certificate for discontinued models.

8.2.2 Change evaluation and approval

CQC evaluates the information provided based on the content of the change, to determine whether the change can be approved. If the sample testing and / or factory inspection is

required, CQC shall respectively formulate a sample test scheme and a production consistency factory on-site inspection scheme and can only approve the change after the result of the test and / or inspection is PASS.

If the change requirements are satisfied, the change will be approved. If a new certificate is issued, the serial No. of the new certificate will remain unchanged in principle, and the date of approval of the change will be indicated. If a new certificate is not required, a change confirmation form shall be issued, indicating the content of the change and the date of change approval.

8.2.3 Utilization of enterprise test resources

Same requirements as 4.7.

8.3 Cancellation, suspension and withdrawal of the certificate

The use of the certificate shall comply with the certification institution's requirements regarding certificate management. When the certificate holder violates the relevant regulations of certification or the certified product fails to satisfy the certification requirements, the certification institution shall suspend, cancel and withdraw the certification certificate in accordance with the relevant stipulations, and announce the results.

The certificate holder can apply to the certification institution to suspend or cancel the certification certificate that it holds.

During the period of certificate suspension, if the certificate holder needs to restore the certification certificate, he shall submit a restoration application to the certification institution within the specified suspension period, and the certification institution shall handle the restoration in accordance with relevant regulations. Otherwise, the certification institution will withdraw or cancel the certification certificate being suspended.

8.4 Electronic certificate

At the request of the certification client, CQC may provide electronic certificates to the certification client in accordance with the requirements of relevant laws and regulations.

8.5 Certificate issuance within the same manufacturer

For parts manufacturers that have obtained a CQC certificate for the same type of products, when the factory is relocated or a new production site is established in the same Group, if the enterprise declares that it complies with relevant laws and regulations, and ensures that the quality management system is sound and that the products comply with

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