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China Compulsory Certification Implementation Rules -

Automotive interiors

强制性产品认证实施规则

汽车内饰件

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0 Introduction

This Rules is established based on the security risk and certification risk of [automotive interiors](#). It stipulates the basic principles and requirements for the implementation of China Compulsory Certification for [automotive interiors](#).

This Rules can be used with other general rules issued by Certification and Accreditation Administration (CNCA), such as “China Compulsory Certification Implementation Rules - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination”, “China Compulsory Certification Implementation Rules - Utilization of Manufacturing Enterprise Testing Resource and Other Certification Results”, “China Compulsory Certification Implementation Rules - Factory Inspection General Requirements”.

The certification body shall make principles for certification according to the general implementation rules and this Rules and implement them accordingly.

Manufacturing enterprise shall ensure that their certified products are capable of sustaining the compliance with the certification and are compatible with the requirements of the standards.

1 Application scope

This Rules applies to the [automotive interiors](#) that are installed on the following position in the M-, N-, O-type vehicles, made of organic materials and organic composite materials, and that conform to the sample-size requirements of 6.1.2 in this Rules:

- (1) The automotive interiors in passenger compartment, cockpit and luggage compartment;
- (2) Soundproofing, heat insulation interiors used by engine compartment or other heat sources.

Due to the changes in the law, regulations or related product standards, technology, industry policies and other causes which may change the applicable scope, the announcement released by CNCA shall be final and conclusive.

2 Certification standards

GB 8410 Flammability of automotive interiors materials

In principle, the latest version of above standard that are issued by the National

Standardization Administration shall be executed. When other versions are required to use, then it shall be executed according to the applicable relevant standards issued by the State Certification and Accreditation Administration (CNCA).

3 Certification modes

The basic certification mode of implementing the China Compulsory Certification for [automotive interiors](#) is:

Type test + initial factory inspection + after-certification supervision;

Above “After-certification supervision” refers to 1 of the 3 modes – after-certification follow-up inspection, factory on-site sampling test, or sampling test in the market.

The certification body shall follow the requirements of “China Compulsory Certification Implementation Rules - Manufacturing Enterprise Classification Management, Certification Mode Selection and Determination” to carry out the classification management to manufacturing enterprise; consider the results of classification management; on the basis of basic certification mode, appropriately increase the combination of supervision mode after certification, so as to determine the certification mode that is applicable to certification client. [\[TRANSLATOR NOTE is not part of this Rules. Translator note: “certification client”, the counterpart of certification body, refers to the Applicant / Manufacturer or its proxy \(Power of Attorney\). For ease of reading, hereinafter abbreviated as “CLIENT”\].](#)

4 Classification of certification units

In principle, “[automotive interiors](#)” products of the same-function, produced by the same-producer (manufacturer) and same-manufacturing enterprise (location), and having no significant difference in the following aspects could be classified as one certification unit:

- (1) The structure of automotive interiors (number of plies or chunks);
- (2) The texture, thickness and processing technology of each layer of materials;
- (3) The connection mode between plies (or chunks).

In principle, CLIENT shall put forward the certification entrusting based on the principle of unit classification. It may include multiple “models (or specifications)” products in a same-unit. Same-model refers to those products of which the design has no impact to standard compliance.

For the same-product that is of same-manufacturer but of different manufacturing

Type test shall be conducted in the laboratory designated by CNCA. Laboratory shall conduct the type test to the samples, integrally record the whole test and archive for retaining, so that the test process and results are traceable.

If there is test item that is non-conformant, rectification is allowed after the analysis of reasons causing the non-conformance. After the rectification, it can be re-tested. For those that need retest, the laboratory must inform the certification body of the information of test situation, and the certification body re-confirm the test plan.

6.1.5 Type test report

Certification body shall specify a unified form of the type test report.

After the type test is completed, the laboratory shall, in time, provide the type test reports to certification body and CLIENT. CLIENT shall ensure that it is able to provide the complete and valid type test report to certification body and laws enforcement authorities during the after-certification supervision.

6.2 Initial factory inspection

Initial factory inspection is that the certification body evaluates if the factory's production conformity control system is able to comply with the certification requirements. It is according to mode "Production conformity control plan auditing + Production conformity factory on-site inspection".

Note: Factory in this Implementation Rules involves CLIENT, manufacturer and manufacturing enterprise.

6.2.1 Basic principle

Factory shall, according to the requirements in Attachment 2 of this Rules, establish, implement and continuously maintain the production conformity control system, so as to ensure that the products can continuously meet the certification requirements.

Certification body shall conduct compliance inspection to the factory's production conformity control system. In principle, initial factory inspection shall be completed within 1 year after the type test is qualified, otherwise, it shall repeatedly conduct the product type test.

6.2.2 Inspection requirements

Factory shall formulate the production conformity control plan according to the requirements in Attachment 2, and submit to certification body for auditing. Certification body shall inform the auditing results to the factory.

If the production conformity control plan can meet the requirements in Attachment 2 of this Rules, the auditing is PASS. If not, factory shall rectify and resubmit. Certification body re-audits and informs the results to factory.

implementation situation, or the structure and parameters of the actual products are significantly different from the type test samples, the inspection result is disqualified, and this certification is terminated.

6.3 Certification evaluation and approval

Certification body shall make a comprehensive evaluation to the type test, factory inspection results and relevant information / materials. If the evaluation is PASS, the certificate will be granted according to certification unit. If not, the certification is terminated.

6.4 Time limit of the certification

Certification body shall make specific provisions on each steps of the certification, and determine all relevant work to be done within the time limit. CLIENT shall cooperate with the certification body actively. In general, certificate will be granted to CLIENT within 90 days, since the certification entrusting is accepted.

6.5 Service-parts of discontinued vehicles

The requirements of entrusting and certification implementation are shown in Attachment 3.

7 After-certification supervision

After-certification supervision refers to the supervision implemented to the certified product and manufacturing enterprise. Certification body shall consider the classification management and actual situation of the manufacturing enterprise, and clarify the specific requirements for selecting the method of after-certification supervision in certification implementation detailed-rules.

7.1 After-certification follow-up inspection

7.1.1 Principles for after-certification follow-up inspection

Certification body shall implement the effective follow-up inspection to the certified product and manufacturing enterprise, so as to validate that the quality assurance capacity of the manufacturing enterprise can continuously comply with the certification requirements; and ensure that the certified products are in accordance with standards' requirements; and maintain the conformity with type test samples.

When the after-certification follow-up inspection shall be conducted during the normal production of manufacturing enterprise, "no-advance notice" is preferred. For those products that are not continuously manufactured, CLIENT shall provide the production plan to certification body so that the follow-up inspection can be conducted in an effective way.

“China Compulsory Certification management method”.

9.1 Mark style permitted to use

The certified automotive interiors shall use Safety-type (S) certification mark. The style is as follows:



9.2 Use requirements

It may adopt the standard-specification certification marks that are unified-ly printed by CNCA or non-standard-specification printed/molded certification marks. The marks shall be applied at appropriate position of main-body of the certification product or on the smallest-packaging.

When adopting non-standard-specification printed/molded certification marks, the marks shall be preserved permanently. The mark shall be easily seen without damaging the vehicle and the certified products. According to the characteristic of the product and process, the printing or molding marks can be completed in any stage of the product production.

10 Charges

Certification body and laboratory shall base on the national provisions of China Compulsory Certification fees to charge the fees.

Certification body shall, based on the initial factory inspection fees, after-certification supervision re-inspection man-day fees in national provisions of China Compulsory Certification fees, reasonably determine the specific man-day fees.

11 Certification responsibility

Certification body shall be responsible for the certification results.

Laboratory shall be responsible for the test results and test reports.

Certification body and its inspectors shall be responsible for the factory inspection conclusion.

CLIENT shall be responsible for the submitted materials, and samples' authenticity

conformity.

Appendix 1: Factory quality assurance capability requirements

Factory are the main body responsible for the quality of products. Its capacity in maintaining quality shall be consistently conform to the certification requirements. Factory shall meet the requirements for factory's quality assurance capability specified in this Rules; ensure that all certified products are identical with the samples that have passed the type test. Factory shall cooperate with certification body in various factory on-site inspection, market inspection and sampling test according to this Rules and other relevant production certification implementation rules / details.

1 Responsibility and resource

1.1 Responsibility

Factory shall define the responsibilities and inter-relations of all the personnel involved in the quality activities. And factory shall appoint a management representative for quality, who, irrespective of other responsibilities, shall be responsible for:

- (a) Ensuring that quality system, which meets the requirements of this document, is established, implemented and maintained.
- (b) Ensuring that the products with the compulsory certification mark are produced in conformity with the standards according to which they have been certified.
- (c) Use CCC certificate and marks appropriately, and ensure that the certificate of CCC marks is continuously valid.

The management representative for quality shall be competent to perform the work.

Personnel shall be appointed to supervise the production operations across all shifts, in order to ensure the product quality.

Personnel responsible for product quality shall have the authority to stop production in order to correct quality problems.

1.2 Resource

Factory shall be equipped with necessary production facilities and testing equipment in order to manufacture products consistently in conformity with relevant standards. In addition, factory shall provide relevant human resources, to ensure that the personnel who perform the work affecting product quality are competent, and shall establish and maintain necessary environment suitable for manufacturing, testing and inspection, storage etc.

the validity and inspection on the critical components when they are stocked in the warehouse.

3.2.2 For the quality of the critical components, factory shall choose the appropriate way to determine the technical requirements on them and ensure the certification requirements on finished products. Records shall also be made. Appropriate control methods include:

(a) Obtaining the CCC certificate or other compulsory product certificate for finished products, and the factory shall ensure the validity of the certificate.

(b) For the critical components without certificate, its regular inspection shall be in accordance with product certification implementation rules / details.

(c) The control plan made by factory shall have better or equal effect as mentioned in a and b.

3.2.3 When purchasing critical components from distributors and traders, factory shall make appropriate measures to determine if the critical components can consistently meet the technical requirements. For those critical components, sub-assembly, assembly and semi-finished products entrusted to subcontractors, factory shall conduct the control same way as controlling the purchase of critical components, so that all the products can meet the requirements. For self-produced critical components, the control shall be according to the following step 4.

4 Manufacturing processes control

4.1 Processes preparation

4.1.1 Factory shall identify and validate the critical production processes. The operators for the critical production processes shall have the appropriate qualification. If the product quality cannot be guaranteed without operating documents, appropriate operating instructions shall be prepared to make production processes under control.

4.1.2 Study the critical production processes to verify process capability and provide input for process control.

4.1.3 Verification of the production preparation shall be conducted in a suitable manner.

4.2 Where environment condition is required, factory shall meet the requirements.

4.3 Factory shall monitor and control the appropriate process parameters and product characteristics, as applicable.

4.4 Factory shall establish and implement the system for production tooling management and for critical production equipment preventive maintenance to ensure that the equipment can consistently meet the requirements of operation.

purchasing process, manufacturing process and testing process.

Factory shall establish procedure instructions for rework and re-repair, including that the repaired and reworked product shall be re-tested. The repairing for important components and parts shall be recorded.

Product with unidentified or suspect status shall be classified as nonconforming product.

Useless products must be controlled by the similar method to non-conforming product.

Disposal record of the non-conformity product shall be maintained.

6.2 For the external information on nonconforming product, including national and provincial supervision and random inspection, product recall and client complaint, factory shall analyze the reasons and make proper corrective actions. Factory shall keep record on the information about nonconforming product, reason analysis and disposal & corrective actions.

6.3 Factory shall inform the certification body on time when there is serious quality problem about the certified product (including product recall and unqualified result from national and provincial supervision and random inspection).

7 Internal quality audit

Internal audit procedures shall be established and documented to ensure the validity of the quality system and the conformity of the certified products. The results of internal audit shall be maintained.

Factory shall keep records of all complaints, especially to the products that do not comply with the requirements of relevant standard, and make these complaints as the inputs of the internal audit.

The factory shall conduct internal audits at appropriate interval to determine whether the quality management system is effective. The factory shall audit product at appropriate interval and stage of production to verify compliance to all specified requirements. Corrective and preventive actions shall be taken, and records shall be maintained.

8 Product protection and delivery

Product protections, including packing, carrying and storage made by factory in purchasing, manufacturing and inspection, shall not affect the products' conformity to the relevant standards. When necessary, factory shall control the process of production delivery.

In order to detect deterioration, the condition of product in storage shall be assessed at appropriate planned intervals.

Certification body shall consider the manufacturing enterprise classification management and actual situation, formulate a specific plan according to their different supervision method after certification.

The follow-up inspection and / or factory on-site inspection and market sampling test can be in accordance with the standards to which the product was type tested.

During the follow-up inspection, if there is same-category product (not vehicle out of production) obtain the certificate, it is allowed to conduct follow-up inspection or factory on-site inspection on the other same-category products. That is, the after-sales service part of vehicle out of production are not required to be on production.

If there is no same-category products (not discontinued vehicles) obtaining the certificate, then:

For in-warehouse type of the after-sales service part of discontinued vehicles, the enterprise shall provide evidence for the consistent conformity to relevant requirements. If certification body is not satisfied or doubtful about the evidence, they can conduct factory on-site sampling inspection and test.

For order-form type of the after-sales service part of discontinued vehicles, the enterprise shall provide the production record within two years, and shall implement the verification test and maintain the record. Certification body can conduct factory on-site sampling inspection and test.

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