

China Compulsory Product Certification Implementation Rules for Compulsory Certification of toy Category Products

Electric toy Category Products

Issued on Dec 1st 2010 Effective on Dec 1st 2010

Issued by the Certification and Accreditation Administration of PRC

1. Product Scope

This rule applies to the toy products designed or intended for children under age of 14, electric energy is required for at least one function, including electric, video and acousto-optic toys, etc. of all materials.

Note: not including transformers and battery chargers.

2. Certification mode and conditions after inspection

2.1 Certification mode

Type test (Declaration of Conformity) + supervision after inspection

Note: in case of the certification certificates have been withdrawn or administration penalty executed for the quality issues of certified products, original certificate holders make reapplication certification, or the materials submitted by the clients need field verification, the certification body may execute the inspections on the quality assurance abilities of the factory and the inspections on its' product consistency first, as well as product inspections by sampling methods (refer to 4.5.4.2).

2.2 Conditions after inspection

- 1) The products meet the requirements of the standards GB 6675 National Safety Technical Code for toys and GB 19865 Electric toys Safety (not including Chapter 20 Radiation, toxic and similar hazards).
- 2) The quality assurance abilities of the factory meet the regulations of Quality Assurance Abilities of the Factories for Compulsory Certification of toy Category Products.
- 3) The enterprises (clients, manufacturers, factories) submit the quality assurance abilities of the factory to the certification body, as well as the declaration of conformity that the products meet sustainable certification requirements.

Note: the certification certificate holders certified by producing products by ODM shall not use the certification results as the basis for certification application cooperated with other factories.

3. Basic procedure of the certification

Application of the certification

Type tests (declaration of conformity)

Evaluation of certification results and approval of certification

Supervision after inspection

4. Basic requirements of the certification

4.1 Application of the certification <http://china-ccc-certification.com/171.html>

4.1.1 Certification unit classification

The clients shall make application according to the units, and the certification body approves the certificates according to the units.

One product or one group of products produced by the same client, manufacturer or in the same factory could be classified as one certification unit if they meet the principles for unit classification as follows. Specific principles for unit classification are as follows:

Electric toys: toys which major playing functions as various actions may be realized by electric driven.

Including: Electric toys of various control and actuation methods.

Principles for unit classification:

1. Similar in structures and appearances
2. Similar in functions and preset play modes
3. Same category of main materials (eg. metal, plastic and velvet fabric, etc. Plastic materials may be divided into ABS, PS and PP, etc.)
4. Same age group (36 months and under / 37 months and above)

Video toys: toys with video screens or may be external connected to them, by which children may operate and play with.

Including: various video game and video learning machine toys, etc.

Principles for unit classification:

1. Similar in structures and appearances
2. Similar in functions and preset play modes
3. Same category of main materials (eg. metal, plastic and velvet fabric, etc. Plastic materials may be divided into ABS, PS and PP, etc.)

Acousto-optic toys: toys which major playing functions as sound/light emitted by electricity.

Including: various styles of sound/light emitted toys.

Principles for unit classification:

1. Similar in structures and appearances
2. Similar in functions and preset play modes
3. Same category of main materials (eg. metal, plastic and velvet fabric, etc. Plastic materials may be divided into ABS, PS and PP, etc.)

4.1.2 Certification materials needed to be submitted for certification application

The clients submit the certification application and following materials to the designated certification body according to the certification application units:

- 1) Certifications which demonstrate the clients, manufacturers and factories are registered or legally registered.
- 2) Overview of factory
 - a) General conditions of the factory (production scale, capacity and history of the products for application);
 - b) List of key production equipment of the factory;



c) List of main inspection instrument devices of the factory(including:name,model,specification,quantity,accuracy,calibration cycle,etc.);

d) Quality management documents that the factory meet Quality Assurance Abilities of the Factories for Compulsory Certification of toy Category Products,which is required to submit when making initial application and/or change of edition of quality management documents/substantial alteration,as well as the organization chart.

3) Related production information

Generally including relevant contents applicable for the products for certification application as follows.

Electric toys:

1.General names and categories of main materials(eg.metal,plastic and velvet fabric,etc.Plastic materials may be divided into ABS,PS and PP,etc.),qualification certifications of the migrating elements in the product coating and qualification certifications of combustion performance,etc.

2.Descriptions of toy structures and outline sizes;

3.Functions,preset play modes,control modes(eg.by-wire,key switch controlled,etc.)

4.Power types(battery powered,type of battery shall be noted,adapter and dual power powered);

5.Age group.

Video toys:

1.General names and categories of main materials(eg.metal,plastic and velvet fabric,etc.Plastic materials may be divided into ABS,PS and PP,etc.),qualification certifications of the migrating elements in the product coating and qualification certifications of combustion performance,etc.

2.Descriptions of toy structures and outline sizes;

3.Functions,preset play modes,control modes(eg.by-wire,key switch controlled,etc.)

4.Power types(battery powered,type of battery shall be noted,adapter and dual power powered);

5.Age group.

Acousto-optic toys:

1.General names and categories of main materials(eg.metal,plastic and velvet fabric,etc.Plastic materials may be divided into ABS,PS and PP,etc.),qualification certifications of the migrating elements in the product coating and qualification certifications of combustion performance,etc.

2.Descriptions of toy structures and outline sizes;

3.Functions,preset play modes,control modes(eg.by-wire,key switch controlled,etc.)

4.Power types(battery powered,type of battery shall be noted,adapter and dual power powered);

5. Age group.

- 4) Photos or pictures which can sufficient identify the main features of all products for certification, together with texts if necessary.
- 5) List of key raw/auxiliary materials and components

Name, model, specification, factory shall be noted in the list. Mainly including:

Materials of main toy body (Class A), coating materials (coating materials of toys, cosmetic toys and toys belong to the writing tools of toy category, for children age below 6 or above 6, their food/mouth contacting with the toys shall be controlled as Class A, others Class B), motors (Class A), external battery boxes (Class B), fuses (Class B) and temperature controller shall be provided where applicable.

- 6) If the clients are sellers or importers, they shall also submit the copies of relevant contracts concluded between the sellers and producers or between the importers and producers to the designated certification body.
- 7) If the clients entrust others for make certification, they shall make the power of attorney or contracts with trustees on issues about certification, testing, inspection and supervision, etc. The trustees shall also submit the copies of power of attorney or contracts to the designated certification body.
- 8) Other documents required by the designated certification body.

4.2 Type tests

4.2.1 Sampling for type tests

After the certification body has accepted the certification, the client is responsible for providing the certification products to the test organization for the samples to be type tested and assure that the provided samples are consistent with the products in actual production. Each certification unit shall be sampled for type test. Once needed, it should be sampled to conduct the discrepancy tests.

4.2.2 Amount of samples:

3 test samples to be sampled for a same certification unit. Once needed, products of other models covered in the same unit shall be conducted the discrepancy tests. Samples for discrepancy test are consulted between the test organization and client, the amount of sampling will be defined. Generally, the amount of each sample for sampling to be discrepancy tested is no more than 2.

4.2.3 Test standards

GB 6675 National safety technical code for toys

GB 19865 Electric toys-Safety (Chapter 20 Radiation, toxicity and similar hazards excluded)

4.2.4 Test items

Product test items include all applicable items in standards GB 6675 National safety technical code for toys and GB 19865 Electric toys-Safety (Chapter 20 Radiation, toxicity and similar hazards excluded).

4.2.5 Sample rectification

If the type tests are not qualified, it shall be rectified within deadline. The longest time limit is no more than 3 months. If the rectification has been completed, the client shall resampling to the original test organization for retest. In case of rectification cannot be completed within specified time or the rectification results are unqualified, this certification will be terminated. The test organization will issue the test reports of the unqualified products, which shall be reported to the certification body, together with related information during the rectification, to conduct the certification termination disposal.

4.2.6 Disposal of the samples used for tests and the relevant documents

After type tests, the test products will be sealed at least 1 year by the test organization, other samples will be disposed as required by the client. Relevant data and sample pictures are saved in the test records, the traceability of the test samples shall be ensured.

The test organization is responsible for sending the test reports to the certification body in time.

4.3 Declaration of conformity

After passing the type tests, the enterprises (clients, manufacturers, factories) shall submit the declaration of conformity to the certification body, which demonstrates that the products for certification application satisfy the requirements of certification standards continuously, the quality assurance abilities of factory conform with the "Requirements of Quality Assurance Abilities of Factory for Toy Products Compulsory Certification" and relevant certification requirements.

Note: To facilitate the clients, the declaration of conformity for quality assurance abilities of certified products may be submitted at the time of submitting the application materials.

4.4 Evaluation of certification results and approval of certification

4.4.1 Evaluation of certification results and approval of certification

Certification body will make a comprehensive evaluation to the type test results, declaration of conformity and factory site inspection results (where applicable). With the approval of the certification body, the certification certificates will be granted to the clients based on the certification units in time.

4.4.2 Time limit for the certification

Generally, the certification certificates will be issued to the clients within 90 days as of the certification accepted. For those non-conforming to the certification requirements, the clients shall be notified in written, the reasons will be explained.

Note: The time for certification is calculated from the date when the commission of the certification is accepted to the date when the certificate is issued, including the time for sample test, factory inspection, evaluation and approval of the certification results, and the time for preparing the certificate.

The time for product tests will not exceed 15 working days, excluding the time for sample rectification, which is calculated from the date when samples are delivered to the test institution.

There are no more than 5 working days for providing the factory inspection report. It should be calculated from the date when the inspector finishes the inspection and receives the report for the corrective action for disqualified items which meets the requirements.

There will be not more than 5 working days for evaluating & approving the certification results and preparing the certificate.

4.5 Supervision after certification

The certification body will be responsible for organizing and implementing the supervision and inspection activities after certification, to supervise the sustainable validity for the certified organization certification results.

4.5.1 Scope of supervision and inspection

Supervision after certification includes the sampling, inspection of quality assurance abilities of factory, checking the consistency of the products and market tracing inspection, when necessary, for all certified products and those from the processing places. The certification body may conduct site inspection for ODM manufacturers.

4.5.2 Frequency of supervision and inspection

4.5.2.1 Generally speaking, the first factory supervision and inspection will be made within 6 months as of the first certificate granted. Afterwards, there will be one inspection and inspection every 6 months.

4.5.2.2 The certification body will make classification management for supervision to certified products and their producing enterprises based on the quality stability of certified products, good and bad records of the enterprises, etc. The classification management evaluation methods will be formulated, frequency of supervision will be increased/decreased appropriately according to the rating results.

1) There will be a decrease of frequency appropriately for the supervision when following situations occurs

When the certified products from the factories have no safety and quality problems in the 12 months; and as well there are no non-consistency problems or other serious ones during all the follow-up inspections; no disqualifications occurred in supervision and sampling tests. The frequency may be decreased, but at least one follow-up inspection shall be conducted every 12 months.

2) There will be an increase of the frequency for the inspection when any one of the following situation occurs.

a) Serious quality problems in the certificated products occurs, or the responsibilities of the certificate holder are confirmed after the consumer complains.

b) The certification body has enough reasons to question the consistency between the certificated products and the requirements of certified product standards.

3) There is enough information showing that the compliance and consistency of the certified products may be influenced by the changes in terms of the organization, the working condition as well as factory quality assurance system in the factory.

4.5.3 Time of supervision and inspection

Time of factory inspection is executed the "Accounting Sheet of Man-day for the Quality Assurance Abilities of Factory Inspection.

In case of full factor factory inspection, normally, the site inspection for the covered products in this rule will take 1 to 4 man-days for each factory. In case of partial factor factory inspection, it will take 1 to 3 man-days.

In case of upgrading/substantial change of the quality management documents of the enterprises, the man-day of document review may be increased appropriately, normally, the increased time of document review will not longer than 0.5 man-day.

The designated certification body may increase the man-day appropriately when performing the inspection for ODM manufacturers and factories, specific execute the "Supplementary Regulations with Relation to ODM Mode in China Compulsory Product Certification Implementation Rules for Compulsory Product Certification".

Under the circumstance of man-day is required to increase, in case of full factor inspection, normally, the total maximum man-day of supervision and inspection is 5 man-days; in case of partial factor inspection, normally, the maximum man-day is 3.5 man-days.

4.5.4 Content of the supervision and inspection

Inspection of the quality assurance abilities of the factory (including checking the consistency of product) + product sampling test.

The test results of sampling also can be considered as the result of the verification test for the same unit product from the factory.

4.5.4.1 Factory site supervision and inspection

1) Inspection of the quality assurance abilities of the factory



Inspection of the quality assurance abilities of the factory is implemented in accordance with the attachment “Requirements of Quality Assurance Abilities of Factory for toy Products Compulsory Certification”. Items 4,5,8 must be checked for every supervision and inspection, the other items and contents can be checked selectively as appropriate.

The supervision and inspection may also include the specified items by the certification body, which include closure of disqualified items from the last factory inspection, rectification of disqualified test products and implementation of the defect products called back by the government order and by the enterprises.

The inspection for ODM factories is executed relevant clauses in the “Supplementary Regulations with Relation to ODM Mode in China Compulsory Product Certification Implementation Rules for Compulsory Product Certification”.

Full factor inspection of the quality assurance abilities of the factory will be performed for initial factory inspection and the inspection performed once every 4 years.

2) Checking of the consistency of products

For the mass production certified products, the factory shall make sure they are consistent with the product qualified results covered in the product certification test reports in several aspects as follows:

Labels, instruction manuals of certified products and product name, specification, model and warnings indicated on the packings;

Structure of certified products;

Key raw/auxiliary materials, components of certified products.

3) Disposal of disqualified items

Disqualified items occurred in the factory inspection, the factory shall complete rectification within deadline. The longest time limit is no more than 3 months. The certification body will confirm the results in a suitable way. As for the products that could not be improved within the time limit or that are still disqualified after the improvements are made, the factory inspection for this certification is not passed. The inspection team will issue the disqualified reports, which will be reported to the certification body for disposal decision.

4.5.4.2 Product sampling test

Generally, the sampling activities will be implemented at the time of site supervision and inspection. The sampling may also be performed by the persons appointed by the certification body to the factory.

Note: the inspection reports of national and provincial sampling issued by designated test organizations may substitute for partial or all results of product sampling test for the unit in the sampling samples to be performed supervision and inspection. The enterprises submit relevant test reports to the certification body, the certification body shall make arrangement of reducing sampling or test items as appropriate.

1) Principles for product sampling

Sampling test is required for certified products of each class when executing the supervision after inspection.

Note: class refers to the product class specified in Clause 4.1.1 of this rule, which includes Electric toys, video toys, acousto-optic toys.

In case of not more than 7 certification certificates for each class, products covered by 1 certificate are tested for each supervision and inspection.

In case of not less than 7 certification certificates for each class, products covered by 2 certificates are tested for each supervision and inspection at least, maximum 25% of total amount of certification certificates for the same class products.

Generally, products of 1 model will be sampled for test for each certification certificate.

2) Methods for sampling

The samples should be selected at random from the qualified products or finished product warehouse confirmed from the factory from the end of production line. The sampling base should not be lower than 20 times of the amount of the sampling samples when sampling from the finished product warehouse.

The samples should be sealed by the sampling persons, the clients are responsible for mailing/sending the samples to the appointed organization for test.

3) Amount of samples, test standards and items are same as the regulations of 4.2.2, 4.2.3, 4.2.4.

4) Disposal of test results

After the supervision sampling test, the test organization is responsible for sending the test reports to the certification body. For the disqualified products found in the supervision sampling test, the disqualified test reports shall be issued immediately and sent to the certification body.

5) Disposal of the test samples and the relevant documents

Disposal of the supervision test samples and the relevant documents is executed the regulations of 4.2.6.

4.5.5 The evaluation and approval of the supervision results

After the evaluation by the certification body, the effectiveness of certification certificates can be retained, the certification marks can be used continuously for the satisfactory results.

For the unsatisfactory results evaluated by the certification body (including unqualified production sampling test, unqualified factory supervision and inspection, etc.), the certification body will dispose according to the requirements of the "Implementations Rules for Cancellation, Suspension, Withdrawal of Compulsory Product Certification Certificates".

4.5.6 Special supervision and management for certified enterprises

4.5.6.1 For the certified products proved by the national or provincial supervision sampling results, called back by the AQSIQ order, the certification body will dispose for relevant certified enterprises according to the regulation in 4.5.2.2 of this rule.

4.5.6.2 The certification body will check the products called back actively by the certified enterprises when performing the supervision and inspection.

5 Special regulations with relation to ODM mode certification

The ODM mode certification shall meet the requirements in the “Supplementary Regulations with Relation to ODM Mode in China Compulsory Product Certification Implementation Rules for Compulsory Product Certification” apart from observing various requirements in this rule.

6 Certification certificate

Use of certification certificate shall meet the requirements in the “Rules on Compulsory Product Certification Management”.

6.1 Validity of the certificate

The validity of the certificate depends on the management of supervision and inspection after inspection organized by the certification body. The validity of the certificate depends on qualified supervision and inspection. For the disqualified one, the certificate will be disposed according to the requirements in the “Implementations Rules for Cancellation, Suspension, Withdrawal of Compulsory Product Certification Certificates”.

6.1.1 The longest valid period of general certification certificates is 5 years. After expiry, the clients shall make application within 90 days ahead of the expiry date of certification certificates for extending to use.

6.1.2 The valid period of certification certificates obtained by ODM mode is that specified by the ODM agreement, the longest period cannot longer than 5 years.

6.2 Modifications of certification <http://china-ccc-certification.com/225.html>

For the certificate of the products covered by this rule, if any of the following changes occurs, an application or filing for the modifications should be submitted to the certification body.

1) Increase the certified products of the same unit

The certification certificates may apply for certification modification of increasing product models in the same unit within two years as of the issuing. Certificates of longer than two years must not apply for certification modification of increasing product models, which will be regarded as new unit application certification in general.

2) Change on the key parts/components, raw materials, structure, manufacturing process and suppliers of the certified products is controlled as rules as follows:

Different control will be conducted according to Class A or B defined by the classification requirements for 5) the list of key raw/auxiliary materials in Clause 4.1.2.

Modifications of Class A: the enterprises shall make applications to the certification body, the modified products may only be applied CCC marks and transported out of the factory to sell after passing the test or verification and approved by the certification body.

Modifications of Class B: the enterprises shall make effective controls at discretion, and report to the certification body for filing in time.

3) There is any change of the certificate holders manufacturer or factory (names and/or address, quality assurance system, etc.) of certified products, application shall be made to the certification body, CCC marks may be applied and they will be transported out of the factory to sell after approving.

4) Modifications of certified products produced by ODM mode shall be according to the “Supplementary Regulations with Relation to ODM Mode in China Compulsory Product Certification Implementation Rules for Compulsory Product Certification”.

5) Other changes that might influence the certification requirements.

The certification body should review and confirm the above changes and confirm the validity of the original certification results to the changes. If necessary, it should conduct the additional tests and/or inspections on the quality assurance system of the factory, and confirm that the original certificate remains in validity and/or re-issue a new certificate.

6.3 Enlarge of certification scope

According to the principle for certification unit classification specified in Clause 4.1.1 of this rule, the certificate holders will apply the certification as required in 4.1, 4.2, 4.3 of this rule for adding new certification unit on the basis of original certification unit.

6.4 Suspension (including restoration), cancellation and withdrawal of the certificate

6.4.1 The suspension (including restoration), cancellation and withdrawal of the certificate should be implemented in accordance with the "Implementations Rules for Cancellation, Suspension, Withdrawal of Compulsory Product Certification Certificates".

The suspension (including restoration), cancellation and withdrawal of the certificate of ODM mode is executed by the "Supplementary Regulations with Relation to ODM Mode in China Compulsory Product Certification Implementation Rules for Compulsory Product Certification".

6.4.2 The certification body shall make announcement to the public in time after cancelling, suspending (including restoring) and withdrawing the certification certificates, and report to the information center of CNCA and Quality and Technology Supervision Bureau of relevant provinces, autonomous regions and municipalities directly under the central government, as well as the certification regulation authorities of various directly subordinate inspection and quarantine bureau.

7 Regulations of use of the certification marks

The holder of the certificate should obey the regulations of the "Administration Rule for the Product Compulsory Certification Markings".

6.1 Mark design allowed to be used

6.2 Application and positions of mark

For certified products, the certification marks shall be applied at appropriate positions of the body or product nameplates. For those cannot be applied on the body, the certification marks shall be applied on the minimum packings.

Standard size marks printed uniformly printed by the state <http://www.china-ccc-certification.com/148.html> may be purchased from the issuance and management body of compulsory product certification mark approved by CNCA, or the products may be applied with printing, pressing and molding modes <http://china-ccc-certification.com/167.html>. For the latter, the mark printing patterns shall be reported to the issuance and management body of compulsory product certification mark approved by CNCA, the factory code for this product shall be indicated below the mark.

8 Charge

It is the Certificate Body that imposing the certification charge according to the relevant government regulations.

9 Relevant documents

1) No 117 order by AQSIQ "Rules on Compulsory Product Certification Management"

2) No 19 announcement by CNCA in 2008 "Announcement on Implementations Rules for Cancellation, Suspension, Withdrawal of Compulsory Product Certification Certificates Issued by CNCA"



3) No 30 announcement by CNCA in 2009 “Announcement on Issuing Supplementary Regulations with Relation to ODM Mode in China Compulsory Product Certification Implementation Rules for Compulsory Product Certification”.

Other documents which are relative to CCC certification for Electric toy Category Products

1.CCC Certification New Application Form:

Word file:<http://china-ccc-certification.com/UploadFiles/CCC-Product-Safety-Certification-Intent-Application.doc>

Pdf file:<http://china-ccc-certification.com/UploadFiles/Product-Safety-Certification-Intent-Application.pdf>

2.CCC Certification Re-application Form:

Word file:http://cccwto.com/UploadFiles/2011225164829_115.doc

3.CCC Certification Alternation Application Form:

Word file:<http://china-ccc-certification.com/UploadFiles/CCC-Alternation-Application-Form.doc>

Pdf file:<http://china-ccc-certification.com/UploadFiles/CCC-Alternation-Application-Form.pdf>

4.Purchase CCC Mark Application Form:

Word file:<http://china-ccc-certification.com/UploadFiles/Purchase-CCC-Mark-Purchase-CCC-Mark-Application-Form.doc>

Pdf file:<http://china-ccc-certification.com/UploadFiles/Purchase-CCC-Mark-Purchase-CCC-Mark-Application-Form.pdf>

5.Print Impress CCC Mark Application Form:

Word file:<http://china-ccc-certification.com/UploadFiles/Print-Impress-CCC-Mark-Print-Impress-CCC-Mark-Application-Form.doc>

Pdf file:<http://china-ccc-certification.com/UploadFiles/Print-Impress-CCC-Mark-Print-Impress-CCC-Mark-Application-Form.pdf>