

Operation Directions Governing the Inspection of Children's Bicycles

Adopted and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 15 August 2011.
Amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 28 March 2017.
Amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 4 March 2019.
Amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 2 February 2024.

1. These Directions were established by the Bureau of Standards, Metrology and Inspection (BSMI) for implementing the inspection of children's bicycles.
2. The inspection of children's bicycles shall be conducted by monitoring inspection or Registration of Product Certification [Type test (Module 2) + Declaration of Conformity to Type (Module 3)]. The two procedures are available for the applicants depending on their needs.
3. Requirements for monitoring inspection:
 - (1) The obligatory inspection applicant who chooses monitoring inspection may purchase the Commodity Inspection Mark stickers, each of which shows the alphabet "C" and a serial number, when making applications for inspection to the BSMI or its local office (hereinafter referred to as the inspection authority). The Commodity Inspection Mark stickers shall be affixed to the product in a conspicuous position near the logo on the top tube or the bottom tube of the bicycle frame.
 - (2) The obligatory inspection applicant shall itemize the products based on the type number or specification when applying for inspection of children's bicycles that are imported or manufactured domestically. The name, type number or specification, quantity, country of origin, and the serial numbers of the Commodity Inspection Mark stickers shall be registered in the BSMI information system.
 - (3) Where children's bicycles pass inspection for three consecutive batches, the subsequent batches shall be sampled for inspection at the possibility of 50% under the condition that they are of the same country, of the same production premise or brand and of the same C.C.C. Code. The batches not sampled shall be released after approval by document review. Where the subsequent ten consecutive batches pass inspection at the sampling rate of 50%, the sampling rate will be reduced to 20% for each application afterwards. The batches not sampled shall be released after approval by document review.
 - (4) For the sampled batches, one bicycle shall be drawn from the item of the greatest quantity in the inspection application (or randomly drawn from the items with the same quantity). The inspection period shall be seven working days after sampling. The sampled products shall be inspected for the following items:
 - a. Key inspection items: the requirements of "brakes," "chainguard," "stabilizers," "Chinese labeling" and "Chinese instructions" specified in CNS 14976 "Cycles-safety requirements for bicycles for young children." The parts of the handlebars and saddle shall be inspected to check the content for six phthalate plasticizers (DBP, BBP, DEHP, DNOP, DINP and DIDP) in accordance with Section 4.5.1 of CNS 15503 "General safety requirements for children's products."
 - b. Monitoring inspection items: In addition to the key inspection items, one inspection items shall be selected at random from "general requirements,"

“handlebar operation,” “frame/fork assembly,” “front fork,” “wheels,” “tires and tubes,” “pedals and pedal/crank assembly,” “saddle” and “drive system static load test” specified in CNS 14976 “Cycles-safety requirements for bicycles for young children.”

- (5) If the inspection results of the sampled batches show non-compliance, the simplified sampling method specified in Paragraph (3) shall not be applied unless the products in subsequent applications are inspected and found to be compliant with the regulations for three consecutive batches and the total quantity of products achieving three times of that of non-compliant batches.
- (6) A list of batches not drawn for inspection will be generated by the information system. These batches will be released if their Commodity Inspection Mark and the Chinese label specimen comply with relevant requirements after inspection by the inspection authority. Products may be sampled for testing if necessary.
- (7) Products that do not comply with the requirements shall be returned or destroyed in accordance with the Regulations Governing Disposition of Commodities Failing Inspection and the Procedure for Returning and Destroying Commodities. The followings shall apply to applications for re-inspection.
 - a. The obligatory inspection applicant shall return, destroy non-compliant items of products or take corrective actions (for examples, replacing certain parts, destroying non-compliant parts or modifying Chinese label, as the case may be) under supervision. For items of products not sampled or corrective actions taken under supervision, the obligatory inspection applicant shall apply to the BSMI for approval, by submitting the completed re-inspection application form, the notice of non-compliance and import declaration (not required if the product is made domestically). After the application is approved by the BSMI, the obligatory inspection applicant, the original inspection authority and the inspection unit commissioned by the BSMI will be informed in writing of the approval. The obligatory inspection applicant shall apply to the original inspection authority for re-inspection by submitting the notice of non-compliance, the records of destroying products or corrective actions taken under supervision (not required if the product is returned), and the letter of approval.
 - b. For products covered by the application for re-inspection, one bicycle each shall be sampled from the items of the largest and second largest quantity of bicycles. Items that are previously determined to be non-compliant and included in the application for re-inspection after corrective actions have been taken shall be sampled for inspection. In addition, one bicycle shall be sampled from the item of the second largest quantity for re-inspection. Products that pass inspection after re-inspection may be released immediately under the condition that they are separated from the items of non-compliance.
- (8) Where non-compliance is found in children’s bicycles that are purchased from the market or sampled for inspection after they pass inspection, the procedure of batch by batch inspection shall be applied to subsequent batches of products. The simplified sampling method mentioned in paragraph (3) of this Clause shall be resumed after compliance of three consecutive batches. The obligatory inspection applicant shall withdraw or take corrective actions on all children’s bicycles that are of the same type and specification as the non-compliant products within a given period of time.

4. Requirements for registration of product certification:
 - (1) Principles of type test:
 - a. Same type: children's bicycles of the same brand.
 - b. Main type: Among products of the same type, the one with the most complicated functions (such as stabilizers, gearshift function, shock-absorbing device, quickly detachable device, etc.) and the largest wheels shall be regarded as the main type.
 - c. Series of type: Among products of the same type, those other than the main type shall be regarded as series of type.
 - (2) The obligatory inspection applicant applying for type test shall submit three copies of the following documents as well as the samples to BSMI designated testing laboratories for performing the test:
 - a. Type Classification Form of Children's Bicycles for Registration of Product Certification.
 - b. Catalogues of children's bicycles (including type number, appearance and structure).
 - c. Color photos of children's bicycles (4x6 inch or larger-sized photos showing the front, rear, top and side views of the product, indicating the actual size of the products).
 - d. Assembly diagram and a list of the parts and components of the product (including specifications, size, materials, etc.).
 - e. Instructions in Chinese (in accordance with the requirements stated in CNS 14976).
 - f. Samples of Chinese labels.
 - g. Samples: At least one sample for each main type and series of type. However, the designated testing laboratories may request additional test samples for confirmation if necessary.
 - (3) Inspection items:
 - a. Main type: "general requirements," "brakes," "handlebar operation," "frame/fork assembly," "front fork," "wheels," "tires and tubes," "pedals and pedal/crank assembly," "saddle," "drive system static load test," "chain guard," "stabilizers," "Chinese labeling" and "instructions in Chinese" stated in CNS 14976 "Cycles-safety requirements for bicycles for young children." The handlebars and saddle shall be tested for the content of six kinds of phthalate plasticizers (DBP, BBP, DEHP, DNOP, DINP and DIDP) in accordance with Section 4.5.1 of CNS 15503 "General safety requirements for children's products."
 - b. Series of type: "general requirements," "brakes," "frame/fork assembly," "handlebar operation," "chainguard," "stabilizers," "Chinese labeling" and "Instructions in Chinese" stated in CNS 14976 "Cycles-safety requirements for bicycles for young children." If the product in series of type has any part having the same structure as that of the main type or another series of type, that part can be exempt from testing, provided that the applicant has submitted

appropriate supporting documents.

- c. If changes are made to products of the main type or series of type, safety tests shall be conducted only for the changed components where it is deemed necessary to ensure their safety.
- (4) Type test fee: The fees shall be collected in accordance with the fee schedule specified by the designated testing laboratories..
 - (5) Period of type test: 14 working days after receipt of the samples.
 - (6) The applicant for the registration of product certification shall prepare the following documents and apply to the inspection authority for a certificate.
 - a. Basic documents: those specified Clause 2.3.1 of the Application Procedure for Registration of Product Certification Procedure.
 - b. Conformity assessment documents: type test reports issued by BSMI-designated testing laboratories (covering items stated in paragraphs (2)a to (2)e (including the electronic files) and the Declaration of Conformity to Type.
 - c. Review period: 7 working days (excluding the period of time when the application is pending due to the need for supplementary documents) and another 14 working days if a test of the samples is requested.
 - (7) The obligatory inspection applicant who has completed the registration of product certification shall print the Commodity Inspection Mark, which is comprised of the alphabet "R" and the designated code (which will be given by the BSMI when the certificate is issued). The Commodity Inspection Mark shall be placed in a conspicuous position near the trademark on the top or bottom tube of the bicycle frame.

Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs

Application Form for Re-inspection

Obligatory inspection applicant: _____ Date of application: _____

Application number: _____ Quantity of products: _____

Product name/specification/type number: _____

Country of origin: _____ Original inspection authority: _____

Import declaration number: _____

Category of re-inspection: Return of non-compliant products
 Destruction of non-compliant products
 Corrective actions taken to non-compliant products

Reasons of non-compliance: _____ was/were inspected and found to be incompliant with CNS _____.

Corrective Actions: _____

We hereby apply for re-inspection of the products described in this form.

To: Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs

Applicant company: _____ (Signature/Seal)

Person in charge: _____ (Signature/Seal)

Address: _____

Tel.: _____

Preferred way of receiving response: By mail Pick-up in person; Contact Tel.: _____

Date: (yyyy)/(mm)/(dd)

Commodity Destruction / Supervised Improvement Records

Company name:		
Company address / Tel. / Fax:		
Inspection case no./ Document no.:		
Commodity name:		
Specification / Type number:		
Quantity of imported / manufactured commodities:		
Quantity of destroyed / improved commodities:		
Date of destruction / improvement		
Place of destruction / improvement:		
Reason for unconformity:		
How to process the commodity inspection mark:		
Measures of on-site destruction / supervised improvement and the execution of the measures:	Waste shall be treated in compliance with appropriate regulations provided by the Ministry of Environment.	
Information of the features of the commodity: Color photos (4"x6") before / after the destruction or supervised improvement and a brief description of the situation:		

Signature of the company representative:	
Signature of the staff and the inspection authority supervising the destruction or improvement:	<input type="checkbox"/> Either destruction or supervised improvement has been completed. Re-inspection is therefore approved. <input type="checkbox"/> Neither destruction nor supervised improvement has been completed. The re-inspection application shall be filed after amendment.

Commodity Types Classification Form for the Registration of Product Certification

【Applicable to Children's Bicycles】

Applicant: _____ Date of Application: _____

Tel.: _____ Fax: _____

The commodity is described as follows:

I. C.C.C. Code: _____

II. Chinese name: _____

III. English name: _____

IV. Applicable national standards: _____

V. Commodity brand and country: _____

VI. Unit applying for the type test: _____

VII. Type classification (※The children's bicycle that has the most complicated functions and the largest wheels is selected as the main type among children's bicycles of the same type. Others are series of the type.)

1. Main type

Main type	Commodity type/Type number	Functional structure/Material	Size of wheel	Color

2. Series of the type

Series of the type Item No.	Commodity type/Type number	Functional structure/Material	Size of wheel	Color
1				
2				
3				
4				
5				
6				
7				

VIII. Checklist of technical documents necessary for the application for the type test report (Please submit 3 copies of each of the following documents.)

1. Commodity Types Classification Form for the Registration of Product Certification
2. Category of children's bicycles (including type number, appearance and structure)
3. Color photos of children's bicycles (indicating actual size of the children's bicycle; please submit 4" x 6" photos of the bicycle taken from the front, back, left, right and top.)
4. Commodity assembling drawing and a list of the parts and components of the commodity (including specifications, size, materials, etc.)
5. Chinese instructions (in compliance with CNS 14976)
6. Specimen of the Chinese declaration label
7. Samples (※For each main type of children's bicycle and each series of the type, at least one bicycle from each shall be provided as samples.)

First inspection unit (the unit accepting the type test)		Unit filling in the form
First inspection result (including type approval and the type test report):		Applicant:
Head of laboratory	Handler	Applicant's signature / seal

符合型式聲明書

Declaration of Conformity

本申請人切結保證經貴局審查核可符合登錄模式之驗證登錄商品，登錄之生產廠場確實為生產登錄商品之工廠，並經生產廠場同意登錄，且生產廠場所製造之產品與型式試驗報告之原型式一致。商品資料如下：The applicant hereby declares and guarantees that for the commodities reviewed and approved by the BSMI and registered herein, the registered production premises are the actual factories manufacturing the registered commodities which are in conformity with those in the report of Type Test Module. The commodity information is as follows:

一、商品名稱：

Product Name:

二、型式：

Type

三、系列型式：本證書申請之所有系列型式

Serial Type: Please list all serial types submitted for application of the certificate.

倘因違反本聲明書所保證之內容，本申請人願意擔負起所有相關法律責任。The applicant bears all the relevant legal liabilities should there is any violation or breach of the declaration or guarantee made in the contents of this Declaration of Conformity.

此致

經濟部標準檢驗局

To: Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs

申請人：

(簽章)

Applicant:

(Signature)

負責人：

(簽章)

Person in charge:

(Signature)

中華民國

年

月

日

Date

(year)

(month)

(day)