Content

Title：	Directions Governing the Inspection of tyre commodity Ch
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Legislative：	1.Adopted and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs, on 24 January 2011 2.Amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 3 April 2012 3.Amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 13 October 2014 4.Amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 2 November 2018
Content：	1.These Directions are instituted as to handle affairs relating to the inspection of tyres. 2.The commodities of tyres covered：automobile and motorcycle tyres, not including race tyres. 3.The inspection of tyres commodities adopts the monitoring inspection or registration of product certification【Type-Test Module (Module II) and Full Quality Management System Module (Module IV) or Production Quality Management Module (Module V) or Factory Inspection Module (Module VII)】. 4.Inspection standards and items of the monitoring inspection : (1)Automobile tyres shall be inspected according to CNS 1431. The inspection items are as follows: a.Non- run flat tyre or Non-self-supporting tyre：dimension, appearance, the label stipulated in the inspection standards; at least inspect one out of“high speed performance”, “endurance” , “bead unseating resistance” and “tyre strength” . b.Run flat tyre or self-supporting tyre：dimension, appearance, the label stipulated in the inspection standards; at least inspect one out of“high speed performance”, “endurance” , “bead unseating resistance” , “tyre strength” and “flat tyre running mode test”. (2)Inspect the motorcycle tyres according to CNS 4879. The inspection items are dimension, appearance, and the label stipulated in the inspection standards ； at least inspect one out of“high speed performance”, “endurance ”, “centrifugal growth performance” and “tyre strength”. (3)Inspect the commodity name and the name and address of the obligatory inspection applicant pursuant to Article 11 of the Commodity Inspection Act. (4)Inspect the commodity inspection mark pursuant to Article 12 of the Commodity Inspection Act. 5.The inspection way of the monitoring inspection： (1)The obligatory inspection applicant shall apply to the BSMI or its branch (hereinafter referred to as the inspection authority) for inspection by submitting an Inspection Application Form before the commodities are imported or domestically manufactured commodities are shipped out of the production premises and shall subscribe to the “C” pattern commodity inspection mark printed by

the BSMI. The Inspection Application Form shall be filled in and the brand, place of origin and specifications individually listed for all the commodities in the same batch in the inspection application; run flat tyre or self-supporting tyre shall be described as such in the commodity name column in the Inspection Application Form. If the obligatory inspection applicant fails to fill in and list the information as prescribed above, the inspection authority will reject its application for inspection.

(2)The batches of inspected items refer to the items submitted by the same obligatory applicant and the C.C.C. Code.

(3)Once the commodities have passed batch-by-batch examinations for three successive times, the commodities can be further inspected through random-selected batch inspections of twenty percent per batches; once the inspection is passed without defects for twenty batches, the inspection can be conducted through random-selected batch inspections of ten percent per batches.

(4)For a commodity in a batch-by-batch examinations or selected batch of random-selected batch inspection, if its quantity is less than five it is being provided for relevant government authorities for use and with proof papers, it has the sampling inspection certificate of the same specifications within one year, and it has the consent of the BSMI per examination, then it may be inspected on its dimensions, appearance, the label stipulated in the inspection standards, and matters prescribed in Paragraph（C）and Paragraph（D）of the preceding article.

(5)For a commodity in a batch-by-batch examination or selected batch of random-selected batch inspection other than those prescribed in the preceding paragraph, a sampling inspection shall be conducted according to the following principles, and the inspection items in Article IV shall be performed.

a.Same application with the same brand：randomly inspect one items out of every ten items, two out
of every eleven to twenty items, and three for over twenty-one items.

b.Same application with more than two brands：randomly inspect one items of each brand; an additional item should be inspected when two brands with over eleven items.

c.The selected items should be determined by the number of commodity with the largest quantity. There should be two samples for each inspection; one for the applicant and the other one for the inspection.

(6)For a commodity not selected batch of random-selected batch inspection, its appearance, the label stipulated in the inspection standards, and matters prescribed in Paragraph （C） and Paragraph （D） in the preceding article shall be inspected through random selective inspection at the probability of fifty percent per batch. A document examination shall also be prepared for the commodity batch not selected. For the selected commodity batch, the principle and quantity of inspection thereof are as follows:

a.Inspection Principle：random inspections of one out of every ten items, two out of every eleven to twenty items, and three for over twenty-one items.

b.Inspection Number：randomly inspect one of every inspected item.

(7)The commodities that fail inspection shall comply with the following regulations：

a.The obligatory applicant should have the commodities with the C.C.C. Code inspected batch-by-batch
in accordance to the paragraph（C）.

b.The three consecutive batches of the C.C.C. Code, the brand and the origin corresponding to the fail inspection commodities should be inspected batch by batch.

c.In the case of application for inspection again due to previously being disqualified in inspection, the sampling items shall be doubled according to subparagraph 1 or subparagraph 2 of paragraph（E）;

the tyre commodity previously disqualified in inspection must be selected for inspection when applying
for inspection again after making improvements.
(8)Inspection time: ten days after sampling.

6.Principles of type test and registration of product certification：
(1)Identification of type and series of type for Automobile Tyres：
a.Tyres of the same manufactory and C.C.C. Code can be considered as the same type.
b.Take one of the aspect ratios among the same radial ply tyres as the main type, and others as series
types; each nominal dimension（including speed and load）should be reported.
c.Take one of the rim diameters of the same bias ply tyres of ultra light trucks, light truck, and trucks bus as the main type and others as series type; each nominal dimension（including the amount of ply or load） should be reported.
d.Passenger car and temporary use spare bias ply tyre for passenger car should comply with the regulations regarding radial ply tyre.
(2)Identification of type and series of type for Motorcycle Tyres：
a.Tyres of the same structure and manufactory can be seen as the sametype.
b.Take one of the aspect ratios or rim diameters as the main type, and others as series types; each nominal dimension（including speed and load）should be reported.
(3)Sampling for type test：
a.The main type and each series types shall be chosen each one kind of rim-diameter and conducted on all test items.
b.The type test sample shall be chosen the one with the maximum speed, load or dimension.
c.If a CNS Mark test report is issued, the main type and each series types are allowed to be chosen each one kind of types conducted on all test items.
(4)Technical documents for a type test application：
a.Structure diagram(including appearance and internal).
b.Component and material list.
c.Color photographs (3”X5” or larger) of each nominal dimension commodity (including load and speed).
d.Manufacture process overview.
(5)Content of type test：
a.Automobile tyre：all test items according to CNS 1431.
b.Motorcycle tyre：all test items according to CNS 4879.
(6)The type test of CNS Mark tyre shall apply for onsite factory inspection.
(7)The CNS Mark test report with the issue date that is within one year before the registration and the test specification is the same as type test can cover for the type test report.However, the CNS Mark test report can supersede the type test report of one main type or a series type only.
(8)Any amendment for the scope of product certification shall be reported to the inspection authority for an amendment and for a certification replacement in accordance to the following principles;
a.Any additional series type that has a higher speed, a heavier load or a bigger size than the sampling type should undergo type test.
b.The type test other than the prescribed type should be listed and undergo certification scope amendment.

7.Other matters not covered herein shall be handled pursuant to relevant provisions.