Content

Title：	Directions Governing Test Reports for Vulcanized Rubber Tubes Ch
Date：	2024.01.25
Legislative：	1.Adopted and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 9 June 2005. 2.Amended by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 25 January 2024.
Content：	1.These Directions are stipulated by the Bureau of Standards, Metrology and Inspection (hereinafter referred to as the BSMI) for the preparation of test reports for vulcanized rubber tubes to be used as part of the technical documents under the declaration of conformity scheme. 2.Type and series of type mentioned in the test report are defined as follows: (1) Type: vulcanized rubber tubes with the same classification, purpose, structure and main materials are regarded as the same type; the main type being the one with the smallest nominal diameter. (2) Series of type: vulcanized rubber tubes under the same type with nominal diameters other than the main type. 3. In order to prepare the test reports for vulcanized rubber tubes under the declaration of conformity, the applicant should provide the type classification form and samples (10 pieces for each type, and each piece being at least 150 cm) to the BSMI for conducting the test. 4.The test of the main type should be conducted on the one with the smallest nominal diameter. The test of series of the type should be conducted on the one with the greatest nominal diameter. 5.Where the registration scope as listed in the test reports is changed, the applicant shall apply to the BSMI for amendment to the content of test reports. If the added scope covers vulcanized rubber tubes of the same type with nominal diameters smaller than the main type, all test items shall be conducted. 6.Test items for the main type and series of type are given as follows: (1) Where CNS 9620:2011 “Tubing (Extruded Rubber Tubing)” is applicable, a. the main type (test items): appearance, dimensions, construction and material, tension test, hardness, tension set test, ageing test, pressure test, low temperature bending test, flame test, ozone degradation test, hydraulic test, thermal endurance test, detergent-resistance test, high temperature edible oil resistance test, edible oil resistance test, edible vinegar resistance test, liquid soap resistance test and marking. b. Series of type (key test items): appearance, dimensions and pressure test. (2) Where CNS 9621:1994 “Liquefied Petroleum Gas Hose” is applicable, a. the main type (test items): appearance, dimensions, construction, tensile test of rubber layer (tensile strength and elongation), pressure test, low temperature test, ozone degradation test, ageing test, immersion test and marking. b. Series of type (key test items): appearance, dimensions and pressure test.