

Directions Governing Type Approval of Wall-Mounted Ceramic Washbasins

11 Clauses adopted and promulgated in full by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 14 October 2002.

12 Clauses amended and promulgated in full by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 23 December 2002.

Clauses 3, 8, and 9 amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 25 October 2005.

Clauses 2, 4, and 5 amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 14 February 2007.

Clauses 3 and 8 amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 29 April 2014.

Clauses 9 amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 23 January 2017.

Clauses 1, 3, 6, 7, 9 amended and promulgated by the Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs on 30 January 2024.

1. These Directions are stipulated by the Bureau of Standards, Metrology and Inspection (hereinafter referred to as the BSMI) for the conduction of the type-approved batch-by-batch inspection (hereinafter referred to as the type approval) of wall-mounted ceramic washbasins (hereinafter referred to as the ceramic washbasins).

2. The terms used by these Directions are defined as follows:

(1) Type: the basic design of installation (i.e. to install a ceramic washbasin by using an expansible bolt, iron rack, triangular rack, or hook) and the material of the ceramic washbasins under the same brand. The ceramic washbasins of the same type shall be of the same brand, the same material, and the same design of installation.

(2) Serial type: the ceramic washbasins with different depths within 5% dimension tolerances under the same type, in accordance with column B of Table 1 of CNS 3220-3 “Sanitary ceramic ware –Washbasin” . If the depth of a ceramic washbasin is beyond the range listed in the above mentioned Table 1, the manufacturer shall classify the washbasin in accordance with CNS 3220-3.

3. A type test applicant shall submit the following technical documents and samples for each type and each serial type to the BSMI, Hsinchu Branch of the BSMI or Kaohsiung Branch of the BSMI or a designated testing laboratory recognized by the BSMI for a type test application.

- (1) List of specifications (This should include dimensions and a profile map. For ceramic washbasins with different shapes under the same type, the profile maps of each shape shall be provided and the different dimensions shall be explained with a table.)
- (2) Color photographs (4X4 or larger) of finished products or a color catalog provided by the manufacturer
- (3) A general description of the production processes
- (4) Coding principle of product models
- (5) A specimen page of the Chinese marking and precautions of the product
- (6) An installation instruction manual and user guides
- (7) Samples: two samples for each type and each serial type

The Chinese marking and precautions of the product specified in Subparagraph (5) of the preceding paragraph shall be marked in accordance with the requirements set out in Section 8 and 9 of CNS 3220-3.

For the samples specified in Subparagraph (7), an applicant shall provide the washbasins with maximal horizontal dimensions within a depth range as the test samples.

4. The test items for the main type and the serial type of a type test are given as follows:

- (1) The main type (all items to be tested): appearance, dimensions, water absorption rate, quenching resistance, crazing resistance, load test, and product marking.
- (2) The serial type (key item to be tested): load test.

5. If a test report for CNS Mark is issued in accordance with the current version of CNS 3220-3, the type test report is allowed to be replaced by such test report.

6. The term of validity for a type approval certificate of the ceramic washbasins shall be in principle three years.

7. For ceramic washbasins subject to the type approval scheme, the obligatory inspection applicant shall apply to the BSMI or BSMI's branches that have

jurisdiction over the applicant (hereinafter referred to as the inspection authority) for the Commodity Inspection Mark and shall apply the Mark on the body of the commodity in accordance with the requirements set out in the Regulations Governing the Use of Commodity Inspection Mark.

8. The ceramic washbasins shall be marked in accordance with the requirements specified in Section 8 of CNS 3220-3. In addition, the relevant precautions specified in Section 9 of CNS 3220-3 shall also be applied on the body of the commodities.

9. Once a ceramic washbasin has been granted type approval, the inspection authority should sample products at a possibility rate of one fifth. If an applicant has filed inspection applications for twenty consecutive batches and all the washbasins were found satisfactory, then the possibility rate for sampling the batches may be changed to one tenth. During the test, only the key items shall be tested. Two kinds for each main type (if fewer than two kinds, take one) and two pieces for each kind shall be sampled as per the different main types. For the ones not sampled, a document review should be conducted, and an on-site examination of the Chinese marking and the Commodity Inspection Mark will be conducted while necessary.

10. If an obligatory inspection applicant completed the relevant product marking in accordance with the Commodity Inspection Act and these Directions before sampling for testing or a batch-by-batch examination, and ten consecutive batches of the same products were found satisfactory by the inspection authority, the commodities not sampled could be exempted from the examination of the Chinese marking and the Commodity Inspection Mark for simplifying inspection procedures.

11. For those commodities that did not pass testing or the batch-by-batch examination, the simplified inspection procedures on the preceding two Clauses may be resumed after three consecutive batches have been filed for inspection and all have passed testing with batch-by-batch sampling.

12. If an inspection authority has been reported or there are doubts about the consistency of conformity with the inspection standard of the commodity that has been filed for inspection, then the commodity maybe sampled for an all-item test.