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Indian Standard
VITREOUS SANITARY APPLIANCES (VITREOUS CHINA) — SPECIFICATION
PART 7 SPECIFIC REQUIREMENTS OF ACCESSORIES FOR SANITARY APPLIANCES
(Third Revision)

First Reprint OCTOBER 1997
(Incorporating Amendment No. 1)

UDC 696.14:666.596

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

April 1995

Price Group 4
AMENDMENT NO. 1 OCTOBER 1996
TO
IS 2556 (Part 7) : 1995 VITREOUS SANITARY APPLIANCES (VITREOUS CHINA) — SPECIFICATION
PART 7 SPECIFIC REQUIREMENTS OF ACCESSORIES FOR SANITARY APPLIANCES
(Third Revision)

(Please note the following changes:

‘IS 9140 : 1996 Methods of sampling of vitreous and fire clay sanitary appliances (second revision)’

(Page 1, clause 8, line 3) — Substitute ‘IS 9140 : 1996’ for ‘IS 9140 : 1995’.)

(CED 3) Reprography Unit, BIS, New Delhi, India
AMENDMENT NO. 2 DECEMBER 1998
TO
IS 2556 (Part 7) : 1995 VITREOUS SANITARY APPLIANCES (VITREOUS CHINA) — SPECIFICATION
PART 7 SPECIFIC REQUIREMENTS OF ACCESSORIES FOR SANITARY APPLIANCES
(Third Revision)

(Page 1, clause 4.2) — Insert a new clause 4.3 as follows:
'4.3 Except for functional dimensions, all other requirements as laid down in this standard shall be complied with.'

(Page 3, Fig. 2) — Insert a Note above Fig. 2 as follows:
'NOTE – Fluting at the bottom of the channel is permissible.'

(CED 3)
Substitute the following figure for the existing:
FOREWORD

This Indian Standard (Third Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Sanitary Appliances and Water Fittings Sectional Committee had been approved, by the Civil Engineering Division Council.

This standard was first published in 1961 and the first and second revision were issued in 1967 and 1973 respectively. In this third revision the accessories used with sanitary appliances namely footrests, shower rose, floor traps and traps for squatting pans, covered earlier under Parts 10, 11, 12 and 13 have been merged beside incorporating changes found necessary in the light of comments made by the users, improvements made by the Sanitaryware Industry.

The composition of the technical committee responsible for the formulation of this standard is given in Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:1960 ‘Rules for rounding off numerical values (revised)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.
Indian Standard
VITREOUS SANITARY APPLIANCES (VITREOUS CHINA) — SPECIFICATION
PART 7 SPECIFIC REQUIREMENTS OF ACCESSORIES FOR SANITARY APPLIANCES
(Third Revision)

1 SCOPE
This standard (Part 7) covers the requirements for dimensions and tolerances, construction, finish, tests and marking of following accessories, made of vitreous china:
- Half round channel
- Foot rest
- Traps for squatting pans
- Floor traps, and
- Shower rose.

2 REFERENCES
The Indian Standards mentioned below are the necessary adjuncts to this standard:

<table>
<thead>
<tr>
<th>IS No.</th>
<th>Title</th>
</tr>
</thead>
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<tr>
<td>2556</td>
<td>Specification for vitreous sanitary appliances: General requirements (third revision) (Part 1) : 1994</td>
</tr>
<tr>
<td>2556</td>
<td>Specific requirements of squatting pans (fourth revision) (Part 3) : 1994</td>
</tr>
<tr>
<td>9140</td>
<td>Methods of sampling of vitreous and fire clay sanitary appliances (second revision) : 1996</td>
</tr>
</tbody>
</table>

3 GENERAL REQUIREMENTS

4 DIMENSIONS
4.1 The accessories shall be of dimensions as shown in the respective figures, as follows:
- Half round channel
- Foot rest
- Traps for squatting pans
- Floor traps
- Shower rose

5 CONSTRUCTION
The accessories shall be of one piece construction.

6 FINISH
All the functional surfaces of the accessories, that is, those coming in contact with water shall be glazed uniform and smooth, in order to ensure an efficient function and use.

7 TESTS
7.1 Performance Test
The performance test is applicable only for shower rose (Fig. 5). The shower rose when fitted at a height of 2.100 mm from the floor under a minimum of 3 m head shall wet a circular area having 450 mm as its minimum diameter on the floor.

7.2 Flushing Test
The flushing test is applicable only for traps for squatting pans (Fig. 3). The flushing test shall be performed in accordance to the provisions stipulated in IS 2556 (Part 3) : 1994.

8 SAMPLING, PROGRESS INSPECTION AND LOT INSPECTION
The recommended method of sampling, process inspection and lot inspection shall be as given in IS 9140 : 1996

9 MARKING
9.1 Each piece of the accessories shall be
clearly and indelibly marked at a suitable place with the following:
   i) Name or trade-mark of the manufacturer;
   and
   ii) Batch/lot number.

9.2 BIS Certification Marking

9.2.1 The product may also be marked with the Standard Mark.

9.2.2 The use of Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 1986 and the Rules and Regulations made thereunder. Details of conditions under which a licence for the use of the Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

NOTE — Ovality is permissible within the variation allowed for the dimension.
All dimensions in millimetres.

FIG. 1 HALF ROUND CHANNEL
DESIGN OF THE FACE SHOULD BE SUCH AS TO MAKE IT NON-SLIPPERY BY PROVIDING CHEQUED OR FLUTE OR ANY OTHER DESIGN AND TO PERMIT EASY FLOW OF WATER TOWARDS THE PAN RIM OR BOWL OF SQUATTING PAN

All dimensions in millimetres.

FIG. 2 FOOT REST

NOTE — Ovality permissible within the variation allowed for the dimensions.

All dimensions in millimetres.

3A Traps for Long Pattern and Orissa Pattern Pans

FIG. 3 TRAPS FOR SQUATTING PANS — Contd
NOTE — Ovality permissible within the variation allowed for the dimensions.

All dimensions in millimetres.

**FIG. 3 TRAPS FOR SQUATTING PANS**

---

NOTE — Ovality permissible within the variation allowed for the dimensions for inlet and outlet diameters.

All dimensions in millimetres.

**FIG. 4 FLOOR TRAP**
All dimensions in millimetres.

FIG. 5 TYPICAL ILLUSTRATION OF VITREOUS SHOWER ROSE
ANNEX A

( Foreword )

COMMITTEE COMPOSITION

Sanitary Appliances and Water Fittings Sectional Committee, CED 3

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Institution of Public Health Engineers India, Calcutta

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Glass Fibre Division, Cest Ltd, Hyderabad

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Member Secretaries
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Director ( Civ Engg ), BIS

and

Shri R. S. Jumela
Joint Director ( Civ Engg ), BIS

( Continued on page 7 )
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Chief Engineer ( Sewerage )
Deputy Chief Engineer ( Alternate )
Dr. T. K. Dan
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Shri V. Gopal ( Alternate )
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This Indian Standard has been developed from Doc : No. CED 03 (5331).

Amendments Issued Since Publication

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Printed at New India Printing Press, Khurja, India