

Anslutningar för avlopp –
Del 3: Kvalitetskontroll

Waste fittings for sanitary appliances –
Part 3: Quality control

Europastandarden EN 274-3:2002 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 274-3:2002.

Standarden ersätter SS-EN 274, utg. 1, SS-EN 329, utg. 1 och SS-EN 411, utg. 1

The European Standard EN 274-3:2002 has the status of a Swedish Standard. This document contains the official English version of EN 274-3:2002.

This standard supersedes the Swedish Standards SS-EN 274, ed. 1, SS-EN 329, ed. 1 and SS-EN 411, ed. 1.

Dokumentet består av 10 sidor.

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EUROPEAN STANDARD

EN 274-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2002

ICS 91.140.70

Supersedes together with EN 274-1:2002 and EN 274-2:2002 the EN 274:1992, EN 329:1994 and EN 411:1995

English version

Waste fittings for sanitary appliances - Part 3: Quality control

Dispositifs de vidage des appareils sanitaires - Partie 3:
Contrôle de qualité

Ablaufgarnituren für Sanitärausstattungsgegenständen -
Teil 3: Güteüberwachung

This European Standard was approved by CEN on 20 January 2000.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EN 274-3:2002 (E)

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Foreword

This European Standard has been prepared by CEN/TC 165, "Wastewater engineering", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2002, and conflicting national standards shall be withdrawn at the latest by July 2002.

Together with Parts 1 and 2 of this standard this European Standard supersedes EN 274:1992, EN 239:1994 and EN 411:1995.

The other parts of the European Standard contain the necessary statements on requirements and testing of waste fittings.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this document: Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies the requirements for quality control for waste outlets, traps and overflows for kitchen sinks, shower trays, wash basins, bidets and baths which are connected to gravity drainage systems, whatever the purpose of the building, to ensure conformity of these products with EN 274-1.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 274-1, *Waste fittings for sanitary appliances - Part 1: Requirements.*

EN 274-2, *Waste fittings for sanitary appliances - Part 2: Test methods.*

3 Terms and definitions

For the purpose of this standard the terms and definitions given in EN 274-1 apply.

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4 Quality control

4.1 General

Products manufactured to EN 274-1 and EN 274-2 shall be subjected to a quality control procedure as follows:

- a) type testing;
- b) factory production control.

The control by a third party is recommended. If third party control is carried out this should be done in accordance with annex A.

4.2 Type testing

Complete drawings of the products are to be available. Three production specimens shall be tested in accordance with EN 274-2 and shall comply with all the relevant requirements of EN 274-1.

This procedure shall also apply if the design is amended structurally subsequently or if the material is changed. All subsequent amendments, whether structural or not shall have the approval of the certification body, if required.

4.3 Factory production control

The purpose of the factory production control is to constantly ensure that current production of waste fittings for sanitary appliances is in conformity with the technical requirements of EN 274-1.

Suitable staff and independence of quality control of production are indispensable prerequisites.

The facilities necessary for factory production control include the measuring and test equipment for the tests in accordance with EN 274-2.

The factory production control shall at least cover the specific items listed in Table 1.

The documentation shall include all steps of production from the incoming raw materials to the final product leaving the factory.

The factory production control should be organized in accordance with EN ISO 9001.

The manufacturer shall have at his disposal:

- an organisation scheme with defined responsibilities;
- skilled personnel;
- all the necessary production facilities;
- all the necessary testing facilities.

Furthermore, the manufacturer shall establish and maintain a quality plan in which process and final inspections are listed. Apart from the inspection aspect, the quality plan shall also contain the method and frequency of inspection and the documentation. Table 1 gives a model scheme of factory production control and lists a minimum of specific items to be covered. Finally, the manufacturer shall establish and maintain written procedures for:

- document control;
- control of non-conforming products, their storage, handling and marking;
- dealing with complaints from customers;
- calibration and control of measuring and testing equipment.