



BSI Standards Publication

Commercial dishwashing machines — Hygiene requirements and testing

National foreword

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The UK participation in its preparation was entrusted to Technical Committee MCE/3/5, Food industry machines.

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Gewerbliche Spülmaschinen - Hygieneanforderungen und Prüfung

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Contents

	Page
European foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements	10
4.1 Process requirements	10
4.1.1 General	10
4.1.2 Requirements for obtaining hygienic washing results	10
4.2 Technical requirements	12
4.2.1 Requirements relating to construction materials	12
4.2.2 Functional requirements	12
4.3 Requirements relating to the treating agents	13
5 Testing	13
5.1 General	13
5.2 Type and scope of tests	13
5.3 Test procedures	14
5.3.1 Type test	14
5.3.2 Post-installation test	17
5.4 Overview of the number of samples for microbiological testing and the associated record sheets	18
Annex A (normative) Testing of hygienic operation of dishwashing machines – type test and post-installation test	19
A.1 Load	19
A.1.1 Type testing	19
A.1.2 Post-installation testing	24
A.2 Microbiological test methods	25
A.2.1 Determination of microbial reduction by bioindicators	25
A.2.2 Aerobic colony count of wash ware surface	28
A.2.3 Determination of the aerobic colony count of the detergent solution	28
A.3 Reference detergent and rinse aid for the type test	29
A.3.1 General	29
A.3.2 Reference detergent	29
A.3.3 Reference rinse aid	30
A.4 Test report	30
A.4.1 Documentation	30
A.4.2 Data in the test report	30
Annex B (informative) Technical recommendations onsite	32
B.1 Functional requirements relating to the operation of dishwashing machines	32

B.1.1	General	32
B.1.2	Water quality	32
B.1.3	Temperature	33
B.1.4	Contact time	33
B.1.5	Requirements relating to the treating agents	34
B.2	Testing	35
B.2.1	General	35
B.2.2	Type of tests and scope of testing onsite	35
B.2.3	Daily inspection	36
B.2.4	Periodic inspection	36
B.2.5	Overview of the number of samples for microbiological testing and the associated record sheets	36
Annex C	(informative) Guideline for planning, organization of the dishwashing process, maintenance and servicing of dishwashing machines and also relating to wash ware	37
C.1	Planning of dishwashing machine facilities	37
C.2	Organization of the dishwashing process	38
C.2.1	Operating personnel	38
C.2.2	Receiving of used wash ware	38
C.2.3	Pre-cleaning and loading of dishwashing machines	38
C.2.4	Dishwashing machine programme cycle	38
C.2.5	Drying and preparation and storage of the wash ware for further use	39
C.3	Maintenance and servicing	39
C.3.1	Operational and functional safety	39
C.3.2	Operation logbook	39
C.3.3	Cleaning of dishwashing machine	39
C.4	Wash ware	40
C.4.1	General	40
C.4.2	Shape	40
C.4.3	Surface characteristics	40
C.4.4	Shape and surface of drinking glasses	40
Annex D	(informative) Examples record sheets	41
D.1	Evaluation of the determination of the surface aerobic colony count	41
D.2	Checking the aerobic microorganism count of the detergent solution	41
D.3	Results of inspection with bioindicators	42
Annex E	(informative) Alternative Test Method	45
Bibliography	46

European foreword

This document (EN 17735:2022) has been prepared by Technical Committee CEN/TC 429 “Food hygiene - Commercial warewashing machines - Hygiene requirements and testing”, 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 June 2023, and conflicting national standards shall be withdrawn at the latest by June 2023.

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1 Scope

This document specifies hygiene requirements for the operation of commercial dishwashing machines (hereinafter referred to as dishwashing machines) and the tests to be performed on these machines. It specifies requirements for reaching an appropriate hygienic status of articles treated in the dishwashing machines. This document also includes guidelines for the hygienic and proper operation, care and maintenance of dishwashing machines. Furthermore, methods for testing hygienic operation are defined.

This document applies to dishwashing machines used in a professional environment for cleaning wash ware that is used in contact with food, such as plates, crockery, glassware, cutlery, reusable boxes and similar articles.

Dishwashing machines are used in professional kitchens, e.g. in restaurants, canteens and hospitals and in businesses such as bakeries, butcher's shops, etc.

This document does not apply to domestic dishwashing machines, washer disinfectors for the treatment of medical devices and machines for industrial use.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 10088-3, *Stainless steels — Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes*

EN IEC 63136, *Electric dishwashers for commercial use — Test methods for measuring the performance (IEC 63136)*

EN ISO 18593, *Microbiology of the food chain — Horizontal methods for surface sampling (ISO 18593)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

wash ware

articles and utensils that come into contact with foodstuffs and re-usable crates/containers that are cleaned in a dishwashing machine

Note 1 to entry: Examples of wash ware are plates, crockery, cutlery, glasses, kitchen utensils, pots, containers, crates and trays made of materials such as porcelain, plastic, glass, stainless steel and silver as well as coated materials.

3.2

re-usable container

wash ware that is used to store and transport unpacked easily perishable foods used in a professional environment

Note 1 to entry: The container can be a crate.