

<b>STN</b>	<b>Elektrické umývačky riadu pre domácnosť Metódy merania funkčných vlastností Zmena A11</b>	<b>STN EN IEC 60436/A11</b>
		36 1060

Electric dishwashers for household use - Methods for measuring the performance

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/25

STN EN IEC 60436 z decembra 2025 sa bez tejto zmeny A11 môže používať do 30. 9. 2026.

Obsahuje: EN IEC 60436:2025/A11:2025

**141445**

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60436:2025/A11**

September 2025

ICS 97.040.40

English Version

**Electric dishwashers for household use - Methods for measuring  
the performance**

Lave-vaisselle électriques à usage domestique - Méthodes  
de mesure de l'aptitude à la fonction

Elektrische Geschirrspüler für den Hausgebrauch -  
Messverfahren für Gebrauchseigenschaften

This amendment A11 modifies the European Standard EN IEC 60436:2025; it was approved by CENELEC on 2025-07-30. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

## Contents

	Page
<b>European foreword .....</b>	<b>3</b>
<b>1 Modification to Clause 3, “Terms, definitions and symbols” .....</b>	<b>4</b>
<b>2 Modifications to Clause 5, “General conditions for measurements” .....</b>	<b>4</b>
<b>3 Modifications to Clause 6, “Combined cleaning and drying performance tests” .....</b>	<b>5</b>
<b>4 Modifications to Clause 7, “Combined cleaning and drying performance assessment” .....</b>	<b>5</b>
<b>5 Modifications to Clause 8, “Energy consumption, water consumption, programme time“ .....</b>	<b>6</b>
<b>6 Modifications to Clause 9, “Airborne acoustical noise” .....</b>	<b>7</b>
<b>7 Modification to Annex A, “Place settings and serving pieces” .....</b>	<b>7</b>
<b>8 Modification to Annex B, “Tableware specifications” and Annex D, “Pictures of soiled items” .....</b>	<b>7</b>
<b>9 Modification to Annex E, “Test additives” .....</b>	<b>7</b>
<b>10 Modification to Annex F, “Microwave oven” .....</b>	<b>7</b>
<b>11 Modifications to Annex K, “Additional aspects of energy consumption of dishwasher” .....</b>	<b>7</b>
<b>12 Modifications to Annex L, “Suppliers of test materials” .....</b>	<b>9</b>
<b>13 Modification to Annex P .....</b>	<b>12</b>
<b>14 Modification to Annex Q .....</b>	<b>12</b>
<b>15 Modification to Annex R .....</b>	<b>12</b>
<b>16 Modification to Annex T, “Instrumentation and accuracy” .....</b>	<b>12</b>
<b>17 Modification to Annex U .....</b>	<b>13</b>
<b>18 Modification to Annex V .....</b>	<b>13</b>
<b>19 Modification to Annex X .....</b>	<b>13</b>
<b>20 Modification to Annex Y .....</b>	<b>13</b>
<b>21 Addition of Annex ZA, “Normative references to international publications with their corresponding European publications” .....</b>	<b>13</b>
<b>22 Addition of Annex ZC, “Template for test report” and Annex ZD, “Uncertainty of measurement” .....</b>	<b>14</b>
<b>Annex ZC (informative) Template for test report .....</b>	<b>15</b>
<b>Annex ZD (informative) Uncertainty of measurement .....</b>	<b>18</b>

## European foreword

This document (EN IEC 60436:2025/A11:2025) has been prepared by CLC/TC 59X "Performance of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2026-09-30
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2026-09-30

This document modifies EN IEC 60436:2025.

EN IEC 60436:2025 includes the following significant technical changes with respect to EN 60436:2020:

- Implementation of a new reference machine, which better reflects modern dishwasher energy and water saving technologies. Its ability to function as a reference machine for the cleaning assessment was assessed in a Round Robin Test.
- Implementation of the new reference detergent type E, which better reflects market detergents formulations. It includes upgraded enzymes and a lower content of silicates to reduce the alkalinity which simplifies the worldwide transportation by avoiding dangerous goods labelling and therefore improves the usage all over the world.
- Implementation of an alignment factor for the cleaning performance assessment as proposed in a scientific study done by a university to align test results of the previous version to the new version of this standard with the new reference system described above.
- Introduction of alternatives for the oven pan and knives as the production of the current load items were stopped.
- Improvement of the control of the room temperature due to a temperature measurement inside the dishwasher prior to the start of the test programme.
- Update of the weight of different load items and the specified ranges to anneal the requirements in the standard to the actual weight of the items.
- New requirements for the loading and handling instructions for test institutes.
- Update of supplier information annex.
- Update of Annex ZC Test report template and ZD Uncertainty of measurement.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document is read in conjunction with EN IEC 60436:2025.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**