



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

UL INTERNATIONAL ITALIA SRL

VIA DELLA CIOCCA, 5
VARESE 21026, ITALY

Testing Laboratory TL-611

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date January 24, 2025



International Accreditation Service
Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

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| Electrical | |
|---------------|---|
| AS/NZS 2007.1 | Performance of household electrical appliances—Dishwashers Part 1: Methods for measuring performance, energy and water consumption |
| AS/NZS 2007.2 | Performance of household electrical appliances—Dishwashers Part 2: Energy efficiency labelling requirements |
| AS/NZS 2040.1 | Performance of household electrical appliances—Clothes washing machines – Part 1: Methods for measuring performance, energy and water consumption (excluded clause 2.10 and 2.13) |
| AS/NZS 2040.2 | Performance of household electrical appliances—Clothes washing machines – Part 2: Energy efficiency labelling requirements |
| AS/NZS 2442.1 | Performance of household electrical appliances - rotary clothes dryers - energy consumption and performance |
| AS/NZS 2442.2 | Performance of household electrical appliances - rotary clothes dryers - energy labelling requirements |
| AS/NZS 4474 | Performance of household electrical appliances - refrigerating appliances - energy labelling and minimum energy performance standard requirements |
| AS/NZS 6400 | Water efficient products—Rating and labelling; Sections 8. 9. 10 only |
| CSA C300-15 | Energy performance and capacity of household refrigerators, refrigerator-freezers, freezers, and wine chillers |
| CSA C300-18 | Energy performance and capacity of household refrigerators, refrigerator-freezers, freezers, and miscellaneous refrigeration products |
| CSA C358-03 | Energy consumption test methods for household electric ranges |
| CSA C657:15 | Energy performance standard for commercial refrigeration equipment |
| DIN 18873-1 | Methods for measuring of the energy use from equipment for commercial kitchens - Part 1: Convection steamers (except cl. 5.5, 9.3.1 and Annex A) |
| DIN 18873-4 | Methods for measuring of the energy use from equipment for commercial kitchens - Part 4: Convection ovens (except cl. 5.5) |

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| EN 16825 | Refrigerated storage cabinets and counters for professional use. Classification, requirements and test conditions |
| EN 16838:2019 | Refrigerated display scooping cabinets and pozzetto for gelato – Classification, requirements, performance and energy consumption testing |
| EN 16902:2016 | Commercial beverage coolers – Classification, requirements and test conditions |
| EN 50229:2007 | Electric clothes washer-dryers for household use. Methods of measuring the performance |
| EN 50229:2015 | Electric clothes washer-dryers for household use. Methods of measuring the performance |
| EN 50242-EN 60436:2016 | Electric dishwashers for household use. Methods for measuring the performance |
| EN 50564:2011 | Electrical and electronic household and office equipment – Measurement of low power consumption |
| EN 50643:2018 | Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment |
| EN 60350-1:2016 | Household electric cooking appliances – part 1: ranges, ovens, steam ovens and grills – methods for measuring performance (except clauses 7.5, 7.6, 8, 9, 11) |
| EN 60350-2:2013 +A11:2014 | Household electric cooking appliances – part 2: hobs – methods for measuring performance (except clauses 7.2, 7.3, 7.4, 7.5, 9) |
| EN 60350-2:2018+A1:2021 | Household electric cooking appliances – part 2: hobs – methods for measuring performance (except clauses 8, 9, 10, 11, 13) |
| EN 60436:2020+A11:2020+A12:2022 | Electric dishwashers for household use – methods for measuring the performance |
| EN 60456:2011+EC:2011 | Clothes washing machines for household use – methods for measuring the performance |
| EN 60456:2016 | Clothes washing machines for household use – methods for measuring the performance |
| EN 60456:2016+A11:2020+A12:2023 | Clothes washing machines for household use – methods for measuring the performance |
| EN 61121:2013+A11:2019 | Tumble dryers for household use – methods for measuring the performance |
| EN 62552:2013 | Household refrigerating appliances – characteristics and test methods |
| EN 62552-1:2020 | Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements |

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| EN 62552-2:2020 | Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements |
| EN 62552-3:2020 | Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume |
| EN IEC 62512:2020 +A11:2020 | Electric clothes washer-dryers for household use – methods for measuring the performance |
| EN ISO 22041: 2019/A1:2019 | Refrigerated storage cabinets and counters for professional use - Performance and energy consumption |
| EN ISO 23953-2:2015 | Refrigerated display cabinets – Part 2: Classification, requirements and test conditions |
| ES 3794 | Energy efficiency of household and similar electrical appliances - Measurement and calculation methods for energy consumption of refrigerators, refrigerator-freezers and freezers |
| ES 4100 | Energy efficiency of household and similar electrical appliances – Methods for measuring and calculation energy consumption of washing machines |
| ES 7820 | Energy Efficiency of Household and Similar Electrical Appliances – Methods for Measuring and Calculating Energy Consumption of Residential Dishwashers |
| IEC 60350-1:2011 | Household electric cooking appliances – part 1: ranges, ovens, steam ovens and grills – methods for measuring performance (except clauses 7.5, 7.6, 8, 9, 11) |
| IEC 60350-1:2016+AMD1:2021 | Household electric cooking appliances – part 1: ranges, ovens, steam ovens and grills – methods for measuring performance (except clauses 7.5, 7.6, 8, 9, 11) |
| IEC 60350-2:2011 | Household electric cooking appliances – part 2: hobs – methods for measuring performance (except clauses 7.2, 7.3, 7.4, 7.5, 9) |
| IEC 60350-2:2017+AMD1:2021 | Household electric cooking appliances – part 2: hobs – methods for measuring performance (except clauses 8, 9, 10, 11, 13) |
| IEC 60436:2015 +AMD1:2020 | Electric dishwashers for household use – methods for measuring the performance |
| IEC 60456:2010+AMD1:2022 | Clothes washing machines for household use – methods for measuring the performance |
| IEC 61121: 2002+AMD1:2005 | Tumble dryers for household use – methods for measuring the performance |
| IEC 61121:2012 | Tumble dryers for household use – methods for measuring the performance |
| IEC 62301:2011 | Household electrical appliances – Measurement of standby power |

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| IEC 62512:2012 | Electric clothes washer-dryers for household use – methods for measuring the performance |
| IEC 62552:2007 | Household refrigerating appliances – characteristics and test methods |
| IEC 62552-1:2015+AMD1:2020 | Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements |
| IEC 62552-2:2015+AMD1:2020 | Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements |
| IEC 62552-3:2015+AMD1:2020 | Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume |
| IEC 63136:2019+COR1:2021 | Electric dishwashers for commercial use - Test methods for measuring the performance |
| KS 2464-2 | Performance of household electrical appliances – Refrigeration appliances Part 2: Minimum energy performance standard requirements |
| KWS 1898 | Electrical Clothes Dryers - Energy performance requirements and labeling |
| KWS 1899 | Electrical Clothes Washing Machines - Energy and water performance requirements and labeling |
| KWS 1900 | Refrigerators, refrigerators - freezers and freezers - energy performance, testing and labeling requirements |
| SANS 1695:2016 | Clothes washing machines for household use – methods for measuring the performance |
| SANS 50229:2010 | Electric clothes washer-dryers for household use - Methods of measuring the performance |
| SANS 50242:2018 | Electric dishwashers for household use — Methods for measuring the performance |
| SANS 60350-1:2015 | Household electric cooking appliances - part 1: ranges, ovens, steam ovens and grills - methods for measuring performance (except clauses 7.5, 7.6, 8, 9, 11) |
| SANS 61121:2015 | Tumble dryers for household use - methods for measuring the performance |
| SANS 62552:2008 | Household refrigerating appliances - characteristics and test methods |
| SANS 62552-3:2024 | Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume |
| SASO 2883/2017 | Electrical Clothes Dryers - Energy Performance Requirements and Labelling |
| SASO 2885/2018 | Electrical Clothes Washing Machines - Energy and Water Performance Requirements and Labelling |

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| SASO 2892/2018 | Refrigerators, Refrigerator- Freezers and Freezers –Energy Performance, Testing and Labeling Requirements |
| SASO 3029/2023 | Electrical Dishwashers - Energy and Water performance requirements and labelling |
| Energy Star | |
| ENERGY STAR® program requirements product specification for consumer refrigeration products | Uniform test method for measuring the energy consumption of refrigerators, refrigerator-freezers, and miscellaneous refrigeration products 10 CFR 430, subpart B, appendix A Uniform test method for measuring the energy consumption of freezers 10 CFR 430, subpart B, appendix B |
| ENERGY STAR® Program Requirements for Commercial Refrigerators and Freezers | Uniform test method for the measurement of energy consumption of commercial refrigerators, freezers, and refrigerator-freezers 10 CFR Part 431, Subpart C, appendix A, B |
| ENERGY STAR® Program Requirements for Laboratory Grade Refrigerators and Freezers, and Ultra-Low Temperature Freezers | ENERGY STAR Test Method for Laboratory Grade Refrigerators, Freezers, and Ultra-Low Temperature Freezers |
| ENERGY STAR® program requirements for residential electric cooking products | Uniform test method for measuring the energy consumption of conventional cooking products 10 CFR 430, subpart B, appendix I1. |
| U.S. Department of Energy (DOE) energy conservation standards | Uniform test method for measuring the energy consumption of cooking products 10 CFR 430, subpart B, appendix I. |

