



CERTIFICATE OF ACCREDITATION

This is to attest that

UL INTERNATIONAL ITALIA SRL

VIA DELLA CIOCCA, 5 GAVIRATE
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 maintained on the IAS website (www.iasonline.org).

This certificate is valid up to June 1, 2022.



This accreditation certificate supersedes any IAS accreditation bearing an earlier effective date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See www.iasonline.org for current accreditation information, or contact IAS at 562-364-8201.



A handwritten signature in black ink, reading 'Raj Nathan', positioned above a horizontal line.

Raj Nathan
President



SCOPE OF ACCREDITATION

IAS Accreditation Number	TL-611
Company Name	UL International Italia Srl
Address	Via Della Ciocca, 5 Gavirate Varese 21026, Italy
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Effective Date of Scope	January 15, 2020
Accreditation Standard	ISO/IEC 17025:2017

Electrical

- AS/NZS 2007.1:2005 Performance of household electrical appliances—Dishwashers Part 1: Methods for measuring performance, energy and water consumption
- AS/NZS 2007.2:2005+A1:2012 Performance of household electrical appliances—Dishwashers Part 2: Energy efficiency labelling requirements
- AS/NZS 2040.1:2005+A1+A2+A3 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 2040.2:2005+A1 Performance of household electrical appliances—Clothes washing machines – Part 2: Energy efficiency labelling requirements
- AS/NZS 2442.1:1996 Performance of household electrical appliances - rotary clothes dryers - energy consumption and performance
- AS/NSZ 2442.1:1996+A1+A2+A3+A4 Performance of household electrical appliances - rotary clothes dryers - energy consumption and performance
- AS/NZS 2442.2:2000 Performance of household electrical appliances - rotary clothes dryers - energy labelling requirements
- AS/NZS 2442.2:2000+A1+A2 Performance of household electrical appliances - rotary clothes dryers - energy labelling requirements
- AS/NZS 4474.1:2007 Performance of household electrical appliances - refrigerating appliances - part 1: energy consumption and performance
- AS/NZS 4474.1:2007+A1+A2 Performance of household electrical appliances - refrigerating appliances - part 1: energy consumption and performance
- AS/NZS 4474.2:2009 Performance of household electrical appliances - refrigerating appliances - energy labelling and minimum energy performance standard requirements



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AS/NZS 4474.2:2009+A1+A2	Performance of household electrical appliances - refrigerating appliances - energy labelling and minimum energy performance standard requirements
AS/NZS 6400:2016	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 C358-03	Energy consumption test methods for household electric ranges
EN 16825:2016	Refrigerated storage cabinets and counters for professional use. 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 50242-60436:2008/A11:2012	Electric dishwashers for household use. Methods for measuring the performance
EN 50242-60436:2016	Electric dishwashers for household use. Methods for measuring the performance
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)
EN 60350-1:2013/A11:2014	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 60350-1:2016 IEC 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)
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)
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)



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IEC 60436:2015	Electric dishwashers for household use - methods for measuring the performance
IEC 60436:2004 + AMD1 + AMD2	Electric dishwashers for household use - methods for measuring the performance
IEC 60456:2010	Clothes washing machines 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
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
EN 61121:2013	Tumble dryers for household use - methods for measuring the performance
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
EN 62552:2013	Household refrigerating appliances - characteristics and test methods
IEC 62552-1:2015	Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements
IEC 62552-2:2015	Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements
IEC 62552-3:2015	Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume
KS 2464-1:2013	Performance of household electrical appliances – Refrigeration appliances Part 1: Energy consumption and performance
KS 2464-2:2013	Performance of household electrical appliances – Refrigeration appliances Part 2: Minimum energy performance standard requirements



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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 50242:2010	Electric dishwashers for household use – Methods for 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
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
SASO 2892/2018	Refrigerators, Refrigerator- Freezers and Freezers –Energy Performance, Testing and Labeling Requirements

Chemical

CLC/TS 50677:2019	Method for the determination of rinsing effectiveness by measurement of the surfactant content at textile materials
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Energy Star

Uniform test method for measuring the energy consumption of refrigerators, refrigerator-freezers, and miscellaneous refrigeration products 10 CFR 430, subpart B, appendix A. ENERGY STAR® program requirements product specification for residential refrigerators and freezers - eligibility criteria version 5.0

Uniform test method for measuring the energy consumption of freezers 10 CFR 430, subpart B, appendix B. ENERGY STAR® program requirements product specification for residential refrigerators and freezers - eligibility criteria version 5.0

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 Commercial Refrigerators and Freezers - Eligibility Criteria Version 4.0



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Uniform test method for measuring the energy consumption of cooking products 10 CFR 430, subpart B, appendix I.