



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

BUREAU VERITAS ADT (SHANGHAI) CORPORATION¹
Building 4, No. 518, Xin Zhuan Road
Cao Hejing Songjiang High-Tech Park, Shanghai, China
Ms. Scarlett Si (Authorized Representative) Phone: 86 21 6195 7000 ext. 1181
Email: Scarlett.Si@cn.bureauveritas.com
Mr. Sam Shen (Deputy Authorized Representative) Phone: 86 21 6195 7000 ext. 7093
Email: Sam.Shen@cn.bureauveritas.com

MECHANICAL

Valid to: August 31, 2019

Certificate Number: 2343.02

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with A2LA's EPA ENERGY STAR[®] Accreditation Program² requirements), accreditation is granted to the main laboratory location listed above, and the two satellite laboratories listed below, to perform the following tests on Industrial, Scientific, and Medical (ISM) Equipment; Information Technology Equipment (ITE), Medical Equipment, and Road Vehicles:

<u>Test Technology:</u>	<u>Test Method(s):</u>
Salt Spray <i>Salt Concentration: 5%</i> <i>PH Value: (6.5 to 7.2)</i> <i>Temperature: (30 to 50) °C</i>	IEC 60068-2-11; IEC 60068-2-52;
Dust	IEC 60068-2-68
Change of Temperature <i>(-75 to 150) °C</i>	IEC 60068-2-14
Dry Heat <i>(up to 200 °C)</i>	IEC 60068-2-2; IEC 60068-2-30
Damp Heat	IEC 60068-2-78
Test Fh: Vibration, Broadband Random and Guidance <i>(5 to 3,000) Hz</i>	IEC 60068-2-64
Test Ea and Guidance: Shock	IEC 60068-2-27
Test Fc: Vibration (Sinusoidal) <i>(5 to 3,000) Hz</i>	IEC 60068-2-6

Test Technology:

Test Method(s):

Waterproof

IEC 60068-2-18 (*Except Rc-2 Pressure Submersion*);
IEC 60529

Cold

IEC 60068-2-1

Composite Temperature/Humidity Cyclic
Test

IEC 60068-2-38

EPA ENERGY STAR Testing

Commercial Food Service Equipment

Ovens

Electric Full and Half Sizes

ASTM F1496;

ENERGY STAR Program Requirements for Commercial
Ovens

Fryers

Electric Only

ASTM F1361;

ENERGY STAR Program Requirements for Commercial
Fryers

Griddles

Electric Only

ASTM F1275 ASTM F605;

ENERGY STAR Program Requirements for Commercial
Griddles

Steam Cookers

Electric Only

ASTM F1484;

ENERGY STAR Program Requirements for Commercial
Steam Cookers

Water Coolers

*Cold only, Hot and Cold, and
Cook and Cold Units*

ENERGY STAR Program Requirements for Water
Coolers

* The laboratory location listed above is considered a satellite laboratory to the main laboratory at No.829, Xin Zhuan Road,Song Jiang District, Shanghai, China.

¹ This accreditation covers testing performed at the laboratory listed above, and the additional satellite laboratory listed below.



MECHANICAL

Test Technology:

Test Method(s):

Cold	IEC 60068-2-1:2007
Dry Heat	IEC 60068-2-2:2007
Damp heat, steady state	IEC 60068-2-78:2001
Damp heat, cyclic	IEC 60068-2-30:2005
Vibration	IEC 60068-2-6:1995; IEC 60068-2-64:1993
Shock	IEC 60068-2-27:1987
Salt Mist	IEC 60068-2-11:1981; IEC 60068-2-52:1996
Dust and Sand	IEC 60068-2-68:1994
Water	IEC 60068-2-18:2017
Compression and stacking test	ISO 12048:1994

BUREAU VERITAS ADT (SHANGHAI) CORPORATION
No. 99 Xingjian Road,
Cixi City, Zhejiang Province, China

Test Technology:

Test Method(s):

EPA ENERGY STAR Testing

Appliances

Residential Refrigerators	ENERGY STAR Program Requirements for Residential Refrigerators and Freezers; 10 CFR 430, Subpart B, Appendix A1
Residential Freezers	ENERGY STAR Program Requirements for Residential Refrigerators and Freezers; 10 CFR 430, Subpart B, Appendix B1
Water cooler	ENERGY STAR Program Requirements for Water Coolers ENERGY STAR Program Requirements for Water Coolers, Eligibility Criteria V1.3 4 ENERGY STAR Test Method for Water Coolers ENERGY STAR Test Method for Water Coolers, October 2010. 4

² A2LA provides accreditation to the U.S. EPA's [Conditions and Criteria for Recognition of Laboratories for the ENERGY STAR Program](#) by verifying an organization's compliance to A2LA document [R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program](#) and to the related test methods listed above. Accreditation by A2LA does not infer Recognition by the EPA for ENERGY STAR testing. Please verify this organization's recognition status by using the EPA's searchable database, located at http://www.energystar.gov/index.cfm?fuseaction=recognized_bodies_list.show_RCB_search_form





Accredited Laboratory

A2LA has accredited

BUREAU VERITAS ADT (SHANGHAI) CORPORATION

Shanghai, People's Republic of China

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 26th day of October 2017.

A handwritten signature in black ink, written over a horizontal line.

President & CEO
For the Accreditation Council
Certificate Number 2343.02
Valid to August 31, 2019

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.