



CERTIFICATE OF ACCREDITATION

This is to attest that

APPLIED RESEARCH LABORATORIES OF SOUTH FLORIDA LLC

5371 NORTHWEST 161ST STREET
MIAMI, FLORIDA 33014, U.S.A.

Product Certification Agency PCA-120

has met the requirements of the applicable provisions of AC370, *IAS Accreditation Criteria for Product Certification Agencies*, has demonstrated compliance with ISO/IEC Standard 17065:2012, *Conformity assessment - Requirements for bodies certifying products, process and services*. This third-party product certification agency is accredited to provide the services specified in the scope of accreditation.

Effective Date April 15, 2021



President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

APPLIED RESEARCH LABORATORIES OF SOUTH FLORIDA LLC

www.arl-test.com

Contact Name Joanne Hoefling

Contact Phone +1-305-624-4800

Accredited to ISO/IEC 17065:2012

Effective Date April 15, 2021

Products Category	Certification Scheme and Scheme Owner / Standard
Electrical: Household and Commercial Equipment	Applied Research Laboratories of South Florida, LLC- ARL Product Certification Scheme #LSc001
<ul style="list-style-type: none">• Air Conditioning Accessories• Appliances• Door/Frame Electrical Components• Duct Heaters• Electric Fans• Enclosures for Electrical Equipment• Heating and Cooling Equipment• Lights (Luminaires)• Lighting Fixtures (Fluorescent, High intensity, and Incandescent)• Lightning Protection Components• Low Voltage Lighting Systems• Power Outlets and Modules• Swimming Pool Equipment and Components• Transformers / Power Units• Wired Cabinets	ARL Product Certification Schemes #LSc001 through LSc016 ARL Operating Procedure: EN-011 Pre- and Post- Conformity Assessment Testing Procedures Scheme Type 3

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Industrial and Specialty Equipment	Applied Research Laboratories of South Florida, LLC - ARL Product Certification Scheme #LSc001
<ul style="list-style-type: none"> • Door, Drapery, Gate Louver, and Window Operators and Systems • Industrial Control Equipment • Information Technology (IT) Equipment • Medical Equipment • Transfer Switch Equipment 	ARL Product Certification Schemes # LSc001 and LSc017 through LSc021 ARL Operating Procedure: EN-011 Pre- and Post- Conformity Assessment Testing Procedures Scheme Type 3
Other Specialty Electrical Equipment	Applied Research Laboratories of South Florida, LLC- ARL Product Certification Scheme #LSc001
<ul style="list-style-type: none"> • Amusement and Gaming 	ARL Product Certification Schemes #LSc001 and #LSc0022 ARL Operating Procedure: EN-011 Pre- and Post- Conformity Assessment Testing Procedures Scheme Type 3
Energy Efficient Products: Heating and Cooling	EPA Energy Star® Program Applied Research Laboratories of South Florida, LLC- ARL Product Certification Scheme #ESSc001
<ul style="list-style-type: none"> • Air Source Heat Pumps • Central Air Conditioners • Geothermal Heat Pumps • Light Commercial HVAC • Residential Heat Pump Water Heaters (Electric Units Only) 	ARL Product Certification Schemes #ESSc001 through ESSc006 ARL Operating Procedure: EN-011 Pre- and Post- Conformity Assessment Testing Procedures Scheme Type 2
Other Products	Applied Research Laboratories of South Florida, LLC- ARL Product Certification Scheme #ESSc001
<ul style="list-style-type: none"> • Water Coolers 	ARL Product Certification Schemes #ESSc001 and ESSc007 ARL Operating Procedure: EN-011 Pre- and Post- Conformity Assessment Testing Procedures Scheme Type 2

Notes:

1. The product certification used most closely resembles a product certification scheme type as described in ISO/IEC 17067 (2013), Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes.
 - a. **Type 2:** The surveillance part of this scheme involves periodically taking samples of the product from the market and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements.

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While this scheme may identify the impact of the distribution channel on conformity, the resources it requires can be extensive. Also, when significant nonconformities are found, effective corrective measurements may be limited since the product has already been distributed to the market.

- b. **Type 3:** *The surveillance part of this scheme involves periodically taking samples of the product from the point of production and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements. The surveillance includes periodic assessment of the production process. This scheme does not provide any indication of the impact the distribution channel plays on conformity. When serious nonconformities are found, the opportunity may exist to resolve them before widespread market distribution occurs.*

