**SCOPE OF ACCREDITATION**

<table>
<thead>
<tr>
<th>IAS Accreditation Number:</th>
<th>PCA-120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name:</td>
<td>Applied Research Laboratories of South Florida LLC</td>
</tr>
<tr>
<td>Address:</td>
<td>5371 NW 161st St. Miami, FL 33014</td>
</tr>
</tbody>
</table>
| Contact Name:            | John Lewczak  
Director of Quality Assurance |
| Telephone:               | (305) 624-4800  
www.arl-test.com |
| Effective Date of Scope: | April 6, 2017 |

**ELECTRICAL PRODUCTS**

**HOUSEHOLD & COMMERCIAL EQUIPMENT**

- AIR CONDITIONING ACCESSORIES
- BOILERS
- COOLING EQUIPMENT
- DOOR/FRAME ELECTRICAL COMPONENTS
- DUCT HEATERS
- ELEVATOR DOOR COMPONENTS
- ENCLOSURES FOR ELECTRICAL EQUIPMENT
- ENERGY MANAGEMENT EQUIPMENT AND ACCESSORIES
- HEATING EQUIPMENT

**LIGHTS (LUMINAIRES)**

**LIGHTING FIXTURES (FLUORESCENT, HIGH INTENSITY, AND INCANDESCENT)**

**LIGHTNING PROTECTION**

**LOW VOLTAGE LIGHTING SYSTEMS PANEL BOARDS**

**POWER OUTLETS AND MODULES**

**SWIMMING POOL EQUIPMENT AND COMPONENTS**

**TEMPERATURE INDICATING AND REGULATION EQUIPMENT WIRED CABINETS**
SCENE OF ACCREDITATION

ELECTRICAL PRODUCTS* (continued)
INDUSTRIAL & SPECIALTY EQUIPMENT
  DRY CLEANING MACHINES (TYPE IV)
  INDUSTRIAL CONTROL EQUIPMENT
  DOOR, DRAPERY, GATE, LOUVER, AND WINDOW OPERATORS AND SYSTEMS
  INFORMATION TECHNOLOGY (IT) EQUIPMENT
  MEDICAL EQUIPMENT
  TRANSFER SWITCH EQUIPMENT

OTHER SPECIALTY ELECTRICAL
AMUSEMENT AND GAMING

*NOTE: Accreditation of Electrical Product Certification activities covers electrical safety.

Note: The product certification used most closely resembles product certification scheme type 3 as described in ISO/IEC 17067 (2013), Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes. Products requiring factory follow-up, surveillance or management systems audits are not covered under Scheme Type 1b. Contact the certification body for information on products in this category.

Scheme 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 fulfill 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.
SCOPE OF ACCREDITATION

ENERGY EFFICIENT PRODUCTS - ENERGY STAR PROGRAM APPLIANCES
   WATER COOLERS
   RESIDENTIAL HEAT PUMP WATER HEATERS

HVAC
   CENTRAL AIR CONDITIONERS AIR SOURCE HEAT PUMPS LIGHT COMMERCIAL HVAC ROOM AIR CONDITIONERS GEOTHERMAL HEAT PUMPS

Note: The product certification used most closely resembles a product certification scheme type 1b as described in ISO/IEC 17067 (2013), Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes.

Scheme Type 1B
This scheme type involves the certification of a whole batch of products, following selection and determination as specified in the scheme. The proportion to be tested, which can include testing of all the units in the batch (100% testing), would be based, for example, on the homogeneity of the items in the batch and the application of a sampling plan, where appropriate. If the outcome of the determination, review and decision is positive, all items in the batch may be described as certified and may have a mark of conformity affixed, if that is included in the scheme.