



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **ELECTRO-MECHANICAL INSTITUTE (HOUSING AND BUILDING NATIONAL RESEARCH CENTER)**

87 EL-TAHRIR STREET  
DOKKI, 1770, ARAB REPUBLIC OF EGYPT

**Testing Laboratory TL-1105**

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 March 5, 2024



A handwritten signature in black ink, reading 'Raj Nathan'.

**President**

Visit [www.iasonline.org](http://www.iasonline.org) for current accreditation information.

# SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | [www.iasonline.org](http://www.iasonline.org)

## ELECTRO-MECHANICAL INSTITUTE (HOUSING AND BUILDING NATIONAL RESEARCH CENTER)

**Contact Name** Sally Aladdin

**Contact Phone** +20 01065251505

*Accredited to ISO/IEC 17025:2017*

*Effective Date March 5, 2024*

BS 6004:2012+A1:2020	Electrical cables – PVC insulated and PVC sheathed cables for voltages up to and including 300/500 V, for electric power and lighting Cl. 15.4 Voltage withstand test Cl. 16.2 Insulation resistance test
ES 182-2:2011	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 2: Test methods Cl. 2.1 Electrical resistance of conductor Cl. 2.2 Voltage test carried out on completed cables Cl. 2.4 Insulation resistance
IEC 60227-1:1998	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 1: General requirements (applicable standard IEC 60227-2)
IEC 60227-2:1997	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 2: Test methods Cl. 2.1 Electrical resistance of conductor Cl. 2.2 Voltage test carried out on completed cables Cl. 2.4 Insulation resistance
IEC 60227-3:1997	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 3: Non-sheathed cables for fixed wiring requirements (applicable standard IEC 60227-2)