



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

THE TRINIDAD AND TOBAGO BUREAU OF STANDARDS
1-2 Century Drive, Trincity Industrial Estate
Macoya, TUNAPUNA, Trinidad and Tobago
Ms. Avian Alexander Phone: 001 868 662 8827

ELECTRICAL

Valid To: April 30, 2025

Certificate Number: 5800.04

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on electrical insulating gloves, electrical cables and general lighting lamps:

Test(s):

Test Method(s) ¹:

Electrical Products Laboratory

Insulating Rubber Gloves

Visual Inspection and Surface Damage

ASTM D120-22 Clause 9.1,
ASTM F496-20 Clause 6.4

AC-DC Proof Test / Volts, Current, Time
(2.5 ~ 40 kV, < 30 A, 180s)

ASTM D120-22 Clause 11.1, 18.4.2,
18.5.2

AC-DC Proof Re-test / Volts, Current, Time
(2.5 ~ 40 kV, < 30 A, 60s)

ASTM F496-20 Clause 7.1

Self-ballasted Compact Fluorescent Lamps for General Lighting
(Performance Requirements)

IEC 60969

Method of Measuring Lamp Characteristics

Annex A.1

Lamp Stabilization

Annex A.2

Electrical Measurement

Annex A.4

Photometric Measurement

Annex A.5

Luminous Flux

Annex D

Efficacy

Annex D

Power Factor (Displacement Factor)

Annex I

Lamp Power

Annex 1

Self-ballasted LED lamps for general lighting services with
supply voltages > 50 V (Performance Requirements)

IEC 62612

General Requirements

Annex A.1

Test Voltage

Annex A.2

Lamp Power

Clause 8.1

Power Factor (Displacement Factor)

Clause 8.2

Luminous Flux

Clause 9.1

Efficacy

Clause 9.3

Chromaticity Colour Temperature

Clause 10.1

Colour Rendering Index

Clause 10.2

Test(s):

Energy Efficient Lighting Products
Chromaticity Colour Temperature
Colour Rendering Index

Test Method(s) ¹:

CIE 015
CIE 13.3

¹ When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is expected to be using the current version within one year of the date of publication, per part C., Section 1 of A2LA R101 - General Requirements - Accreditation of ISO-IEC 17025 Laboratories.





Accredited Laboratory

A2LA has accredited

THE TRINIDAD AND TOBAGO BUREAU OF STANDARDS

Macoya, Tunapuna, Trinidad and Tobago

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 13th day of September 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5800.04
Valid to April 30, 2025

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