



SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

QUALITY STANDARD & LABORATORY  
QLSTANDARD, S.C.

Florencia No. 37, Int. 704

Col. Juárez, Alc. Cuauhtémoc

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PROFICIENCY TESTING PROVIDER

Valid To: September 30, 2024

Certificate Number: 4077.01

In recognition of the successful completion of the A2LA evaluation process, this Proficiency Testing Provider has been found to meet the ISO/IEC 17043:2010, “Conformity assessment – General Requirements for Proficiency Testing”. Accreditation is granted to this organization to provide proficiency testing samples in the following analyte/matrix combinations:

<u>Identification</u>	<u>PT Scheme</u>	<u>Measurand</u> <sup>(1)</sup>	<u>Test item</u>
QLS-EA001	Determination of diameter and cross-sectional area of the electrical conductors	Diameter and Area	Conducting wire
QLS-EA002	Protection against access to live parts	Qualitative test	Electronic device
QLS-EA004	Leakage current and dielectric resistance at operating temperature	Qualitative / Current	Electronic device
QLS-EA005	Leakage current and dielectric resistance	Qualitative / Current	Electronic device
QLS-EA006	Input Power and Current	Power and electric current	Electronic device

<b><u>Identification</u></b>	<b><u>PT Scheme</u></b>	<b><u>Measurand</u></b> <sup>(1)</sup>	<b><u>Test item</u></b>
QLS-EA007	Heating	Temperature	Electronic device
QLS-EA009	Energy efficiency and freezers and test temperature abatement or pull down	Energy consumption and Abatement time	Refrigerator
QLS-EA010	Energy efficiency of household electric washing machines	Energy consumption	Household electric washing machine
QLS-EA011	Dielectric rigidity (insulation requirements)	Qualitative test	Electronic device
QLS-EA012	Insulation resistance	Resistance	Electronic device
QLS-EA015	Determination of water content by Karl Fisher	Water content	Mineral dielectric oil
QLS-EA016	Overload protection of transformers and associated circuits	Temperature	Electronic device
QLS-EA017	Dimensions of the tire (minimum factor measurement)	Length	Tires

<b><u>Identification</u></b>	<b><u>PT Scheme</u></b>	<b><u>Measurand <sup>(1)</sup></u></b>	<b><u>Test item</u></b>
QLS-EA018	Behavior of the tire to the speed	Qualitative test	Tires
QLS-EA019	Behavior of the tire to the load	Qualitative test	Tires
QLS-EA020	Behavior of the tire to the load and the low inflation pressure	Qualitative test	Tires
QLS-EA021	Strength of edge to the dismantling of the wheel tubeless	Qualitative test	Tires
QLS-EA022	Resistance to penetration	Qualitative test	Tires
QLS-EA023	Resistance to removal of the wheel rim and temporary refraction radial tubeless diagonal for cars; Rim resistance to penetration	Qualitative test	Tires
QLS-EA031	Determination of the electrical resistance to DC	Electric resistance	Conducting wire

<b><u>Identification</u></b>	<b><u>PT Scheme</u></b>	<b><u>Measurand <sup>(1)</sup></u></b>	<b><u>Test item</u></b>
QLS-EA033	Determination of cross-sectional area of electrical conductors in function of its mass	Weight and Area	Conducting wire
QLS-EA034	Determination of energy efficiency, electrical characteristics power factor of a lamp	Power factor and luminous efficacy	Lamp (lighting)
QLS-EA041	Temperature rise test	Temperature	Electronic device

<sup>1</sup>Assigned values and associated uncertainty (if applicable) determined by a reference laboratory.



# *Accredited Proficiency Testing Provider*

A2LA has accredited

## **QUALITY STANDARD & LABORATORY** **QLSTANDARD, S.C.** *Ciudad de México, MÉXICO*

This accreditation covers the specific proficiency testing schemes listed on the agreed upon Scope of Accreditation.

This provider is accredited in accordance with the recognized International Standard ISO/IEC 17043: 2010 *Conformity assessment - General requirements for proficiency testing*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.



Presented this 27<sup>th</sup> day of October 2020.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4077.01  
Valid to September 30, 2024

*For the proficiency testing schemes to which this accreditation applies, please refer to the provider's Scope of Accreditation.*