CERTIFICATE OF ACCREDITATION

This is to attest that

UL DE MEXICO, S.A. DE C.V.

MODULE K1 UNIT 6 AND HALF OF UNIT 7, KAIZEN INDUSTRIAL PARK, STATE ROAD 100, KM 8+820, COLONIA GALERAS, COLON MUNICIPALITY, QUERETARO, UNITED MEXICAN STATES (MEXICO), 76295

Testing Laboratory TL-1070

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 May 14, 2024

IAS ACCREDITED

International Accreditation Service

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SCOPE OF ACCREDITATION

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Accredited to ISO/IEC 17025:2017 *Effective Date May 14, 2024*

Electrical Safety	
UL 2556	Wire and Cable Test Methods (Clauses 3.1, 3.2, 3.3, 3.4, 3.7, 6.1, 7.1, 7.2, 7.6, 7.8, 7.9, 7.15, 7.19, 8.1)
Energy Efficiency and Performance	
Energy Star	Program Requirement Product Specification for Commercial Refrigerator and Freezers
IEC 62612	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V – Performance requirements (Clauses 4, 7.1, 11, Annex A)
IEC TR 61341	Method of Measurement of Centre Beam Intensity and Beam Angle(s) of Reflector Lamps (Clause 6)
IES-LM-79-08	Photometric Measurements of Solid-State Lighting Products (Clause 9)
RETIQ	Labeling Technical Regulation – RETIQ – Resolution 41012, Dated September 18, 2015, Article 9, Clause 9.2 – Commercial Refrigerators and Freezers. (NOM-022-ENER/SCFI-2014 – Clauses 6.1-6.3, 8.1, 8.2, 8.3, 9.1, 9.2, Appendix C, D, E, G)
RTS 97.02.01:15	El Salvador Technical Regulation RTS 97.02.01: 15, Dated January 8, 2018 – Energy Efficiency – Self-Contained Commercial Refrigeration Equipment – Limits, Test Methods and Labeling (Clauses 5, 6.1, 6.2, 6.3, Annex B, C, D, E)
Supreme Decree Nº 009-2017-EM	Technical Regulation on Energy Efficiency Labeling for Energetic Products – Supreme Decree No. 009-2017-EM, Dated April 7, 2017 – Annex 1 – Energy Efficiency Labeling for Residential and Similar Use on General Lighting, Chapter V (Clause 3.3)
Engineering Materials	
ASTM E308	Standard Practice for Computing the Colors of Objects by using the CIE System
ASTM G151	Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that use Laboratory Light Sources
ASTM G155	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials

DIN 53236	Colouring Materials – Conditions of Measurement and Evaluation for the Determination of Colour Differences for Paint Coatings, Similar Coatings and Plastics
IEC 60068-2-6	Environmental Testing – Part 2-6: Tests – Test Fc: Vibration (Sinusoidal)
IEC 60068-2-14	Environmental Testing – Part 2-14: Tests – Test N: Change of Temperature
IEC 60068-2-27	Environmental Testing – Part 2-27: Tests – Test Ea and Guidance: Shock
IEC 60068-2-30	Environmental Testing – Part 2-30: Tests – Test Db: Damp Heat, Cyclic (12 H + 12 H Cycle)
IEC 60068-2-64	Environmental Testing – Part 2-64: Tests – Test Fh: Vibration, Broadband Random and Guidance
ISO 105-A02	Textiles – Tests for Colour Fastness – Part A02: Grey Scale for Assessing Change in Colour
ISO 105-A03	Textiles – Tests for Colour Fastness - Part A03: Grey Scale for Assessing Staining
ISO 2813	Paints And Varnishes – Determination of Gloss Value at 20 Degrees, 60 Degrees And 85 Degrees
ISO 4892-1	Plastics – Methods of Exposure to Laboratory Light Sources – Part 1: General Guidance
ISO 6270-2	Paints and Varnishes – Determination of Resistance to Humidity – Part 2: Condensation (In-Cabinet Exposure with Heated Water Reservoir)
ISO 7724-1	Paints and Varnishes – Colorimetry – Part 1: Principles
ISO 7724-2	Paints and Varnishes – Colorimetry – Part 2: Colour Measurement
ISO 7724-3	Paints and Varnishes – Colorimetry – Part 3: Calculation of Colour Differences
ISO 16750-4	Road Vehicles – Environmental Conditions and Testing for Electrical and Electronic Equipment Series (Applicable clauses, 5.1, 5.2, and 5.3)
PV 1200	Vehicle Parts – Testing of Resistance to Environmental Cycle Test (+80/-40) °C
PV 1303	Non-Metallic Materials – Exposure Test of Passenger Compartment Components
PV 1306	Tackiness
SAE J 2412	Accelerated Exposure of Automotive Interior Trim Components using a Controlled Irradiance Xenon-Arc Apparatus
SAE J 2527	Performance Based Standard for Accelerated Exposure of Automotive Exterior Materials using a Controlled Irradiance Xenon-Arc Apparatus
TP-0000588	Environmental Test Working interval (-70C – 190C, 5%-95)

ASTM B117-19	Standard Practice for Operating Salt Spray (Fog) Apparatus
ISO 9227	Corrosion tests in artificial atmospheres - Salt spray tests (NSS Test)
NES M0132	Methods of Thermal Cycle Testing for Plastic Parts
TP-0000706	Climatic aging of materials, components and assemblies
ASTM D2247-15	Standard Practice for Testing Water Resistance of Coatings in 100 % Relative Humidity
GMW 14729	Procedures for High Humidity Test (Applicable test methods, Option A & B)
FLTM BO 116-01	Resistance to interior weathering (Exposure of interior trim materials in a controlled irradiance water cooled Xenon-Arc apparatus)
VW 80000	Electrical and Electronic Components in Motor Vehicles up to 3,5 t General Requirements, Test Conditions, and Tests (Applicable clauses, M-04, M-05, K-01, K-02, K-03, and K-14)
ISO 16750-3	Road vehicles — Environmental conditions and testing for electrical and electronic equipment — Part 3: Mechanical loads (Applicable clauses, 4.1.2, 4.1.3, 4.1.15, 4.1.12, and 4.2.1)
ISO 527-2	Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics
ISO 178	Plastics - Determination of flexural properties
ASTM D638-22	Standard Test Method for Tensile Properties of Plastics
ASTM E8/E8M-22	Standard Test Methods for Tension Testing of Metallic Materials
ISO 6892-1	Metallic materials - Tensile testing - Part 1: Method of test at room temperature