

# Laboratory Authorization

**Laboratory:** **Nemko Shanghai Ltd. Shenzhen Branch**  
Unit C& D, Floor 10, Tower 2, Kefa Road 8#  
Hi-Technology Park, Nanshan District, Shenzhen  
China

**Scope of Authorization** See Annex I

Nemko has assessed the quality assurance system, the testing facilities, qualifications and testing practices of the relevant parts of the organization. The quality assurance system of the Laboratory has been validated against ISO/IEC 17025 or equivalent. During the assessment by the Nemko representative, it was found that the Laboratory is capable of performing tests within the Scope of the Authorization.

Accordingly, Nemko will normally accept test results from the laboratory on a partial or complete basis for certification of the products under Nemko's US and Canadian Electrical Safety Certification schemes.

This Authorization does not imply recognition by the US Occupational Safety and Health Administration or the Standards Council of Canada.

*In order to maintain the recognition, continuing compliance with the conditions of the application agreement is required. Nemko is to be promptly notified about any changes in the situation at the Laboratory, which may affect the basis for this Authorization. The Authorization may be withdrawn at any time if the conditions are no longer considered to be fulfilled.*

**The Authorization is valid through: May 31, 2021**

Date of Issue: February 8, 2019

Authorized by:

A blue ink signature of S.C. Beck, written in a cursive style.

S.C. Beck, Director of Certification



**Scope of  
Authorization:**

UL60950-1 Information Technology Equipment – Safety – Part 1  
General Requirements (Including AM 1:2011 and AM2: 2014)

CAN/CSA-C22.2 No. 60950-1-07 Information Technology  
Equipment – Safety – Part 1: General Requirements ( incl.  
Amendment 1:2011 and Amendment 2: 2014)

UL 61010-1 2<sup>nd</sup> Edition - Safety Requirements for Electrical  
Equipment for Measurement, Control, and Laboratory Use – Part  
1: General Requirements

CAN/CSA-C22.2 No. 61010-1-04 Second Edition - Safety  
Requirements for Electrical Equipment for Measurement, Control,  
and Laboratory Use – Part 1: General Requirements

UL 61010-1 3<sup>rd</sup> Edition Safety Requirements for Electrical  
Equipment for Measurement, Control, and Laboratory Use – Part  
1: General Requirements

CAN/CSA-C22.2 NO. 61010-1-12 Safety Requirements for Electrical  
Equipment for Measurement, Control, and Laboratory Use – Part  
1: General Requirements

UL 60065 7th Edition - Standard for Audio, Video and Similar  
Electronic Apparatus – Safety Requirements

CAN/CSA-C22.2 No. 60065-03 + Amendment 1:2006 - Audio, Video  
and Similar Electronic Apparatus – Safety Requirements

UL 60065 8th Edition - Standard for Audio, Video and Similar  
Electronic Apparatus – Safety Requirements

CAN/CSA-C22.2 No. 60065:16 - Audio, Video and Similar Electronic  
Apparatus – Safety Requirements

UL 60601-1 Medical Electrical Equipment, Part 1: General  
Requirements for Safety

CAN/CSA C22.2 No. 601.1-M90 Medical Electrical Equipment, Part  
1: General Requirements for Safety



ANSI/AAMI ES60601-1:2005 (R)2012 and A1: 2012,  
C1:2009/(R)2012 and A2:2010/(R)2012 Medical Electrical  
Equipment – Part 1: General requirements for basic safety and  
essential performance

CAN/CSA-22.2 No. 60601-1:14 Medical Electrical Equipment – Part  
1: General requirements for basic safety and essential  
performance

UL 60335-1 Standard for Safety of Household and Similar Electrical  
Appliances, Part 1: General Requirements

CAN/CSA-C22.2 NO. 60335-1:11 Safety of household and  
similar appliances - Part 1: General requirements

UL 197 Commercial Electric Cooking Appliances

C22.2 NO. 109-M1981 (R2013) Commercial Cooking Appliances

C22.2 NO. 61-08 (R2012) Household Cooking Ranges

UL 250 Household Refrigerators and Freezers

C22.2 NO. 63-93 (R2013) Household Refrigerators and Freezers

UL 427 Refrigerating units

C22.2 NO. 120-13 Refrigeration equipment

UL 471 Commercial Refrigerators and Freezers

UL 499 Electric Heating Appliances

C22.2 NO. 1335.1-93 (R2013) Portable Electrical Motor-Operated  
and Heating Appliances: General Requirements

C22.2 NO. 1335.2.14-93 (R2013) Portable Electrical Motor-  
Operated and Heating Appliances: Particular Requirements for  
Electrical Motor-Operated Kitchen Appliances

C22.2 NO. 68-09 (R2014) Motor-operated appliances (household  
and commercial)

UL 507 Electric Fans



C22.2 NO. 113-15 Fans and ventilators

UL 561 Floor-Finishing Machines

C22.2 NO. 10-1965 (R2013) Electric Floor Surfacing and Cleaning Machines

UL 563 Ice Makers

UL 705 Power Ventilators

UL 751 Vending Machines

C22.2 NO. 128-16 Vending machines

UL 763 Motor-Operated Commercial Food Preparing Machines

C22.2 NO. 195-M1987 (R2014) Motor Operated Food Processing Appliances (Household and Commercial)

UL 859 Household Electric Personal Grooming Appliances

C22.2 NO. 36-08 (R2012) Hairdressing Equipment

UL 867 Electrostatic Air Cleaners

C22.2 NO. 187-15 Electrostatic air cleaners

UL 982 Motor-Operated Household Food Preparing Machines

UL 1017 Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines

C22.2 NO. 243-15 Vacuum cleaners, blower cleaners, and household floor finishing machines

UL 1026 Standard for Electric Household Cooking and Food Serving Appliances

C22.2 NO. 109-M1981 (R2013) Commercial Cooking Appliances

UL 1082 Household Electric Coffee Makers and Brewing-Type Appliances



C22.2 NO. 64-10 (R2014) Household cooking and liquid-heating appliances

UL 1083 Household Electric Skillets and Frying-Type Appliances

UL 1431 Personal Hygiene and Health Care Appliances

CAN/CSA-C22.2 NO. 224-M89 (R2014) Radiant Heaters and Infrared and Ultraviolet Lamp Assemblies for Cosmetic or Hygienic Purposes in Nonmedical Applications

UL 1563 Electric Spas, Equipment Assemblies, and Associated Equipment

C22.2 NO. 218.1-13 Spas, hot tubs and associated equipment

C22.2 NO. 218.2-15 Hydromassage bathtub appliances

CAN/CSA-B45 SERIES-02 (R2013) Plumbing Fixtures (Consists of B45.0, B45.1, B45.2, B45.3, B45.4, B45.5, B45.6, B45.7, B45.8 and B45.9)

C22.2 NO. 247-14 Operators and systems of doors, gates, draperies and louvres

C22.2 NO. 117-1970 (R2012) Room Air Conditioners

UL 62368-1 Audio/video, information and communication technology equipment – Part 1: Safety requirements

CAN/CSA-C22.2 62368-1-14 Audio/video, information and communication technology equipment – Part 1: Safety requirements