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CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

Scope of Accreditation

Accredited Legal Entity: Nemko North America, INC.
Address: 2210 Faraday Ave. Suite 150,
Carlsbad, CA 92008
USA
Operating From: 303 River Road, R.R.#5
Ottawa, ON K1V 1H2
Canada

Contact Name: Stuart Beck

Telephone: +1 613 737 9680

Telefax: +1 613 737 9691

Website: http://www.nemko.com

Email: stuart.beck@nemko.com

SCC File #:	10044
Initial Accreditation Date:	2003-11-24
Date of Most Recent Reaccreditation:	2014-10-14
Accreditation Expiry Date:	2019-11-24
Accreditation Standard:	ISO/IEC 17065:2012 Requirements and Guidance – Product, Process, and Service Certification Body Accreditation Program

Additional Fixed Office Locations:

The certification activities conducted by the above-mentioned legal entity at the following locations are also included in this scope of accreditation:

Location	Country	Address	City
A	USA	*2964 West 4700 South, Suite 200, Salt Lake City, Utah 84129*	Salt Lake City
B	USA	*Nemko USA, Inc.* *2210 Faraday Ave. Suite 150,* *Carlsbad, CA 92008* *USA*	San Diego

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Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 4 most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme allows for the choice between periodically taking samples of the product from the point of production, or from the market, or from both, and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements. The surveillance includes periodic assessment of the production process. This scheme can both indicate the impact of the distribution channel on conformity and provide a pre-market mechanism to identify and resolve serious nonconformities. Significant duplication of effort may take place for those products whose conformity is not affected during the distribution process.

Note: Some certification schemes under this program do not include periodic assessment of the production process (e.g. FCC, ISED, NCC).

Scope of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

ICS No.	Title	Purpose
31.220	Electromechanical components for electronic and telecommunications equipment	Performance
33	Telecommunications. Audio and video engineering	Performance
33.020	Telecommunications in general	Performance
33.030	Telecommunications services. Applications	Performance
33.040	Telecommunications systems	Performance
33.050	Telecommunication terminal equipment	Performance
33.060	Radio-communications	Performance
33.070	Mobile services	Performance
33.120	Components and accessories for telecommunications equipment	Performance
33.140	Special measuring equipment for use in telecommunications	Performance
35.240.15	Identification cards and related services	Performance
49.090	On-board equipment and instruments	Performance

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Additional Regulatory Requirements:

Title	Purpose
Innovation, Science and Economic Development Canada (ISEDC) Certification Body Program: Radio Scope 1 – License-exempt Radio Frequency Devices; Radio Scope 2 – Licensed Personal Mobile Radio Services; Radio Scope 3 – Licensed General Mobile and Fixed Radio Services; Radio Scope 4 – Licensed Maritime and Aviation Radio Services; Radio Scope 5 – Licensed Fixed Microwave Radio Services;	Performance
US Federal Communications Commission (FCC) Telecommunications Certification Body Program: • Scope A1 Unlicensed Transmitters • Scope A2 Unlicensed Transmitters>1GHz except Spread Spectrum Devices • Scope A3 Unlicensed PCS • Scope A4 Unlicensed National Information Infrastructure and Spread Spectrum devices • Scope B1 Personal Mobile Radio • Scope B2 General Mobile radio services • Scope B3 Maritime and aviation radio services • Scope B4 Microwave radio services • Scope C Telephone Terminal Equipment	Performance
National Communications Commission – Chinese Taipei Public Switched Telephone Network (**PSTN**) • Telephone set • Automatic alarming equipment • Telephone answering machine • Fax machine • Teletypewriter • Remote control equipment • Cordless phone • Digital Low Tier Radio Terminal Equipment • PABX • KTS • CTI • Data equipment • Caller ID terminal equipment	Performance

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Title	Purpose
• DS1/T1/E1 terminal equipment Public Land Mobile Network (**PLMN**) • Paging Receiver Radio Terminal Equipment • Mobile Data Radio Terminal Equipment • Trunked Radio Terminal Equipment • 1900MHz Digital Low Tier PHS Radio Terminal Equipment • 1900MHz Digital Low Tier PACS Radio Terminal Equipment • 1880-1895MHz Wireless Private Branch Exchange and Radio Terminal Equipment Integrated Service Digital Network (**ISDN**) • ISDN digital telephone • ISDN PC add-on card • ISDN G4 Fax • ISDN video phone • ISDN terminal adaptor • ISDN terminal adaptor module • ISDN PABX • Other ISDN TTE Satellite Personal Communications Networks (**S-PCN**) • 1.6/2.4 GHz Satellite Personal Communications Networks (S-PCN) Mobile EarthStations (MESs) Low-power RF Device (**LP**) • Devices operating in the frequency band below (including) 1GHz • Devices operating in the frequency band above 1GHz except for Unlicensed National Information Infrastructure Devices, frequency hopping or digitally modulated devices • Device employing frequency hopping or digital modulation techniques or Unlicensed National Information Infrastructure Devices	
Office of Telecommunications Authority (OFTA) Hong Kong, China Customer Premises Equipment connected to PSTN • HKTA 2011 ISDN Equipment • HKTA 2015 Digital Leased Circuit Equipment • HKTA 2028 • HKTA 2029	Performance

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Title	Purpose
Land Mobile Radio Equipment & CB Radio • HKTA 1002 • HKTA 1010 • HKTA 1046 Cordless telephone • HKTA 1015 Fixed Link Equipment • HKTA 1036 • HKTA 1037 Trunked Radio Equipment • HKTA 1016 Industrial, Scientific and Medical • HKTA 1007 • HKTA 1008 • HKTA 1035 Equipment operating in unlicensed bands of 2.4GHz and 5GHz • HKTA 1039 • HKTA 1042 Short Range Portable Radio (SRPR) and RFID Devices • HKTA 1049 Maritime Mobile Radio Equipment • HKTA 1005 Safety Requirements • HKTA 2001	

EU Radio Equipment Directive 2014/53/EU

With reference to EU List of harmonized standards - http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/rtte/index_en.htm
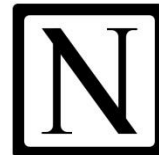
Note that Standards for 2014/53/EU have not yet been published as described at the above link

- Short Range Devices
- Short Range Devices – Medical implant
- Wideband Data transmission systems
- Land Mobile

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- Wireless microphones
- GSM Repeaters
- GSM Mobile equipment
- Aeronautical VHF
- UHF
- VHF Maritime
- Satellite Earth Stations – Fixed (SES)
- Satellite Earth Stations Mobile (MES)
- Satellite Earth Stations – Land Mobile (LMES)
- Satellite Earth Stations _- Very small aperture (VSAT)
- Satellite Earth Stations – Aircraft (AES)
- Cellular – Mobile
- Cellular – Fixed
- White Space Devices (WSD)
- Broadband Radio Access Networks
- UWB/GPR/WPR
- Fixed Radio systems
- Broadband wireless access
- Intelligent Transport systems
- TETRA

Certification Mark:

Products certified under this certification system type prior to 2016-08-01 utilized the certification mark shown below:

Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 3 most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme involves periodically taking samples of the product from the point of production and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil

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the specified requirements. The surveillance includes periodic assessment of the production process. This scheme does not provide any indication of the impact the distribution channel plays on conformity. When serious nonconformities are found, the opportunity may exist to resolve them before widespread market distribution occurs.

Note: Some certification schemes under this program do not include periodic assessment of the production process (e.g. EPA, ISED, NCC).

Scope of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

ICS No.	Title	Purpose
11.040.55	Diagnostic equipment	Electrical Safety and Performance
11.040.60	Therapy equipment	Electrical Safety and Performance
11.060.20	Dental equipment	Electrical Safety and Performance
11.080.10	Sterilizing equipment	Electrical Safety and Performance
11.140	Hospital equipment	Electrical Safety and Performance
19.080	Electrical and electronic testing	Electrical Safety
23.080	Pumps	Electrical Safety
23.120	Ventilators. Fans. Air-conditioners	Electrical Safety
33.040	Telecommunication systems	Electrical Safety and Performance
33.040.20	Transmission systems	Electrical Safety and Performance
33.040.30	Switching and signalling systems	Electrical Safety and Performance
33.050.10	Telephone equipment	Electrical Safety Performance
33.050.30	Equipment for telex, teletext, telefax	Electrical Safety and Performance
33.160.10	Amplifiers	Electrical Safety
33.160.20	Radio receivers	Electrical Safety
33.160.25	Television receivers	Electrical Safety

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ICS No.	Title	Purpose
33.160.30	Audio systems	Electrical Safety
33.160.40	Video systems	Electrical Safety
33.160.50	Accessories	Electrical Safety
33.160.60	Multimedia systems and teleconferencing equipment	Electrical Safety
35.020	Information technology (IT) in general	Electrical Safety
35.160	Microprocessor systems	Electrical Safety
35.180	IT terminal and other peripheral equipment	Electrical Safety
35.260	Office machines	Electrical Safety
37.040.10	Photographic equipment, Projectors;	Electrical Safety and Performance
37.060.10	Motion picture equipment	Electrical Safety and Performance
37.100.10	Reproduction equipment	Electrical Safety and Performance
37.020	Optical equipment, including microscopes	Electrical Safety and Performance
71.040.10	Chemical laboratories. Laboratory equipment	Electrical Safety and Performance
97.030	Domestic electrical appliances in general	Electrical Safety
97.040.20	Cooking ranges, working tables, ovens and similar appliances	Electrical Safety
97.040.30	Domestic refrigerating appliances	Electrical Safety
97.040.40	Dishwashers	Electrical Safety
97.040.50	Small kitchen appliances	Electrical Safety
97.060	Laundry appliances	Electrical Safety
97.080	Cleaning appliances	Electrical Safety
97.100	Domestic, commercial and industrial heating appliances	Electrical Safety
97.100.10	Electric heaters	Electrical Safety
97.130.20	Commercial refrigerating appliances	Electrical Safety

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Certification Mark:

Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 4 most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme allows for the choice between periodically taking samples of the product from the point of production, or from the market, or from both, and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements. The surveillance includes periodic assessment of the production process. This scheme can both indicate the impact of the distribution channel on conformity and provide a pre-market mechanism to identify and resolve serious nonconformities. Significant duplication of effort may take place for those products whose conformity is not affected during the distribution process.

Note: Some certification schemes under this program do not include periodic assessment of the production process (e.g. EPA, NRCan).

Scope of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

ICS No.	Title	Purpose
29.140.10	Lamp caps and holders	Energy Efficiency
29.140.20	Incandescent lamps	Energy Efficiency
29.140..30	Fluorescent lamps. Discharge Lamps	Energy Efficiency
29.140.40	Luminaires	Energy Efficiency
29.120.99	Other electrical accessories	Energy Efficiency
33.160.25	Television receivers	Energy Efficiency
33.050.99	Other telecommunication terminal equipment	Energy Efficiency
33.160.99	Other audio, video and audiovisual equipment	Energy Efficiency
35.020	Information technology (IT) in general	Energy Efficiency

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ICS No.	Title	Purpose
35.220.99	Other data storage devices	Energy Efficiency
37.100.10	Reproduction equipment	Energy Efficiency
91.160.10	Interior Lighting	Energy Efficiency
91.160.20	Exterior Building Lighting	Energy Efficiency
97.180	Miscellaneous domestic and commercial equipment	Energy Efficiency

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