



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

NIDEC MOTORS & ACTUATORS
1800 Opdyke Ct.
Auburn Hills, MI 48326
John Suriano Phone: 248 340 9977 ext. 1133

ELECTRICAL (EMC)

Valid to: May 31, 2013

Certificate Number: 1996.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following automotive electromagnetic compatibility tests:

Test Technology

Test Method(s)

Conducted Emissions
Voltage and Current Methods

CISPR 25 (2008) Sections 6.2 and 6.3

Radiated Emissions

CISPR 25 (2008), Section 6.4

Conducted Transient Emissions

ISO 7637-2; SAE J1113-42

Conducted Transient Immunity – Power Lines

ISO 7637-2 (*Except Pulse 1, 24V with $t1 < 1s$, except Pulse 2b, and except Pulse 5, 12V with $td < 300mS$ and 24V with $td < 350mS$*);
SAE J1113-11

Conducted Transient Immunity – Signal Lines

ISO 7637-3 (2007) Sections 3.4.2 and 3.4.3

Magnetic Field Emissions

MIL-STD-461F Section 5.16

Magnetic Field Immunity

DC 11224 Section 8.0;
ES-XW7T-1A278-AC Section 11.0 (RI 140);
GMW 3097 Section 3.4.4;
MIL-STD-461F Section 5.19.4
CS11809 (2009-06) Section 6.3;
ISO 11452-8 (2007-07) (*Helmholtz Only*)



The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

NIDEC MOTORS & ACTUATORS

Auburn Hills, MI

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009*).

Presented this 9th day of June 2011.

A handwritten signature in black ink, reading "Peter Abney".

President & CEO

For the Accreditation Council

Certificate Number 1996.01

Valid to May 31, 2013

Revised November 16, 2011



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