

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

e-OHTAMA, LTD.¹ 2-8-20 Kurigi, Asao-ku, Kawasaki-shi Kanagawa-ken 215-0033 JAPAN

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ELECTRICAL (EMC)

Valid To: February 28, 2021 Certificate Number: 3072.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above, *as well as the three satellite laboratory locations listed below*, to perform the following <u>Automotive Electromagnetic Compatibility tests</u>:

Test:	Test Method(s):
Emissions (Conducted and Radiated) ²	CISPR 25 (clauses 6.3, 6.4 and 6.5); CISPR 25:2008 (clauses 6.2, 6.3 and 6.4); CISPR 25:2002 (clauses 6.2, 6.3 and 6.4)
Conducted Transient Emissions along Supply Lines ²	ISO 7637-2 (clause 4.3); ISO 7637-2:2004 (clause 4.3)
Conducted Transient Immunity along	ISO 7637-2 (clause 4.4);
Supply Lines ²	ISO 7637-2:2004 (clause 4.4)
Radiated Immunity –	ISO 11452-2 (80 MHz to 6 GHz)
Absorber-Lined Shielded Enclosure (ALSE) ²	
Bulk Current Injection ²	ISO 11452-4 (excluding TWC test method); ISO 11452-4:2005

¹This accreditation covers testing performed at the main laboratory listed above, and the four satellite laboratories listed below

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²This laboratory meets A2LA R104 – General Requirements: Accreditation of Field Testing and Field Calibration Laboratories for these tests or calibrations.

294 Noborito, Tama-ku, Kawasaki-shi Kanagawa-ken 214-0014 JAPAN

Test: Test Method(s):

Emissions (Conducted and Radiated) CISPR 25 (clauses 6.3, 6.4, and 6.5);

CISPR 25:2008 (clauses 6.2, 6.3, and 6.4); CISPR 25:2002 (clauses 6.2, 6.3, and 6.4)

ISO 11452-4 (excluding TWC test method);

Conducted Transient Emissions along ISO 7637-2 (clause 4.3);

Supply Lines ISO 7637-2:2004 (clause 4.3)

Conducted Transient Immunity along ISO 7637-2 (clause 4.4);

Supply Lines ISO 7637-2:2004 (clause 4.4)

Radiated Immunity – ISO 11452-2 (80 MHz to 6 GHz)

ISO 11452-4:2005

4-28 Wakamatsu-Cho Kariya-shi, Aichi-ken 448-0858 JAPAN

<u>Test:</u> <u>Test Method(s):</u>

Emissions (Conducted and Radiated) CISPR 25 (clauses 6.3, 6.4, and 6.5);

CISPR 25:2008 (clauses 6.2, 6.3, and 6.4)

CISPR 25:2002 (clauses 6.2, 6.3, and 6.4)

Conducted Transient Emissions along ISO 7637-2 (clause 4.3);

Supply Lines ISO 7637-2:2004 (clause 4.3)

Conducted Transient Immunity along ISO 7637-2 (clause 4.4); Supply Lines ISO 7637-2:2004 (clause 4.4)

Radiated Immunity – ISO 11452-2 (200 MHz to 4 GHz)

Absorber-Lined Shielded Enclosure (ALSE)

Bulk Current Injection ISO 11452-4 (excluding TWC test method);

ISO 11452-4:2005

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Absorber-Lined Shielded Enclosure (ALSE)

Bulk Current Injection

68 Fukidoike Imaoka-cho Kariya-shi, Aichi-ken 448-0008 JAPAN

<u>Test:</u> <u>Test Method(s):</u>

Emissions (Conducted and Radiated) CISPR 25 (clauses 6.3, 6.4, and 6.5);

CISPR 25:2008 (clauses 6.2, 6.3, and 6.4); CISPR 25:2002 (clauses 6.2, 6.3, and 6.4)

Conducted Transient Emissions along Supply Lines ISO 7637-2 (clause 4.3);

ISO 7637-2:2004 (clause 4.3)

Conducted Transient Immunity along Supply Lines ISO 7637-2 (clause 4.4);

ISO 7637-2:2004 (clause 4.4)

Radiated Immunity - Absorber-Lined Shielded

Enclosure (ALSE)

ISO 11452-2 (200 MHz to 4 GHz)

Bulk Current Injection ISO 11452-4 (excluding TWC test method);

ISO 11452-4:2005

Continental Automotive Corporation 1F, 1-1-32 Shin-Urashimacho, Kanagawa-ku, Yokohama-city, Kanagawa 221-0031 JAPAN

Test: Test Method(s):

Emissions (Conducted and Radiated)
Radiated Immunity - Absorber-Lined Shielded

Enclosure (ALSE)

CISPR 25 (clauses 6.2, 6.3 and 6.4); ISO 11452-2 (200 MHz to 6 GHz)

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Accredited Laboratory

A2LA has accredited

E-OHTAMA, LTD.

Kawasaki-shi, Kanagawa, Japan

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 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 April 2017).

SEAL SPANNON TO CRED 1978 SEAL SPANNON TO CRED 1978 A 2 L A

Presented this 20th day of March 2019.

Vice President, Accreditation Services
For the Accreditation Council

Certificate Number 3072.01

Valid to February 28, 2021