



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DENSO EMC ENGINEERING SERVICE CORPORATION  
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ELECTRICAL (EMC)<sup>1</sup>

Valid to: September 30, 2020

Certificate Number: 1954.01

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

**Test Technology:**

**Test Method(s):**

*Electrostatic Discharge (ESD)*

ISO 10605; ISO 10605 (2001, 2008)

*RF Conducted Emissions*

CISPR 25, Sections 6.3 and 6.4 I.2, I.3, and I.5;  
CISPR 25 (2002, 2008), Sections 6.2 and 6.3;  
CISPR 25 (2016), Sections 6.3, 6.4 I.2, I.3 and I.5

*RF Radiated Emissions*

CISPR 25, Sections 6.5 and I.4, I.5;  
CISPR 25 (2002, 2008), Section 6.4 ;  
CISPR 25 (2016), Sections 6.5 and I.4, I.5

*Bulk Current Injection (BCI)*

ISO 11452-4; ISO 11452-4 (2005, 2011)

*Absorber-Lined Shielded Enclosure (ALSE)*

ISO 11452-2; ISO 11452-2 (2004)

*Electrical Disturbances from Conduction and Coupling (Electrical Transient Conduction on Supply Lines Only)*

ISO 7637-2; ISO 7637-2 (2004, 2011)

*Environmental Conditions and Testing for Electrical and Electronic Equipment (Electrical Loads – Starting Profile and Load Dump)*

ISO 16750-2 Sections 4.6.3 and 4.6.4;  
ISO 16750-2 (2012) Sections 4.6.3 and 4.6.4

*Electrical Disturbances from Conduction and Coupling (Electrical Transient Transmission by Capacitive and Inductive Coupling via Lines Other Than Supply Lines)*

ISO 7637-3; ISO 7637-3 (2007, 2016)

(A2LA Cert. No. 1954.01) 08/02/2018

Page 1 of 2

**Test Technology:**

**Test Method(s):**

*Tubular Wave Coupler (TWC)*

ISO 11452-4; ISO 11452-4 (2011)

*Magnetic Fields*

ISO 11452-8; ISO 11452-8 (2007, 2015)

*Portable Transmitters*

ISO 11452-9; ISO 11452-9 (2012)

On the following products or types of products: Automotive Components

<sup>1</sup>When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is expected to be using the current version within one year of the date of publication, per part C., Section 1 of A2LA R101 - *General Requirements - Accreditation of ISO-IEC 17025 Laboratories*.





## *Accredited Laboratory*

A2LA has accredited

# **DENSO EMC ENGINEERING SERVICE CORPORATION**

*Aichi-ken, Japan*

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 April 2017).



Presented this 2<sup>nd</sup> day of August 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 1954.01  
Valid to September 30, 2020

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