



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

GENTHERM AUTOMOTIVE SYSTEMS (CHINA) LTD.
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ELECTRICAL

Valid To: August 31, 2019

Certificate Number: 2570.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive seat heater systems, heated/vented seats, heated steering wheels, and related components:

Test

Test Method(s)

DC Resistance Measurement ($1\text{m}\Omega - 30\text{M}\Omega$)¹

GENTHERM PLM#002229 (Section 4.2.1a)

Power Consumption
(Resistance Wire Seat Heating)²

GENTHERM PLM#002229 (Section 4.4.1)

Power Consumption
(Carbon-fiber Seat Heating and SensuTemp)²

GENTHERM PLM#002229 (Section 4.4.2)

Test of Thermostat Switching Temperatures²

GENTHERM PLM#002229 (Section 4.6)

Withstand Voltage Test
(Max. AC 5kV, 100mA)¹

BSDE5101 (Section 8.10)

Insulation Resistance Measurement
(Max. DC 1000V, 9.99G Ω)¹

BSDE5101 (Section 8.1)

¹ Also using customer specified test methods directly related to the tests and parameters listed above.

² Source voltage and current covers the range of $\pm 30\text{V}$ DC and $\pm 20\text{A}$ DC.



Accredited Laboratory

A2LA has accredited

GENTHERM AUTOMOTIVE SYSTEMS (CHINA) LTD.

Langfang, Hebei, China

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 7th day of August 2017.

A handwritten signature in blue ink, appearing to read 'L. Shen', written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2570.02
Valid to August 31, 2019

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