



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

APPLUS SHANGHAI QUALITY INSPECTION CO. LTD.
Building 23, No. 3999, Xiupu Road, Pudong New District
Shanghai, People's Republic of China 201315
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MECHANICAL

Valid To: July 31, 2019

Certificate Number: 4106.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following test on metallic materials and products:

Test:

Test Methods:

Metallic Materials

Tensile ($\leq 2000\text{kN}$)
Yield Strength
Elongation
Reduction of Area

GB/T 228.1;
ISO 6892-1;
EN 2002-1;
ASTM E8/E8M

Rockwell Hardness (HRA, HRBW, HRC scales)

GB/T 230.1;
ISO 6508-1;
ASTM E18

Brinell Hardness (HBW 10/3000, 10/1500, 10/500, 5/750)

GB/T 231.1;
ISO 6506-1

Vickers Hardness (HV1, HV5, HV10)

GB/T 43401.1;
ISO 6507-1;
ASTM E92

Vickers Micro-Hardness (HV0.1, HV0.5, HV1)

GB/T 43401.1;
ISO 6507-1;
ASTM E384

Charpy Impact

GB/T 229;
ISO 148-1

Bend Test

GB/T 232;
ISO 7438

Coating or Plating Thickness
Magnetic or Eddy Current

GB/T 4956;
ISO 2178;
ASTM E376

Optical Method

GB/T 6462;
ISO 1463

Test:

Coating Thickness
Weight Method

Salt Spray

Case Depth

Test Methods:

GB/T 13825;
ISO 1460;
ASTM A90/A90M

GB/T 10125;
ISO 9227;
ASTM B117

GB/T 9450, 9451; ISO 18203

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Accredited Laboratory

A2LA has accredited

APPLUS SHANGHAI QUALITY INSPECTION CO. LTD.

Shanghai, People's Republic of China

for technical competence in the field of

Mechanical 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 25th day of July 2017.

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President and CEO
For the Accreditation Council
Certificate Number 4106.01
Valid to July 31, 2019

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