



財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

(Certificate No : L1426-230418)

This is to certify that

China Steel Aluminium Corporation Testing Laboratory

No.17, Donglin Rd., Siaogang Dist., Kaohsiung City 812, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017 ; CNS 17025:2018

Accreditation Number : 1426

Originally Accredited : May 17, 2005

Effective Period : May 17, 2023 to May 16, 2026

Accredited Scope : Testing Field, see described in the Appendix



Scan to verify

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
April 18, 2023

Accreditation Number : 1426

Laboratory Head : CHEN, Pao-Sung

▀ 01. 02 Metals and Alloys Products

1000,6000,8000 series of Aluminium Alloys

C001 Elemental Analysis

ASTM E1251

(Spark-OES)

Si: (0.010 to 0.84) %

Fe: (0.0035 to 0.94) %

Cu: (0.0013 to 0.21) %

Mn: (0.0083 to 1.45) %

Mg: (0.0010 to 1.20) %

Cr: (0.010 to 0.22) %

Zn: (0.010 to 0.20) %

Ti: (0.010 to 0.15) %

Ni: (0.0020 to 0.05) %

Approval Signatory: CHEN, Pao-Sung; HUANG, I-Ting; TSAI, Jung-Ching

▀ 01. 02 Metals and Alloys Products

2000 series of Aluminium Alloys

C001 Elemental Analysis

ASTM E1251

(Spark-OES)

Si: (0.15 to 2.40) %

Fe: (0.063 to 1.22) %

Cu: (1.180 to 9.90) %

Mn: (0.050 to 1.00) %

Mg: (0.023 to 1.93) %

Cr: (0.03 to 0.109) %

Zn: (0.015 to 1.23) %

Ti: (0.013 to 0.194) %

Ni: (0.025 to 2.16) %

Approval Signatory: CHEN, Pao-Sung; HUANG, I-Ting; TSAI, Jung-Ching

▀ 01. 02 Metals and Alloys Products

3000 series of Aluminium Alloys

C001 Elemental Analysis

ASTM E1251

(Spark-OES)

Si: (0.070 to 0.45) %

Fe: (0.110 to 0.97) %

P2, total 4 pages



Cu: (0.005 to 0.30) %
Mn: (0.410 to 1.80) %
Mg: (0.010 to 1.45) %
Cr: (0.020 to 0.10) %
Zn: (0.007 to 0.20) %
Ti: (0.010 to 0.32) %
Ni: (0.002 to 0.05) %

Approval Signatory: CHEN, Pao-Sung; HUANG, I-Ting; TSAI, Jung-Ching

01. 02 Metals and Alloys Products

5000 series of Aluminium Alloys

C001 Elemental Analysis

ASTM E1251

(Spark-OES)

Si: (0.020 to 1.06) %
Fe: (0.130 to 0.55) %
Cu: (0.010 to 0.24) %
Mn: (0.042 to 1.00) %
Mg: (1.040 to 8.00) %
Cr: (0.030 to 0.25) %
Zn: (0.020 to 0.25) %
Ti: (0.010 to 0.20) %
Ni: (0.010 to 0.15) %

Approval Signatory: CHEN, Pao-Sung; HUANG, I-Ting; TSAI, Jung-Ching

01. 02 Metals and Alloys Products

7000 series of Aluminium Alloys

C001 Elemental Analysis

ASTM E1251

(Spark-OES)

Si: (0.038 to 0.46) %
Fe: (0.152 to 0.70) %
Cu: (0.031 to 2.50) %
Mn: (0.032 to 0.59) %
Mg: (0.258 to 3.34) %
Cr: (0.010 to 0.40) %
Zn: (1.0 to 7.90) %
Ti: (0.010 to 0.20) %
Ni: (0.003 to 0.05) %

Approval Signatory: CHEN, Pao-Sung; HUANG, I-Ting; TSAI, Jung-Ching



01. 02 Metals and Alloys Products

Cast Aluminium Alloys

C001 Elemental Analysis

ASTM E1251

(Spark-OES)

Si: (1.100 to 17.8) %

Fe: (0.10 to 0.97) %

Cu: (0.010 to 4.85) %

Mn: (0.010 to 0.59) %

Mg: (0.027 to 1.40) %

Cr: (0.010 to 0.11) %

Zn: (0.010 to 3.00) %

Ti: (0.010 to 0.20) %

Ni: (0.010 to 1.50) %

Approval Signatory: CHEN, Pao-Sung; HUANG, I-Ting; TSAI, Jung-Ching

01. 02 Metals and Alloys Products

Aluminum Material

M002 Tension

ASTM B557

CNS 2111

JIS Z2241

EN 10002-1

EN 485-1

5 N to 176.5 kN

Approval Signatory: WENG, Ya-Chi; CHEN, Pao-Sung; LIAO, Wei-Hung; TSAI, Jung-Ching

(Null below)

