



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

# Certificate of Accreditation

(Certificate No: L4064-230804)

This is to certify that

**E-Sheng steel co,Ltd**  
**ESS Testing laboratory**

NO.11 Jingzhong Rd. Yongkang Dist Tainan City

**is accredited in respect of laboratory**

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

**Accreditation Number** : 4064

**Originally Accredited** : March 01, 2023

**Effective Period** : March 01, 2023 to February 28, 2026

**Accredited Scope** : Testing Field, see described in the Appendix



Scan to verify

*Ching-Chang Lien*

Ching-Chang Lien  
President, Taiwan Accreditation Foundation  
August 04, 2023

Accreditation Number : 4064

Laboratory Head : HONG, Chung-Wei

01. 01 Metals and Alloys Products

carbon steel

low alloy steel

C001 Elemental analysis

1. ASTM E415

2. CNS 10006

JIS G1253

1.

C: (0.025 to 0.60) %

Si: (0.02 to 0.60) %

Mn: (0.40 to 1.60) %

P: (0.006 to 0.060) %

S: (0.005 to 0.055) %

Cr: (0.01 to 0.60) %

Mo: (0.016 to 0.80) %

Ni: (0.02 to 1.00) %

Al: (0.06 to 0.07) %

Cu: (0.10 to 0.50) %

Ti: (0.002 to 0.10) %

V: (0.008 to 0.30) %

Sn: (0.005 to 0.045) %

B: (0.0004 to 0.0070) %

2.

C: (0.025 to 0.60) %

Si: (0.01 to 0.60) %

Mn: (0.40 to 1.60) %

P: (0.005 to 0.060) %

S: (0.005 to 0.060) %

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Cu: (0.10 to 0.60) %

Ti: (0.002 to 0.10) %

V: (0.008 to 0.50) %

Sn: (0.002 to 0.045) %

B: (0.0004 to 0.0070) %

Carbon Equivalent (C.E.)

Approval Signatory: HONG, Chung-Wei; CHIANG, Wei-Che



■ 01. 01 Metals and Alloys Products

Medium and low carbon steel

M002 Stretching test

CNS 2111

JIS Z2241

ASTM A370

ASTM E8/E8M

(200 to 1950) kN

(20408 to 198838) kgf

Approval Signatory: HONG, Chung-Wei; CHIANG, Wei-Che

M005 Bending test

CNS 3941

JIS Z2248

ASTM A370

ASTM E290

Pressing Bend Method: Plate Thickness ( 3 to 28) mm

Winding Bend Method: Bar Diameter ( 9.5 to 38) mm

Approval Signatory: HONG, Chung-Wei; CHIANG, Wei-Che

(Null below)

