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

Certificate of Accreditation

(Certificate No：L0949-261028)

This is to certify that

Tung Ho Steel Enterprise Corporation

Kaohsiung Plant Testing Laboratory

NO.8, Jiaxing Street, Xiaogang District, Kaohsiung City 81257, Taiwan(R.O.C)

is accredited in respect of laboratory

Accreditation Criteria	：	ISO/IEC 17025:2017；CNS 17025:2018
Accreditation Number	：	0949
Originally Accredited	：	November 01, 2002
Effective Period	：	November 11, 2026 to November 10, 2029
Accredited Scope	：	Testing Field, see described in the Appendix

Scan to verify

Yi-Ling Chen

Yi-Ling Chen
President, Taiwan Accreditation Foundation
October 28, 2026

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

Accreditation Number ：0949

Laboratory Head ：WANG,Chia-Pin

◤ 01. 01 Metals and Alloys Products
Low Alloy Steel
C001 Elemental Analysis
1.CNS 10006
2.JIS G1253
3.ASTM E415
4.In-house method：Spectrometer Chemical Analysis Test Method Standard (Document No.: K2020414) Reference: CNS 10006, JIS G1253, ASTM E415 Custom Method: Jiaxing:
1.
C :(0.04 to 0.75) %
Si:(0.05 to 0.60) %
Mn:(0.20 to 1.60) %
P :(0.004 to 0.070) %
S :(0.002 to 0.055) %
Cu:(0.03 to 0.50) %
Ni:(0.02 to 1.60) %
Cr:(0.06 to 0.60) %
Mo:(0.016 to 0.98) %
V :(0.001 to 0.10) %
Nb:(0.004 to 0.050) %
Sn:(0.002 to 0.045) %
Al:(0.002 to 0.05) %
Ti:(0.001 to 0.07) %
B :(0.0002 to 0.0065) %
2.
C :(0.04 to 0.75) %
Si:(0.05 to 0.60) %
Mn:(0.20 to 1.60) %
P :(0.004 to 0.070) %
S :(0.002 to 0.055) %
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Nb:(0.001 to 0.050) %
Sn:(0.002 to 0.045) %
Al:(0.002 to 0.05) %
Ti:(0.001 to 0.07) %
B :(0.0002 to 0.0065) %
3.
C :(0.04 to 0.75) %

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Si:(0.05 to 0.60) %
Mn:(0.20 to 1.60) %
P :(0.006 to 0.070) %
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Nb:(0.003 to 0.050) %
Sn:(0.005 to 0.045) %
Al:(0.006 to 0.05) %
Ti:(0.001 to 0.07) %
B :(0.0004 to 0.0065) %
4.
C :(0.04 to 0.75) %
Si:(0.05 to 0.60) %
Mn:(0.20 to 1.60) %
P :(0.004 to 0.070) %
S :(0.002 to 0.055) %
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Nb:(0.001 to 0.050) %
Sn:(0.002 to 0.045) %
Al:(0.002 to 0.05) %
Ti:(0.001 to 0.07) %
B :(0.0002 to 0.0065) %

Daye
1.
C :(0.04 to 0.75) %
Si:(0.10 to 0.60) %
Mn:(0.30 to 1.60) %
P :(0.006 to 0.060) %
S :(0.008 to 0.055) %
Cu:(0.10 to 0.50) %
Ni:(0.03 to 1.00) %
Cr:(0.10 to 1.20) %
Mo:(0.02 to 0.50) %
V :(0.003 to 0.30) %
Nb:(0.005 to 0.080) %
Al:(0.015 to 0.070) %
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S :(0.008 to 0.055) %
Cu:(0.10 to 0.50) %
Ni:(0.03 to 1.00) %
Cr:(0.10 to 1.20) %
Mo:(0.02 to 0.50) %
V :(0.003 to 0.30) %
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Al:(0.015 to 0.070) %

Approval Signatory:WANG,Chia-Pin; SU, Chin-Chou
Testing Site：1. No. 54, Daye South Road, Xiaogang District, Kaohsiung City (Daye); 2.No.8, Jiaxing St., Xiaogang District, Kaohsiung City (Jiaxing)

◤ 01. 01　Metals and Alloys Products
Carbon Steel
C001　Elemental Analysis
1.CNS 10006
2.JIS G1253
3.ASTM E415
4.In-house method：Spectrometer Chemical Analysis Test Method Standard (Document No.: K2020414) Reference: CNS 10006, JIS G1253, ASTM E415 Custom Method: Jiaxing
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Sn:(0.002 to 0.045) %
Al:(0.002 to 0.05) %

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Ti:(0.001 to 0.07) %
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Approval Signatory:WANG,Chia-Pin; SU, Chin-Chou
Testing Site：1. No. 54, Daye South Road, Xiaogang District, Kaohsiung City (Daye);
2.No.8, Jiaxing St., Xiaogang District, Kaohsiung City (Jiaxing)

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◤ 01. 01　Metals and Alloys Products
Medium/Low Carbon Steel
M002　Tension
CNS 2111
ASTM E8/E8M
JIS Z2241
AS 1391
BS EN ISO 6892-1
(20 to 1000) kN

Approval Signatory:WANG,Chia-Pin; SU, Chin-Chou

M005　Bend (Winding Bend Method)
CNS 3941
ASTM A370
JIS Z2248
Thickness of Plate：(6 to 21) mm

Approval Signatory:WANG,Chia-Pin; SU, Chin-Chou

◤ 01. 01　Metals and Alloys Products
Metals Products
M004　Charpy Impact
JIS Z2242
AS 1544.2
CNS 3034
BS EN ISO 148-1
Absorbed Energy
1. -40 ℃ to room Temperature
2. maximum : 200J
3.Radius of curvature of Striker：2 mm

Approval Signatory:WANG,Chia-Pin; SU, Chin-Chou

(Null below)

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