



Certificate No. : L1540-210331

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

Certificate of Accreditation

This is to certify that

Taiwan Fastener-Lab Co., Ltd.

Taiwan Fastener Inspection & Test Laboratory

19F, No.615, Sec. 2, Ta Tung Road, East Dist., Tainan, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017 ; CNS 17025:2018
Accreditation Number : 1540
Originally Accredited : February 21, 2006
Effective Period : May 10, 2021 to May 09, 2024
Accredited Scope : Testing Field, see described in the Appendix

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
Date : March 31, 2021



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Accreditation Number : 1540

Laboratory Head : CHUANG, Martin

■ 01. 03 Metals and Alloys Products

Fasteners

M002 Wedge Tensile Strength of Full-Size Thread Fasteners

ASTM F606/F606M

ISO 898-1

(4.9 to 441) kN

(500 to 45000) kgf

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

Testing Site: 1.No.1150-3, Fusing Rd., Lujhu District, Kaohsiung City 821, Taiwan (R.O.C.)

M002 Axial Tensile Strength of Full-Size Threaded Fasteners

ASTM F606/F606M

ISO 898-1

(4.9 to 441) kN

(500 to 45000) kgf

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

Testing Site: 1.No.1150-3, Fusing Rd., Lujhu District, Kaohsiung City 821, Taiwan (R.O.C.)

M009 Coating Thickness (X-Ray Method)

ASTM B568

Zn/Fe: (1.38 to 36.0) μm

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M012 Salt Spray Test

ASTM B117

ISO 9227

Neutral Salt Solution

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

Testing Site: 1.No. 2, Ln. 686, Sec. 2, Datong Rd., South Dist., Tainan City 702, Taiwan (R.O.C.)

M013 Torsional Strength Test

ASME B18.6.3

SAE J78

SAE J81

SAE J933

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F.I.P.1000
SAE J1237
(6 to 1800) kgf·cm

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M014 Proof Load of Internally Threaded Fasteners
ASTM F606/F606M (Exclude Compression Method)
ISO 898-2 (Exclude Compression Method)
(4.9 to 441) kN
(500 to 45000) kgf

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin
Testing Site: 1.No.1150-3, Fusing Rd., Lujhu District, Kaohsiung City 821, Taiwan (R.O.C.)

M016 Hydrogen Embrittlement of External Threaded Fasteners
F.I.P.1000
M3 to M10
#4 to 3/8 in

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M017 Gaging of External Thread-System 21
ASME B1.2
ISO 1502
M3 to M30
#6 to 1 in

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M017 Gaging of Internal Thread-System 21
ASME B1.2
ISO 1502
M2.5 to M30
#2 to 2 1/2 in

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M017 Dimensions of General Purpose Fasteners and High-Volume Machine Assembly
Fasteners
JIS B1071 (Exclude Sec. 4)
Caliper: (0 to 300) mm
Micrometer: (0 to 50) mm
Profile Projector: Linear (X-axis) : (0 to 25) mm, Linear (Y-axis) : (0 to 25) mm, Angle: 0° to 360°



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M101 Rockwell Superficial Hardness
ASTM E18
(40 to 80) HR30N

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M101 Rockwell Hardness
ASTM E18
ISO 6508-1
(20 to 65) HRC
(40 to 100) HRBW

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M103 Vickers Hardness
ASTM E384
ASTM E92
ASTM F606/F606M
(100 to 600) HV 0.3
> 600 HV 0.3
(100 to 600) HV 0.5
> 600 HV 0.5
(100 to 600) HV 1
> 600 HV 1

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M103 Vickers Hardness
ASTM F606/606M
ASTM E92
ISO 2702
ISO 6507-1
ISO 898-1
ISO 898-2
SAE J933
(100 to 600) HV 5
> 600 HV 5
(100 to 600) HV 10
> 600 HV 10
(100 to 600) HV 30
> 600 HV 30
(100 to 600) HV 50
> 600 HV 50

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M103 Decarburization and Case Depth Measurement (Hardness Method)
ISO 2639 (2002)
ASTM F2328 (TPI Less than 40)
ASTM F2328M (Pitch Over 0.60 mm)

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M150 Drill-Drive Test
SAE J78
F.I.P.1000
ISO 10666
DIN 7504 (1995)
IFI-504
ST2.9 to ST6.3
#4 to 1/4 in

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M151 Drive Test
F.I.P.1000
SAE J81
ASME B18.6.3
M3 to M10
#4 to 3/8 in

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M152 Ductility
F.I.P.1000
SAE J78
SAE J81
SAE J1237
ASME B18.6.3
IFI-504
M2.9 to M6.3
#4 to 3/8 in.

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin

M153 Surface Discontinuities of Externally Threaded Fasteners
ASTM F788 (Exclude Sec. 6.5.1.4)
ISO 6157-1

Approval Signatory: LEE, Ju-Sheng; CHUANG, Martin



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M153 Surface Discontinuities of Internally Threaded Fasteners
ASTM F812 (Exclude Sec. 6.5.2, 7.1)
ISO 6157-2

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