



證書編號：L0975-190215

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

認 證 證 書

茲證明

新倡發工業股份有限公司

新倡發測試實驗室

高雄市岡山區新樂街 195 號

為本會認證之實驗室

認 證 依 據：ISO/IEC 17025：2017；CNS 17025：2018

認 證 編 號：0975

初 次 認 證 日 期：九十年三月一日

認 證 有 效 期 間：一百零八年四月二十日至一百一十一年四月十九日止

認 證 範 圍：測試領域，如續頁

董事長

王聰麟

中華民國一百零八年二月十五日



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實驗室主管：吳瑞銘

■ 01.03 金屬與合金類材料與製品
扣件
M002 全尺寸螺紋扣件軸向抗拉強度
ASTM F606/F606M
ISO 898-1
SAE J429
(49 to 784) kN
(5000 to 80000) kgf

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富

M002 全尺寸螺紋扣件墊楔拉伸試驗
ASTM F606/F606M
SAE J429
ISO 898-1
(49 to 784) kN
(5000 to 80000) kgf

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富

M009 膜厚試驗 (X-Ray 法)
ASTM B568
Zn/Fe: (3.2 to 20) μm

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富

M013 全尺寸螺帽預置扭力試驗
ASME B18.16.6
ISO 2320
M6 to M24
(1/4 to 1) in

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富





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M014 外螺紋扣件安全負荷 (長度量測法)
ASTM F606/F606M
SAE J429
ISO 898-1
(49 to 784) kN
(5000 to 80000) kgf

報告簽署人: 王玫云; 吳瑞銘; 陳敏昭; 蔡景富

M014 螺帽安全負荷 (拉伸法)
ASTM F606/F606M
SAE J995
ISO 898-2
DIN 267-4 (1983)
(49 to 784) kN
(5000 to 80000) kgf

報告簽署人: 王玫云; 吳瑞銘; 陳敏昭; 蔡景富

M017 一般目的與大量機器組裝扣件尺寸量測
JIS B1071
游標卡尺: (0 to 200) mm
外分厘卡: (0 to 50) mm
針盤指示計: (0 to 10) mm
影像量測儀: 線性(X軸): (0 to 50) mm, 線性(Y軸): (0 to 50) mm,
線性(Z軸): (0 to 50) mm, 角度: 0° to 360°

報告簽署人: 王玫云; 吳瑞銘; 陳敏昭; 蔡景富

M101 洛氏表面硬度
ASTM E18
ASTM F606/F606M
(45 to 77) HR30N

報告簽署人: 王玫云; 吳瑞銘; 陳敏昭; 蔡景富

M101 洛氏硬度
ASTM E18
ASTM F606/F606M
ASTM A194/A194M
ISO 898-1
ISO 898-2
DIN 267-4 (1983)
(50 to 90) HRBW
(26 to 60) HRC

報告簽署人: 王玫云; 吳瑞銘; 陳敏昭; 蔡景富



證書編號：L0975-190215

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

M103 維克氏硬度
ASTM E92
ASTM E384
ASTM F606/F606M
ISO 898-2
DIN 267-4 (1983)
(200 to 600) HV 0.3
> 600 HV 0.3
(200 to 600) HV 5
> 600 HV 5
(200 to 600) HV 10
> 600 HV 10
(200 to 600) HV 30
> 600 HV 30

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富

M103 扣件脫碳深度量測 (硬度法)
ISO 898-1
ASTM F2328 (小於 40TPI)

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富

M153 外螺紋扣件表面缺陷
ASTM F788 (不含第 6.5.1.4 節)

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富

M153 內螺紋扣件表面缺陷
ASTM F812 (不含第 6.5.2, 7.1 節)

報告簽署人：王玫云；吳瑞銘；陳敏昭；蔡景富

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Certificate No. : L0975-190215

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

Certificate of Accreditation

This is to certify that

Shih Hsang Ywa Industrial Co., Ltd.

Shih Hsang Ywa Testing Laboratory

No. 195, Shin-Lo Street, Kangshan, Kaohsiung, Taiwan, R. O. C.

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017;CNS 17025:2018
Accreditation Number : 0975
Originally Accredited : March 01, 2001
Effective Period : April 20, 2019 to April 19, 2022
Accredited Scope : Testing Field, see described in the Appendix

Chung-Lin Wang

Chung-Lin Wang
President, Taiwan Accreditation Foundation
Date : February 15, 2019



Certificate No. : L0975-190215

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

Accreditation Number : 0975

Laboratory Head : WU, Jui-Ming

01. 03 Metals and Alloys Products

Fasteners

M002 Axial Tension Testing of Full-Size Product

ASTM F606/F606M

ISO 898-1

SAE J429

(49 to 784) kN

(5000 to 80000) kgf

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M002 Wedge Tensile Strength of Full-Size Threaded Fasteners

ASTM F606/F606M

SAE J429

ISO 898-1

(49 to 784) kN

(5000 to 80000) kgf

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M009 Coating Thickness Test (X-Ray Method)

ASTM B568

Zn/Fe: (3.2 to 20) μm

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M013 Prevailing-Torque Test of Full-Size Nut

ASME B18.16.6

ISO 2320

M6 to M24

(1/4 to 1) in

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M014 Proof Load for External Threaded Fastener (Length Measurement Method)

ASTM F606/F606M

SAE J429

ISO 898-1

(49 to 784) kN

(5000 to 80000) kgf

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

P2, total 4 pages



Certificate No. : L0975-190215

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

M014 Proof Load for Nut (Tension Method)
ASTM F606/F606M
SAE J995
ISO 898-2
DIN 267-4 (1983)
(49 to 784) kN
(5000 to 80000) kgf

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M017 Dimensions of General Purpose Fasteners and High-Volume Machine Assembly
Fasteners
JIS B1071
Caliper: (0 to 200) mm
External Micrometer: (0 to 50) mm
Dial Gauge: (0 to 10) mm
Visual Measurement System: Linear (X-axis): (0 to 50) mm, Linear (Y-axis): (0 to 50) mm,
Linear (Z-axis): (0 to 50) mm, Angle: 0° to 360°

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M101 Rockwell Surface Hardness
ASTM E18
ASTM F606/F606M
(45 to 77) HR30N

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M101 Rockwell Hardness
ASTM E18
ASTM F606/F606M
ASTM A194/A194M
ISO 898-1
ISO 898-2
DIN 267-4 (1983)
(50 to 90) HRBW
(26 to 60) HRC

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M103 Vickers Hardness
ASTM E92
ASTM E384
ASTM F606/F606M
ISO 898-2
DIN 267-4 (1983)

P3, total 4 pages



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(200 to 600) HV 0.3
> 600 HV 0.3
(200 to 600) HV 5
> 600 HV 5
(200 to 600) HV 10
> 600 HV 10
(200 to 600) HV 30
> 600 HV 30

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M103 Decarburization Depth Measurement in Fasteners (Hardness Method)
ISO 898-1
ASTM F2328 (less than 40 TPI)

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M153 Surface Discontinuities of External Threaded Fasteners
ASTM F788 (Exclude Sec. 6.5.1.4)

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

M153 Surface Discontinuities of Internal Threaded Fasteners
ASTM F812 (Exclude Sec. 6.2.5, 7.1)

Approval Signatory: WANG, Mei-Yun; WU, Jui-Ming; CHEN, Min-chao; TSAI, Ching-Fu

(Null below)