



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

Certificate of Accreditation

(Certificate No : L0476-240621)

This is to certify that

Yieh Phui Enterprise Co., Ltd.

Testing and Measurement Laboratory

No. 369, Yuliao Road, Qiaotou District, Kaohsiung City 82544, Taiwan (R.O.C.)

is accredited in respect of laboratory

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

Accreditation Number : 0476

Originally Accredited : November 01, 1998

Effective Period : June 21, 2024 to June 20, 2027

Accredited Scope : Testing Field, see described in the Appendix



Scan to verify

Yi-Ling Chen

Yi-Ling Chen
President, Taiwan Accreditation Foundation
June 21, 2024

Accreditation Number : 0476

Laboratory Head : HUANG, Jui-Yuan

01. 01 Metals and Alloys Products

Carbon Steel

C001 Elemental Analysis

CNS 10006

JIS G1253

ASTM E415

C: (0.0200 to 1.100) %

Si: (0.026 to 0.900) %

Mn: (0.022 to 2.00) %

P: (0.0060 to 0.0400) %

S: (0.0024 to 0.0400) %

Ni: (0.0060 to 1.990) %

Cr: (0.0070 to 1.480) %

Mo: (0.0070 to 1.280) %

Al: (0.0060 to 0.100) %

Ti: (0.0010 to 0.1730) %

B: (0.0004 to 0.0049) %

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M101 Rockwell/Rockwell Superficial Hardness

CNS 2114

JIS Z2245

ISO 6508-1

ASTM E18

(40 to 100) HRBW

(74 to 86) HR15TW

(57 to 83) HR30TW

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

01. 01 Metals and Alloys Products

Metals Coated Products

C057 Solvent Resistance Tests

ASTM D5402 (Method A)

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M004 Impact Test (Du-Pont Method)

CNS 10757

JIS K5600-5-3

ASTM D2794

ISO 6272-1: 2011 (Exclude Sec. 7.3)

CNS 10804

CNS 15298

CNS 15299

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

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



M005 Bend Test
ISO 1519 (Type-2 Mandrel Tester)
CNS 10804
CNS 15298
CNS 15299
JIS G3312
ASTM D4145

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M009 Measurement of Dry Film Thickness of Nonmagnetic Coatings
ASTM D7091
ISO 2808 (Method 7C)
(11.5 to 247) μm

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M012 Salt Spray
Neutral Salt Spray Test:
CNS 8886
CNS 11607
JIS Z2371
ASTM B117
ISO 9227
CASS Test: (Testing Site1)
CNS 8886
JIS Z2371
ISO 9227

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan
Testing Site: 1.Location: No. 369, Yuliao Road, Qiaotou District, Kaohsiung City 82544;
2.Location: No. 6, Gongye 6th Road, Pingtung City 90049, Taiwan

M022 Accelerated Ageing
ASTM G154 (Exclude UVA-351)
CNS 15200-7-7 (Exclude UVA-351, Method B)

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M042 Humidity Resistance
ASTM D2247
JIS K5600-7-2
CNS 11607

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M043 Gloss Test
ASTM D523
JIS K5600-4-7
CNS 10756-1
ISO 2813

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan



M044 Blister Degree Evaluation

ASTM D714

ISO 4628-2

ASTM D714:

Blister Size: 2, 4, 6, 8

Frequency: D, MD, M, F

ISO 4628-2:

Blister Size: S2, S3, S4, S5

Density: 2, 3, 4, 5

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M045 Color Difference

ASTM D2244

ISO 7724-3

CIELAB Scale of Illuminant D65, A, C

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M048 Adhesion Test

CNS 10757

CNS 10804

CNS 15298

CNS 15299

JIS K5600-5-6

ASTM D3359

ISO 2409

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M049 Film Hardness by Pencil Test

CNS 10757

CNS 10804

CNS 15298

CNS 15299

JIS K5600-5-4

ASTM D3363

ISO 15184

6B to 6H

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M104 Corrosion Cycle Test

CNS15200-7-8

ISO11997-1

Cycle A, B, C, D

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan



01. 01 Metals and Alloys Products

Hot-Dip Zinc, Hot-Dip 5 %Al-Zn, Hot-Dip 55 %Al-Zn Coated Steel Sheets and Coils

C074 Chromium VI

IEC 62321-7-1

CNS15050

IEC 62321-7-1:

Negative: $< 0.10 \mu\text{g}/\text{cm}^2$

Positive : $> 0.13 \mu\text{g}/\text{cm}^2$

Inconclusive: $\geq 0.10 \mu\text{g}/\text{cm}^2$ and $\leq 0.13 \mu\text{g}/\text{cm}^2$

CNS 15050:

Negative $< 0.02 \text{ mg}/\text{kg}$ with 50 cm^2

Positive $\geq 0.02 \text{ mg}/\text{kg}$ with 50 cm^2

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

M010 Coating Weight

CNS 1247 (Indirect Method)

JIS H0401 (Indirect Method)

ISO 1460

AS 2331.2.1 (Method A)

ASTM A90/A90M

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

01. 01 Metals and Alloys Products

Plate-Type Metal Tension Test Specimens

M002 Tension

CNS 2111

JIS Z2241

ASTM E8/E8M

AS 1391

ISO 6892-1

980 N to 98 kN (100 to 10000) kgf

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

Testing Site: 1.Location: No. 369, Yuliao Road, Qiaotou District, Kaohsiung City 82544;

2.Location: No. 6, Gongye 6th Road, Pingtung City 90049, Taiwan

01. 01 Metals and Alloys Products

Metals Products

M005 Bending Test

CNS 3941: 2019 (Exclude Sec. 6.1)

JIS Z2248: 2022 (Exclude Sec. 6.2)

JIS G3302

ISO 7438: 2020 (Exclude Sec. 6.2)

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

05. 01 Coatings, Printing Ink and Pigments

Liquid Coatings

C044 Viscosity

CNS 9725: 1996 2.5.4

ASTM D1200

No.4 Ford Cup, (20 to 600) s at 25°C , 20°C

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

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05. 01 Coatings, Printing Ink and Pigments

Coatings

C056 Heating Residue

CNS 10880-1

JIS K5601-1-2

Testing Temperature: 105 °C, 150 °C

(10 to 90) %

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

05. 01 Coatings, Printing Ink and Pigments

Liquid Coatings

M028 Density/Specific Gravity

CNS 9725: 1996 Sec. 2.6.2

JIS K5600-2-4

Specific Gravity: 1.0 to 2.5

Approval Signatory: SHIH, Chih-Pin; CHANG, Tony; CHEN, Ping-Hua; HUANG, Jui-Yuan

(Null below)

