



證書編號：L0715-181026

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

# 認 證 證 書

茲證明

中鋼碳素化學股份有限公司

品質管制實驗室

高雄市小港區中林路 42 號

為本會認證之實驗室

認 證 依 據：ISO/IEC 17025：2005

認 證 編 號：0715

初 次 認 證 日 期：九十一年四月十五日

認 證 有 效 期 間：一百零七年八月二十三日至一百一十年八月二十二日止

認 證 範 圍：測試領域，如續頁

董事長

王聰麟



中華民國一百零七年十月二十六日



證書編號：L0715-181026

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

認證編號：0715

實驗室主管：徐斌哲

02.99 礦物類

介相碳微球、介相石墨碳微球

C002 平均粒徑

參考 ISO 13320、JIS R 1629 自訂作業程序

文件編號: D3-S-770

(5 to 80)  $\mu\text{m}$

報告簽署人: 徐斌哲; 常睿恩; 許文音

04.09 石油及相關產品

煤焦油, 雜酚油, 瀝青

C001 鈉, 鉀

參考 ASTM D5808 自訂作業程序

文件編號: D3-S-701

鈉: (0.5 to 7.5) ppm

鉀: (0.5 to 7.5) ppm

報告簽署人: 徐斌哲; 常睿恩; 許文音

04.09 石油及相關產品

煤焦油, 瀝青

C078 奎林不溶物分析

ASTM D7280

文件編號: D3-S-773

質量成分: (0.1 to 10) % (w/w)

報告簽署人: 徐斌哲; 常睿恩; 許文音

04.09 石油及相關產品

苯, 甲苯

C105 總硫含量

ASTM D5623

文件編號: D3-S-756

S: (0.13 to 30) ppm

報告簽署人: 徐斌哲; 常睿恩; 許文音





證書編號：L0715-181026

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

04.09 石油及相關產品

雜酚油, 輕油, Naphthalene

C105 總硫含量

ASTM D5453

文件編號: D3-S-729

硫: (500 to 5000) ppm

報告簽署人: 徐斌哲; 常睿恩; 許文音

04.09 石油及相關產品

煤焦油, 輕油, 苯

C106 總氣含量

參考 ASTM D3682 自訂作業程序

文件編號: D3-S-708

氣: (0.50 to 30) ppm

報告簽署人: 徐斌哲; 常睿恩; 許文音

04.09 石油及相關產品

苯

C170 塞吩含量

ASTM D5623 sec. 10

文件編號: D3-S-756

(0.29 to 5) ppm

報告簽署人: 徐斌哲; 常睿恩; 許文音

04.09 石油及相關產品

瀝青

M052 Mettler 軟化點

ASTM D3104

文件編號: D3-S-753

(50 to 120) °C

報告簽署人: 徐斌哲; 常睿恩; 許文音

(以下空白)





Certificate No. : L0715-181026

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

## Certificate of Accreditation

This is to certify that

**China Steel Chemical Corporation**  
**Quality Control Laboratory**

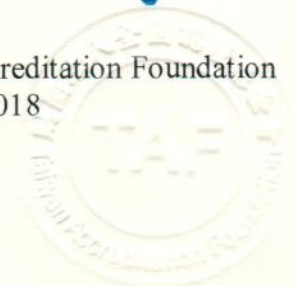
No.42, Chung-Lin Road, Hsiao Kang, Kaohsiung 812, Taiwan, R. O. C.

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025:2005  
**Accreditation Number** : 0715  
**Originally Accredited** : April 15, 2002  
**Effective Period** : August 23, 2018 to August 22, 2021  
**Accredited Scope** : Testing Field, see described in the Appendix

*Chung-Lin Wang*

Chung-Lin Wang  
President, Taiwan Accreditation Foundation  
Date : October 26, 2018





Certificate No. : L0715-181026

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

Accreditation Number : 0715

Laboratory Head : HSU, Pin-Che

02. 99 Minerals

Green Mesophase Powder, Mesophase Graphite Powder

C002 average particle size

In-House Method In Accordance With ISO 13320, JIS R 1629

Document No.: D3-S-770

(5 to 80)  $\mu\text{m}$

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin

04. 09 Petroleum and Related Materials

Coal Tar, Creosote Oil, Coal-tar Pitch

C001 Na, K

In-House Method In Accordance With ASTM D5808

Document No.: D3-S-701

Na: (0.5 to 7.5) ppm

K: (0.5 to 7.5) ppm

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin

04. 09 Petroleum and Related Materials

Coal Tar, Coal-tar Pitch

C078 Quinoline Insoluble Content

ASTM D7280

Document No.: D3-S-773

Mass fraction: (0.1 to 10)% (w/w)

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin

04. 09 Petroleum and Related Materials

Benzene, Toluene

C105 Sulfur

ASTM D5623

Document No.: D3-S-756

S: (0.13 to 30) ppm

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin





Certificate No. : L0715-181026

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

04. 09 Petroleum and Related Materials  
Creosote Oil, Light Oil, Naphthalene  
C105 Sulfur  
ASTM D5453  
Document No.: D3-S-729  
S: (500 to 5000) ppm

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin

04. 09 Petroleum and Related Materials  
Coal Tar, Light Oil, Benzene  
C106 Chlorine  
In-House Method In Accordance With D3682  
Document No.: D3-S-708  
Cl: (0.50 to 30) ppm

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin

04. 09 Petroleum and Related Materials  
Benzene  
C170 Thiophene Content  
ASTM D5623 sec. 10  
Document No.: D3-S-756  
(0.29 to 5) ppm

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin

04. 09 Petroleum and Related Materials  
Pitch  
M052 Mettler Softening Point  
ASTM D3104  
Document No.: D3-S-753  
(50 to 120) °C

Approval Signatory: HSU, Pin-Che; CHANG, Rui-En; HSU, Wen-Yin

(Null below)



P3, total 3 pages