



**KUANG TAI METAL  
INDUSTRIAL CO., LTD.**



**KUANG TAI**

# Introduction

- Established 1978 in Taiwan.
- Specialist in wire drawing – carbon steel, stainless steel, nickel alloy & copper alloy.
- Welding consumables manufacturer .
- Stainless Steel Wire manufacturer.



**KUANG TAI**

# Kuang Tai Group Members

## □ TAIWAN

- ✓ Kuang Tai Metal Industrial, located KuanTien of Tainan Hsien
- ✓ Kuang Tai Metal Industrial, located at Luhju of Kaohsiung Hsien

## □ VIETNAM

- ✓ Kuang Tai Metal, located at Ho Chih Minh



**KUANG TAI**

# Products

## □ Welding Products

- ✓ Carbon & Alloy Steel
- ✓ Stainless Steel
- ✓ Nickel Alloy
- ✓ SMAW
- ✓ GMAW
- ✓ GTAW
- ✓ SAW
- ✓ FCAW



# Production Plants

## Taiwan

- Kuang Tai Metal Industrial Co. Ltd.  
KuanTien of Tainan, Hsien
  - Carbon Steel-2,000MT/Month
    - ✓ MIG/TIG/SAW/Non-Welding Wires
  - SS & Nickel alloy-2,400 MT/Month
    - ✓ MIG/TIG/SAW/Non-Welding Wires
- Kuang Tai Metal Industrial Co. Ltd.  
Kaohsiung Hsien
  - Copper Free CO2 MIG (NCC)
  - Flux Cored Wires
    - ✓ Stainless Steel
    - ✓ Mild Steel
    - ✓ Hard-Facing

## Vietnam

- Kuang Tai Metal (Vietnam) Co., Ltd.
  - ✓ CO2 MIG Wire: 600 MT/Month
  - ✓ SUB-ARC Wire: 100 MT/Month
  - ✓ Stick Electrodes: 300 MT/Month
  - ✓ MS FCW : 100 MT/Month



**KUANG TAI**

# Approvals



**Welding Consumable Certificate**

Certificate No.: 421208995.61  
 PWT - Goshima, Japan  
 Date: 18 September 2009

**THIS IS TO CERTIFY**

THAT THE UNDERSIGNED SURVEYOR TO THIS BUREAU, AT THE REQUEST OF KUANG TAI METAL INDUSTRIAL CO., LTD., ATTEND THEIR PLANT AT TAINAN HSIEN, TAINAN CO., ON THE 16th DAY OF AUGUST 2009 AND ON SUBSEQUENT DATES, IN ORDER TO CARRY OUT A PLANT SURVEY OF FACILITIES AND ASSOCIATED QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES AND TO VISIT AND REPORT ON THE ANNUAL APPROVAL TESTING OF WELDING CONSUMABLES AND:

THAT THE FACILITY IS CONSIDERED CAPABLE OF PRODUCING AN ACCEPTABLE UNIFORM PRODUCT, AND THAT SUCH WELDING CONSUMABLES LISTED BELOW ARE FOUND IN CONFORMANCE WITH THE SPECIFICATION INDICATED AND IS ELIGIBLE TO BE PLACED ON THE BUREAU'S APPROVED WELDING CONSUMABLES LIST IN THE WIG-GAS COMBINATION SECTION.

GRADE	DESIGNATION	GRADE	TENSILE	ELONGATION	YIELD STRENGTH
W602	W602M + 2% C02	W602M	ALL V300W	30%	440-530
W604	W604M + 2% C02	W604M	ALL V300W	30%	440-530
W606	W606M + 2% C02	W606M	ALL V300W	30%	440-530
W608	W608M + 2% C02	W608M	ALL V300W	30%	440-530
W610	W610M + 2% C02	W610M	ALL V300W	30%	440-530
W612	W612M + 2% C02	W612M	ALL V300W	30%	440-530
W614	W614M + 2% C02	W614M	ALL V300W	30%	440-530
W616	W616M + 2% C02	W616M	ALL V300W	30%	440-530
W618	W618M + 2% C02	W618M	ALL V300W	30%	440-530
W620	W620M + 2% C02	W620M	ALL V300W	30%	440-530

NOTE: THIS CERTIFICATE IS VALID UNTIL 12 DECEMBER 2010.



**DET NORSKE VERITAS**

**TYPE APPROVAL CERTIFICATE**

CERTIFICATE NO. W-2084  
 This Certificate consists of 2 pages

This is to certify that the  
**Flux Cored Wire/Gas combination**

with trade name  
**KFX-71TCl**

Manufactured by  
**Kuang Tai Metal Ind. Co. Ltd.**  
 Tainan Hsien 72042, Taiwan

is found to comply with  
**DET NORSKE VERITAS RULES FOR CLASSIFICATION P1.2**

with this approval

Grade: III YMS  
 Current: DC(-)  
 Position: All Incl. vertical downwards.

Place and date  
 Tainan, 2009-09-13  
 for DET NORSKE VERITAS AS  
 Head of Section

This Certificate is valid until  
 2012-11-31

Local Office  
 DNV Kvalitet  
 Gey Nish  
 Surveyor

MARINE DIVISION  
 1166 Place de France, 12 Avenue 2  
 68000 Colmar - France  
 Tel: 33 3 83 31 31 31  
 Fax: 33 3 83 31 31 31  
 www.dnv.com

Certificate number: 09-12800413  
 File number: 128004

**TYPE APPROVAL CERTIFICATE**  
 for Solid Wire/Gas Combination

The certificate is issued to  
**KUANG TAI METAL INDUSTRIAL CO., LTD.**  
 Tainan Hsien - 720042

for the purpose  
**Solid Wire / Gas Combination for Semi-Automatic or Automatic Welding**

Designation: KFX-71TCl + 2% CO2  
 Wire: KFX-71TCl  
 Description: Flux Cored Wire 0.8% + 100% CO2  
 Diameter: 0.8, 1.0, 1.2 mm  
 Shielding gas: CO2  
 Welding position: All positions for full welding including vertical downwards (PA, PB, PF, PC, PE) (except for vertical fillet weld 45° PA)  
 Strength: 440

This certificate is valid until: 31 Sep 2010

Head Office: DET NORSKE VERITAS  
 1166 Place de France, 12 Avenue 2  
 68000 Colmar - France  
 Tel: 33 3 83 31 31 31  
 Fax: 33 3 83 31 31 31  
 www.dnv.com

Local Office: DET NORSKE VERITAS  
 Gey Nish  
 Surveyor



**JAPANESE INDUSTRIAL STANDARD**  
**日本工業規格**  
**適合性認証書附属書 (1/1)**  
 (認証番号: TC TW 08 003)

・認証に係る加工業者の名称 数量及び加工方法が異なるVPG認証のソッドワイヤ

・認証の範囲: 次による

ワイヤの種類	メーカー名	加工適用規格
Y0R11	東亜製鉄(S20)	加工適用規格
Y0R12	神戸製鋼(0.8%CO2)	東亜製鉄(S20)
Y0R13	東亜製鉄(S20)	東亜製鉄(S20)
Y0R14	東亜製鉄(S20)	東亜製鉄(S20)
Y0R15	東亜製鉄(S20)	東亜製鉄(S20)
Y0R16	東亜製鉄(S20)	東亜製鉄(S20)
Y0R17	東亜製鉄(S20)	東亜製鉄(S20)
Y0R18	東亜製鉄(S20)	東亜製鉄(S20)
Y0R19	東亜製鉄(S20)	東亜製鉄(S20)

・認証マーク等の表示: 次による

- 認証マークは、単体とし、直径 10mm 以上の大きさで表示する。
- 認証マークは、製品に、製造元、材料試験センターの番号及び認証番号として、TC TW 08 003 を表示する。
- 日本工業規格の番号及び規格番号を示す。

・対応事項の表示: 次による

- 認証取得製造業者の名称又は商号
- 直径又は規格
- 寸法
- 強度又は質量
- 要求される安全警告の警告文

・表示の方法: 次による

認証マーク等の表示は、製品にスチールバックのごとくラベルを貼り付け、外装に印刷する。

2009年9月24日  
 有効期限: 2011年9月25日

認証法人 材料試験センター  
 土師研究室 菅野 和吉



Thank You!



KUANG TAI