



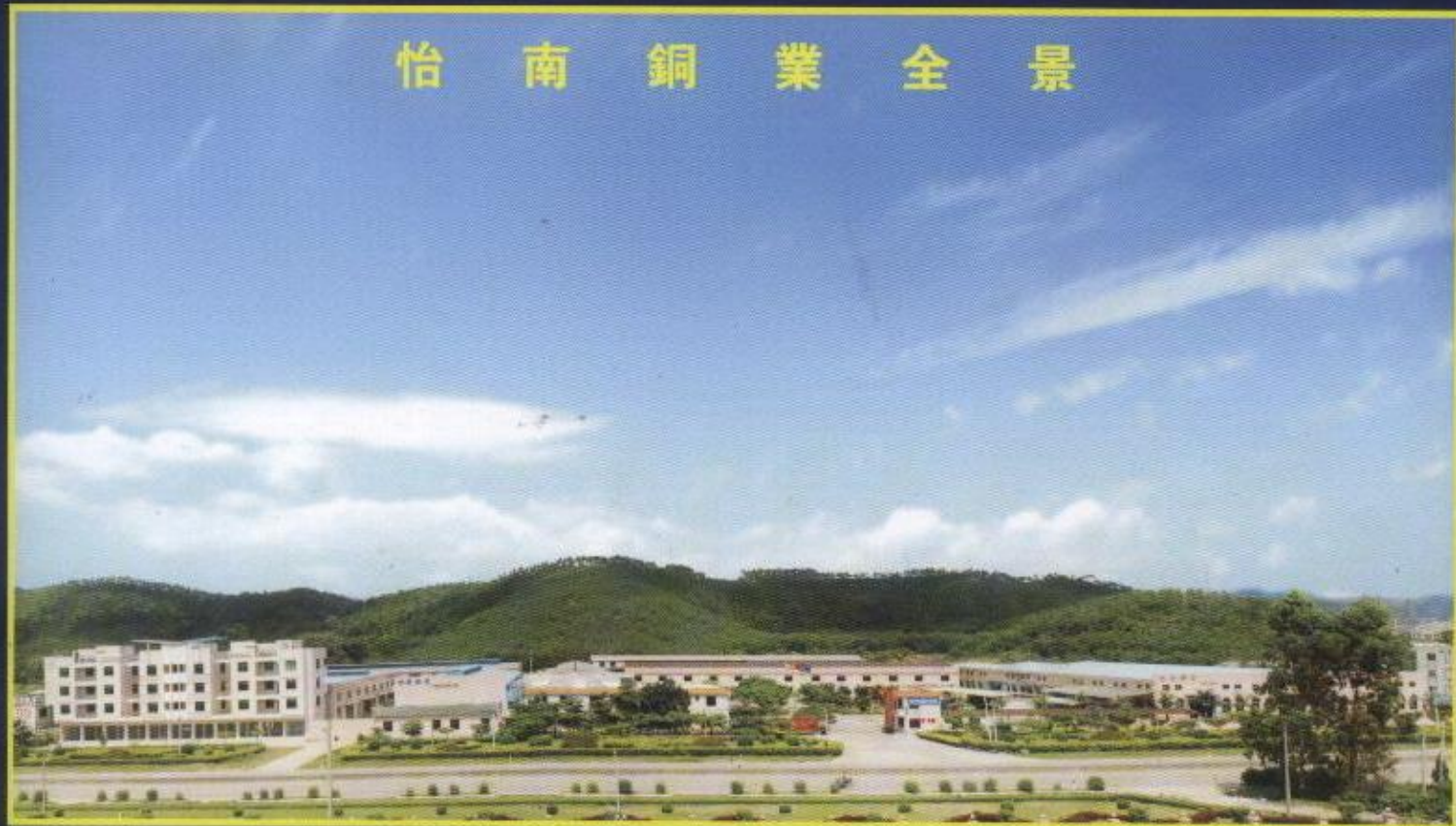
佛山市南海區怡南有色金屬型材廠

FOSHAN NANHAI YINAN NON-FERROUS METAL PROFILE PLANT

高要市怡南銅業有限公司

YINAN COPPER (GAOYAO) CO., LTD

## 怡南銅業全景



本企業已通過ISO9001:2000國際質量管理體系認證



## 公司簡介

佛山市南海區怡南有色金屬型材廠（原南海市平洲有色金屬型材廠）成立於1993年，以生產綫切割放電用電極絲、青銅綫、特種銅合金綫、銅錠銅閥門、鍍銅制品、錫青銅管棒、易切削銅管棒、焊接式、螺壓式來去水銅管件、鑄造銅鋁合金件、銅螺絲、銅制品綜合性中型企業。企業占地面積13000平方米，建築面積13500平方米，年產各種銅材料、金屬制品8000噸。通過近十年的努力，各類生產設備一應俱全，技、工、檢齊全，具有開發有色金屬新材料的能力。

1997年通過與香港公司強強聯合、產銷互補、前店後廠的產銷模式，優勢結合。引進整廠生產設備，生產工藝，投入批量生產高技術產品：綫切割放電用電極絲，年產量達到3000噸，使企業有長足發展，使出口產品和內銷更具競爭力。

高要市怡南銅業有限公司成立於2003年，由深圳搬遷至廣東省肇慶高要市白諸鎮。公司占地面積25000平方米，建築面積18000平方米，交通方便，位於324國道旁，廣梧高速公路白諸出入口1公里處，離國家風景區肇慶星湖景區20公里。

公司主要產品：銅合金綫材、有色金屬鑄造、冶金加工設備的設計和制造。聯合拉拔機組為廣東首創，是生產易切削材料最先進的加工機械。同時可為客戶提供綫切割放電用電極絲整廠技術、商標、銷售一條龍服務與合作。

## Company Profile

Foshan Nanhai Yinan Non-ferrous Metal Profile Plant (former Nanhai Pingzhou Nonferrous Metal Profile Plant) was established in 1993. It is a comprehensive enterprise mainly manufacturing EDM brass wire, bronze wires, special copper-alloy wires, copper ingots, copper valves, beryllium copper bronze produces, tin bronze rods and pipes, easy-to-cut copper rods and pipes, welding, press-type copper water pipes, cast copper and aluminum pieces, copper screws and copper produces. The company occupies an area of 13,000 square meters, and has 13,500 square meters of factory buildings, outputting 8000 tons of various copper materials and metal products per year. Through ten year's efforts, we now have all necessary manufacturing facilities and technological, producing an testing people, capable of developing new nonferrous metal materials.

In 1997, the company started cooperating with Hong Kong company, carrying out the production and sales integration, realizing combination of advantages. Introducing in entire factor facilities and techniques for batch producing of hightech product, we have the production capacity of 3000 tons per year. The company has been growing fast, with products being more competitive at home and abroad.

Yinan Copper (Gaoyao) Co., Ltd was established in the 2003. It was moved from Shenzhen to Baizhu Town, Gaoyao City. The company occupies an area of 25,000 square meters and 18,000 square meters of buildings. It is located by the National Highway 324, 1 kilometer from Baizhu Entrance of Guang-Wu Expressway, 20 kilometer from the Star Late Scenic Spot of Zhaoqing, enjoying convenient transportation.

The company is mainly engaged in design and manufacture of copper-alloy wires, non-ferrous metal casting and metallurgical facilities. We were the first in Guangdong Province to create a combined drawing machine set, which is a most advanced processing machine to produce easy-to-cut materials. Besides, we are capable of providing customers with complete sets of services and cooperation projects of line-cutting electrode for factory, technology, trademark and sales.





## 綫切割放電用鍍鋅合金電極絲

ZINC ALLOY ELECTRODE WIRES FOR EDM

專利號: 200520061757.8



中國 (GB) 標準 日本 (JIS) 標準 德國 (DIN) 標準  
Chinese standard (GB) Japanese standard (JIS)  
Germany standard (DIN)  
綫軸的規格: 3KG、5KG、6.5KG、10KG、15KG

## 綫切割放電用電極絲

ELECTRODE WIRES FOR EDM



佛山市南海區怡南有色金屬型材廠

YINAN NON-FERROUS METAL PROFILES FACTORY, NANHAI, FOSHAN

高要市怡南銅業有限公司

YINAN COPPER GAOYAO CO., LTD.

[Http://www.toppo.com.cn](http://www.toppo.com.cn)

本企業已通過 ISO9001:2000 國際質量管理體系認證

## 聯合生產

COOPERATE TOGETHER

電話 Tel: 0757-86784383 (總機轉 76、73) 86760603

傳真 Fax: 0757-86777829

地址: 廣東省佛山市南海區平洲平南工業區

Add: Pingnan Industrial Zone, Pingzhou, Nanhai District, Foshan City, Guangdong Province

郵編 POST: 528251





怡南銅業  
TOPPO COPPER



[Http: //www.toppo.com.cn](http://www.toppo.com.cn)

**强度高：**本公司生產電極絲選用優質原材料和微量多元素銅合金。採用先進的設備和連續生產工藝，24小時爐前跟踪化驗，從而保證化學成份的穩定和最佳的抗拉強度。

**High strength:** The company utilizes quality raw materials and multi-element copper alloy to produce electrodes. Advanced facilities and continuous manufacturing techniques as well as 24-hour pre-furnace trace testing are adopted to guarantee stable chemical composition and optimized tensile strength.

**精度高：**先進的檢測設備，加上全部採用目前國外最先進的全自動伸綫機、連續退火生產綫、模具、潤滑劑到全套生產工藝。從而確保精度、強度可以達到1000N/m<sup>2</sup>，綫徑公差控制在±0.001mm以內，垂直度好，可以達到98%以上，廣泛適用於各國不同型號的慢走絲切割機床。表面質量好，精度高，可以達到效率高，不返粘效果。

**High precision:** Advanced testing instrument, together with the entire manufacturing techniques combining the latest fully automatic wire-stretching machines, continuous annealing lines, molds and lubricants, guarantees precision, 1000N/m<sup>2</sup> strength, wire diameter tolerance within +/-0.001mm, good vertical exceeding 98% good surface quality, high precision, high efficiency and non-sticking.

**嚴格的檢測制度：**本公司擁有先進化學分析儀、物理檢測設備。嚴密的ISO9001:2000質量管理體系和嚴格產品檢測制度，確保產品化學成份穩定和最佳的抗拉強度，優良的表面質量。從而確保產品質量優良。

**Strict inspection and testing systems:** Our company has advanced chemical analyzers and physical inspection and testing facilities. Our strict quality control systems followed ISO9001:2000 and strict product inspection and testing systems ensure stability of chemical composition and optimized tensile strength, excellent surface and overall product quality.

**合理的價格：**本公司多元化產品，專鑄銅材的開發利用，給客戶帶來無比的方便，同時也帶來了配合銅材質優與價廉的理念。我們不想改變人們對價廉無好貨的觀點，但求一切為了產品質量！

**Reasonable price:** The company has diversified products, focusing on development and application of copper materials. We bring customers application convenience as well as the concept of affordable high-end copper materials. We do not mean to change people's view that low price comes with inferior goods, but we strive to do everything for product quality!

**良好的服務：**以熱誠、耐心、積極為企業之本，為廣大客戶提供優質的售后跟踪服務。確保客戶一切利益得到保證。

**Excellent service:** With warm heart patience and vigor as the foundation of the enterprise, we provide most customers with quality after-sales services, so as to protect all customer interest.

### 鍍鋅合金電極絲的主要技術指標

Main technology standard of zinc alloy electrode wires for EDM

質別 Quality Sort	企業牌號 Enterprise Type	標準綫徑 Standard Wire Diameter (mm)	抗拉強度 Tensile Strength (N/mm <sup>2</sup> )	破斷荷重 Breaking Load (下段kgf)
硬質材 Hard Material (Y)	ZH-20	0.200	900-980	26.3-30.7 (2.66-3.13)
	ZH-25	0.250	900-980	44.2-48.1 (4.50-4.90)

### H65T 黃銅電極絲的主要技術指標

Main technology standard of H65T copper electrode wires

質別 Quality Sort	企業牌號 Enterprise Type	標準綫徑 Standard Wire Diameter (mm)	抗拉強度 Tensile Strength (N/mm <sup>2</sup> )	破斷荷重 Breaking Load (下段kgf)
硬質材 Hard Material (Y)	T-10	0.100	980-1180	7.70-9.20 (0.78-0.90)
	T-15	0.150	980-1180	17.4-20.6 (1.78-2.10)
	T-20	0.200	980-1180	30.3-37.0 (3.10-3.70)
	T-25	0.250	980-1180	46.1-57.5 (4.69-5.90)
	T-30	0.300	885-1080	62.6-76.3 (6.30-7.70)
軟質材 Soft Material (M)	H-10	0.100	440-520	3.40-4.12 (0.35-0.40)
	H-15	0.150	440-520	7.76-8.22 (0.78-0.80)
	H-20	0.200	440-520	13.8-16.3 (1.40-1.60)
	H-25	0.250	440-520	21.1-25.5 (2.21-2.60)
	H-30	0.300	440-520	31.2-36.7 (3.15-3.70)

**“TOPPO 配合” 電極絲適合各種慢走絲綫切割機床使用**

怡南銅業

諮詢電話:(0757)86784383(總機轉76、73)  
圖文傳真:(0757)86777829