

ZIJIN MINING GROUP CO LTD

GOLD BAR MANUFACTURER IN CHINA

Zijin Mining Group Co Ltd, the largest gold producer in China, has its international headquarters in Fujian Province at Shanghang, which is located 200 km north west of the city of Xiamen.

It has two main gold refining and cast bar manufacturing plants:

Gold Refinery of Zijin Mining Group Co Ltd
(Shanghang, Fujian Province – East China)

Luoyang Zijin Yinhui Gold Refining Co Ltd
(Luoyang, Henan Province – South Central China)

The company's minted bars are manufactured in Xiamen at a factory that is part of Zijin Mining Group Sales (Xiamen) Co Ltd.

Fujian Province, which faces the Strait of Taiwan, has a population of 36 million. Xiamen is on the coast, 600 km north-east of Hong Kong.

ACCREDITATION

Gold Refinery of Zijin Mining Group Co Ltd

2006 London Bullion Market Association (LBMA)
2002 Shanghai Gold Exchange (SGE)

Luoyang Zijin Yinhui Gold Refining Co Ltd

2002 Shanghai Gold Exchange (SGE)

OWNERSHIP

Zijin Mining Group Co Ltd is a state-owned public company.

The major shareholder is Shanghang Minxi Xinghang State-Owned Property Investment Company (28.96%).

The company is listed on the Hong Kong Stock Exchange (2003) and Shanghai Stock Exchange (2006).

RANGE OF GOLD BARS

The company manufactures an extensive range of "standard" and "non-standard" bars.

"Standard" bars are defined as those that are London or Shanghai "good delivery". "Non-standard" bars are all other bars.

Gold Refinery of Zijin Mining Group Co Ltd

Cast: 400 oz, 3000 g, 1000 g

Luoyang Zijin Yinhui Gold Refining Co Ltd

Cast: 3000 g, 1000 g

Zijin Mining Group Sales (Xiamen) Co Ltd

Minted Investment Bars: 12.5 kg, 1000 g, 500 g, 200 g, 100 g, 50 g



Zijin Mining has its international headquarters in Fujian Province at Shanghang.

It is China's largest gold producing company.



The company manufactures Shanghai Good Delivery bars (since 2002) and London Good Delivery bars (since 2006).



It also manufactures an extensive range of investment and decorative bars for the Chinese market.



The factory in Xiamen also manufactures an extensive range of other minted bars with decorative designs and in unusual shapes.

The two refineries also manufacture other cast bars, including unmarked bars, for internal and external entities.

BACKGROUND

Zijin Mining Group Co Ltd, known by this name since 2004, was founded as the Shanghang County Mining Company in 1986, subsequently renamed Fujian Shanghang Zijin Mining Company in 1993, Fujian Zijin Mining Corporation in 2000 and Fujian Zijin Mining Group Company in early 2004.

It focuses on the production of gold, copper, silver and zinc. In addition to being China's largest gold producer since 2005 (90.33 tonnes from its own and external mines in 2012), it is also China's second largest copper miner (216,599 tonnes in 2012).

The company operates mines in 20 provinces in China, including 15 mines that produce gold. The largest gold mine (and the largest in China) is Zijin Shan Gold-Copper Mine (14 km from Shanghang), which has been developed since 1992.

Internationally (since 2005), the company has become involved in the production or exploration of gold through joint-ventures or subsidiaries in 5 countries: Tajikistan, Mongolia, Kyrgyzstan, Australia and Congo (DRC). It also mines other metals in Myanmar, Peru and Russia.

At **Shanghang**, a new gold refinery was opened in 2000. Gold refining had previously taken place at another site since 1993.

At **Luoyang**, the gold refinery has been in operation since the 1980s. It became a subsidiary of Zijin Mining, which owns a 70% shareholding, in 2005.

At **Xiamen**, Zijin Mining Group Sales (Xiamen) Co Ltd was established in 2011, its factory having operated since 2010. In the same year, shops to retail precious metal bars, medallions and jewellery were opened. There are now approximately 25 shops located in Beijing and Shenzhen, as well as in Fujian and Guizhou Provinces and the autonomous region of Xinjiang Uygur.

The gold refinery at Shanghang focuses on the refining of mine doré and semi-refined gold, with plans to refine scrap in the future. Gold refining methods include wet chemical parting and solvent extraction. Annual gold refining capacity: 20 tonnes fine gold.

The gold refinery at Luoyang is reported to have a larger capacity and annual gold output. In addition, gold refining also takes place at two other sites in Shanghang and Luoyang, at sites in Guizhou and Jilin Provinces and in Tajikistan.

Number of employees: 20,000 (Group)

Website: www.zjky.cn/english/ (Group)
www.zijingold.com (Minted bar factory at Xiamen)



Zijin Mining has refined gold in Shanghang since 1993.



The gold refinery in Luoyang was acquired in 2005.



The factory, which manufactures minted bars, was established in Xiamen in 2010.



TECHNICAL DESCRIPTION

Weight	Type	Fineness	Shape	Dimensions mm	Serial Number System	First Issued
London Good Delivery						
400 oz	Cast	999.9	Rectangular	255 x 81 x 37 237 x 57 (base)	6 numbers Plus Year Date	2006
Shanghai Good Delivery						
3000 g	Cast	999.5/999.9	Rectangular	320 x 70	2 Letters Plus 6 numbers	2002
1000 g	Cast	999.5/999.9	Rectangular	115 x 52.5	2 Letters Plus 7 numbers	2002
Investment						
12.5 kg	Minted	999.9	Rectangular	255 x 80 240 x 60 (base)	7 numbers	2012
1000 g	Minted	999.99	Rectangular	113 x 54 96 x 37 (base)	-	2012
500 g	Minted	999.99	Rectangular	83 x 40 70 x 27 (base)	-	2012
200 g	Minted	999.99	Rectangular	59 x 29 49 x 19 (base)	-	2012
100 g	Minted	999.99	Rectangular	51 x 26 42 x 17 (base)	-	2012
50 g	Minted	999.99	Rectangular	45 x 23 39 x 17 (base)	-	2012

Source: Gold Refinery of Zijin Mining Group Co Ltd (Shanghai)

Cast Bars – Serial Numbers

400 oz. 1st two numbers record the year of manufacture (e.g. “13” means “2013”). Next 4 numbers record the serial number within the year.

3000 g. 1st letter records SGE number: “1” = Refinery at Shanghai; “H” = Refinery at Luoyang. 2nd letter indicates gold purity: “X” = 999.9, “Y” = 999.5. 1st two numbers record the year (e.g. “13” means “2013”). Next 4 numbers record the serial number within the year.

1000 g. 1st letter records SGE number: “1” = Refinery at Shanghai; “H” = Refinery at Luoyang. 2nd letter indicates gold purity: “X” = 999.9, “Y” = 999.5. 1st two numbers record the year (e.g. “13” means “2013”). Next 5 numbers record the serial number within the year.



Zijin Mining manufactures Shanghai Good Delivery kilobars in Shanghai and Luoyang.

DISTRIBUTION

While almost all gold is compulsorily converted into good delivery bars for sale on the Shanghai Gold Exchange, the factory in Xiamen manufactures bars for Zijin’s own retail shops, as well as for banks, jewellery retailers and other entities. The gold to do this is normally supplied by the trade customer in the form of bars purchased from the Shanghai Gold Exchange.

The factory also manufactures customized bars for several banks, including:

- Bank of China
- China Merchants Bank of China (CMBC)
- Industrial and Commercial Bank of China (ICBC)
- China Xiamen Bank
- China Shanghai Pudong Bank



Refining gold at the refinery in Shanghai.



EXAMPLES OF SUPPLEMENTARY BARS

Issued progressively since 2010.

Name	Weights	Type	Fineness
CHINESE ZODIAC			
Traditional Shape	1000 g, 500 g, 200 g, 100 g, 50 g, 30 g, 10 g	Minted	999.99
Rectangular	200 g, 100 g, 50 g, 30 g, 10 g	Minted	999.9
Eight-Circles	30 g, 10 g	Minted	999.99
Ancient Money	8 g	Minted	999.9
CULTURAL THEMES			
Round	30 g, 20 g (4)	Minted	999.99
Oval	5 g	Minted	999.99
Rectangular	30 g	Minted	999.99
Bowl	10g (5)	Minted	999
Abacus	88 g	Minted	999.9
FESTIVALS AND CELEBRATIONS			
Round: "Moon & Flowers"	100 g, 1 oz	Minted	999.9
Rectangular: "Moon & Flowers"	100 g, 50 g, 30 g, 20 g, 10 g	Minted	999.9
Badge	100 g	Minted	999.9
Fish	100 g, 50g	Minted	999
WEDDINGS			
Two-Part Bar	99 g (45 g + 45 g + 9 g)	Minted	999.99
Ancient Money	50 g, 5 g	Minted	999.9
REGIONAL			
Round: Fujian – Gutian	98 g, 48 g, 30 g, 20 g, 15 g, 10 g	Minted	999.9
Rectangular: Fujian – Good Future	100 g, 50 g, 30 g, 20 g, 10 g	Minted	999.9
Round: Fujian – World Heritage	45 g, 15 g, 10 g	Minted	999.9

Source: Zijin Mining Group Sales (Xiamen) Co Ltd



Zijin Mining has opened 25 precious metal retail shops in China since 2010.



LONDON GOOD DELIVERY BAR



400 oz



Pouring gold at the refinery in Shanghang.

OFFICIAL STAMP



On cast bars manufactured by Gold Refinery of Zijin Mining Group Co Ltd since 2002.
On "Investment Bars" manufactured by Zijin Mining Group Sales (Xiamen) Co Ltd since 2012.
A certification mark has also been applied to London Good Delivery 400 oz bars since 2006.



SHANGHAI GOOD DELIVERY BARS



3000 g



1000 g



Manufacturing 3000 g bars at the refinery in Shanghang.
The refinery in Luoyang also manufactures Shanghai Good Delivery bars as a separate company. The bars are marked with its own official stamp.



INVESTMENT BARS



Minted "investment" bars were launched in 2012.

Gold purity: 999.99

Range: 12.5 kg, 1000 g, 500 g, 200 g, 100 g, 50 g



12.5 kg

The Chinese script on the "investment" bars refers to "Good Fortune".



EXAMPLES OF SUPPLEMENTARY BARS

CHINESE ZODIAC



Traditional "Year of the Snake" bars.

Gold purity: 999.99

Minted bars: 1000 g, 500 g, 200 g, 100 g, 50 g, 30 g, 10 g



Rectangular "Year of the Snake" bars.

Gold purity: 999.9

Minted bars: 200 g, 100 g, 50 g, 30 g, 10 g



CHINESE ZODIAC



Eight-Circles "Year of the Snake" bars.

Gold purity: 999.99 or 999.9

Minted bars: 30 g (999.99), 10 g (999.9)



Round "Ancient Money" bars.

Gold purity: 999.9

Minted bar: 8 g



CULTURAL THEMES



Range of 5 decorative "Buddha" bars.

Gold purity: 999.99

Minted bars: 30 g plus 4 x 20 g



Rectangular "Buddha" bar that includes a prayer for good fortune.

Gold purity: 999.99

Minted bars: 30 g



FESTIVALS AND CELEBRATIONS



Round "Full Moon & Flowers" bar in shape of a plate.

Gold purity: 999.9

Minted bars: 100 g, 1 oz



Rectangular "Full Moon & Flowers".

Gold purity: 999.9

Minted bars: 100 g, 50 g, 30 g, 20 g, 10 g



WEDDINGS



Wedding bar joins two parts that represent the bride and groom.

Gold purity: 999.99

Minted bars: 99 g (45 g + 45 g + 9 g)



Bars in the shape of ancient Chinese money.

Gold purity: 999.9

Minted bars: 50 g, 5 g



REGIONAL



Round "World Heritage" commemorating a traditional style of building in ancient China.

Gold purity: 999.9

Minted bars: 45 g, 15 g, 10 g



Rectangular bars commemorating the election of Mao Zedong as Chairman of the Communist Party at Gutian in the Fujian Province.

Gold purity: 999.9

Minted bars: 100 g, 50 g, 30 g, 20 g, 10 g



GOLD PRODUCING MINES IN CHINA

Zijin Mining Group manages 15 gold producing mines in China.

Region	Province	Name of Mine
North West	Gansu	Yate Gold Mine
	Shaanxi	Yixingzhai Gold Mine
North East	Jilin	Hungchun Gold-Copper Mine
North	Hebei	Dongping Gold Mine
East	Shangdong	Longkou Jinfeng Gold Mine
	Anhui	Jiaochong Gold Mine
	Fujian	Zijinshan Gold-Copper Mine
South Central	Hubei	Xiaohe Gold Mine
South West	Sichuan	Dongbei Zhai Gold Mine
	Yunnan	Yuanyang Jinzihe Gold Mine
	Yunnan	Malipo Tungsten Mine
	Guizhou	Shuiyindiong Gold Mine
Autonomous Region	Tibet	Xietongmen Xiongkun Gold-Copper Mine
	Inner Mongolia	Bayanhaer Gold Mine
	Guangxi Zhuang	Longsheng Pannei Gold Mine

Source: Zijin Mining Group Co Ltd

GOLD PRODUCING MINES IN OTHER COUNTRIES

Zijin Mining Group manages gold producing mines in 5 other countries. It initiated its international programme in 2005.

Country	Gold Mine or Project
Tajikistan	ZGC Gold Mine
Mongolia	Nari Tolgoi Gold Mine
Australia	NGF Gold Mine
Kyrgystan	Taldy-Bulak Leveoberejny Gold Mine
Congo (DRC)	Misisi Gold Exploration

Source: Zijin Mining Group Co Ltd

ZIJIN MINING GROUP GOLD PRODUCTION

Tonnes

Year	Gold Production	Gold Mined*	Gold Refined#
2008	57.32	28.48	28.84
2009	75.37	30.65	44.72
2010	69.07	29.18	39.89
2011	86.17	28.63	57.54
2012	90.33	32.08	58.25

Source: Zijin Mining Group Co Ltd. *Refers to gold mined in China and internationally. #Refers to the refining of gold-bearing materials supplied by external entities.



The international headquarters of Zijin Mining in Shanghai.

The company manages 20 gold-producing mines in China and internationally.



Zijin Shan Gold-Copper Mine, the largest gold mine in China, is located near Shanghai.



Zijin Shan Gold-Copper Mine produced 16 tonnes of fine gold in 2012.





Xinjiang Ashele Copper Mine
Xinjiang Uygur – Autonomous Region

Zijin Mining is also China's second largest mined copper producer, mining copper in China, Peru and Russia.



The Zijin Shan Gold Mine opened the Zijin Shan Mine Park to the public in 2011.

The park, which includes a large botanical garden, illustrates the commitment of Zijin Mining to operating to a high environmental standard at all of its mine sites.



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World Gold Council

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