METALOR REFINING GROUP
SWITZERLAND – USA – HONG KONG – CHINA – SINGAPORE

METALOR TECHNOLOGIES SA – SWITZERLAND

LOCATION
Metalor Technologies SA, a leading international gold refiner and bar manufacturer, has its headquarters in Neuchâtel, an historical town overlooking Lake Neuchâtel, about 150 km from Zurich.

Most of the Group’s precious metals refining and the manufacture of bars and other products takes place at its refinery in Marin near Neuchâtel.

The company also operates gold refineries in four other countries:

- USA: Metalor Technologies Corporation USA
- Hong Kong: Metalor Technologies (Hong Kong) Limited
- China: Metalor Technologies (Suzhou) Limited
- Singapore: Metalor Technologies Singapore Pte Ltd


The Metalor Group is the only precious metal company to operate major refineries in three geographical zones: Europe, Americas and Asia.

OWNERSHIP
Metalor Technologies SA is a private company. It is owned by the French Private Equity Astorg Partners SA, Swiss bankers and businessmen.

ACCREDITATION
1934* London Bullion Market Association (LBMA)
2007 Tokyo Commodity Exchange (TOCOM)

* Accredited in 1934 to the London Gold Market under the name of Société de Banque Suisse, which owned the original Métaux Précieux refinery. The accreditation functions of the London Gold Market were absorbed by the LBMA in 1987.

Central Office of Precious Metal Control, Berne
Swiss Association of Manufacturers and Traders in Precious Metals

In 2003, Metalor Technologies SA was accredited to the Responsible Jewellery Council.

In 2004, the LBMA appointed Metalor Technologies SA as one of five Referees to the London Good Delivery system.

Metalor Technologies SA also manufactures London Good Delivery platinum, palladium and silver bars. In 2011, the company became a referee of the London Platinum and Palladium Market (LPPM).

BACKGROUND
Metalor Technologies SA traces its origins back to 1852 with the establishment of a watchcase manufacturer and gold smelting company, Martin, de Pury & Cie, which merged with the Bank of Le Locle in 1864.

Metalor has been associated with the refining of gold since 1852.

Metalor has manufactured London Good Delivery 400 oz bars since 1934.

Kilobars are manufactured to a fineness of 995, 999 and 999.9 for the international market.
In 1918, the company was taken over by Swiss Bank Corporation and formally established as a subsidiary under the name of Métaux Précieux SA in 1936.

In 1947, the company’s headquarters were relocated from Le Locle to Neuchâtel where a new precious metals refinery had been built.

In 1978, the company’s name was modified to Métaux Précieux SA Metalor.

In 1986, Usine Genevoise Degrossissage d’Or (UGDO) was acquired. Established in 1875 in Geneva, its 400 oz bars had held London Good Delivery status.

In 1998, when Swiss Bank Corporation merged with Union Bank of Switzerland (UBS), majority ownership was taken over by a group of industrial investors. Its name was modified to Metalor Technologies SA in 2001.

The Group has refined gold in the USA (North Attleboro, Massachusetts) since 1989, in Hong Kong since 1982, in China (Suzhou) since 2006, and in Singapore since 2013.

In 2007, it acquired the gold and silver refinery of Johnson Matthey Hong Kong Ltd.

For the acquisition of scrap, the refineries are supported by evaluation platforms in Lyon (Europe), Los Angeles and Peru (Americas) and Hong Kong (Asia).

In 2012, the Metalor Group was restructured into three main business units: Refining, Advanced Coatings and Electrotechnics. The Group has subsidiaries in 17 countries:

Europe Switzerland, France, Italy, Netherlands, Spain, Sweden, UK
Americas USA, Canada, Mexico, Peru
Far East China, Japan, Singapore, South Korea, Taiwan, Thailand

In addition to gold, the Group refines silver, platinum, palladium and rhodium, producing bars, grains, billets and powders for numerous industrial applications. It produces very high purity fine metals for hi-tech or medical usage. It has a department specifically dedicated to the development of precious metals nanoparticles.

Number of employees: 1,700 (Group)

GOLD SERVICES

Metalor focuses on:

(1) Gold refining and the recycling of scrap
(2) Gold products for the jewellery industry
(3) Gold products for the electronics and decorative industries
(4) Gold bars

GOLD REFINING AND RECYCLING OF SCRAP

The company normally accepts the following gold-bearing materials for refining to specified purities up to 999.9:

- Semi-refined bullion
- Mine doré: predominantly gold
- Mine doré: predominantly silver
- Loaded carbon
- Old jewellery
Gold refining methods include wet chemical chlorination (aqua regia) and electrolysis.

Annual gold refining capacity is recorded at approximately 650 tonnes worldwide.

GOLD BARS

A standard range of 6 cast and 4 minted bars:

**Cast:** 400 oz, 1000 g, 500 g, 250 g, 100 g, 10 tola

**Minted:** 100 g, 50 g, 20 g, 1 oz

### TECHNICAL DESCRIPTION

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type</th>
<th>Fineness</th>
<th>Shape</th>
<th>Dimensions mm</th>
<th>First Issued</th>
<th>Serial Number System</th>
<th>System Introduced</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 oz</td>
<td>Cast</td>
<td>995+, 999.9</td>
<td>Rectangular</td>
<td>245 x 87 x 42, 213 x 50 (base)</td>
<td>1934</td>
<td>6 numbers Plus year date</td>
<td>1978 2001</td>
</tr>
<tr>
<td>1000 g</td>
<td>Cast</td>
<td>995, 999.9</td>
<td>Rectangular</td>
<td>117 x 52 x 9</td>
<td>1965</td>
<td>Letter Plus 6 numbers</td>
<td>1991</td>
</tr>
<tr>
<td>500 g</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>86 x 38 x 8.5</td>
<td>1965</td>
<td>Letter Plus 6 numbers</td>
<td>1991</td>
</tr>
<tr>
<td>250 g</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>58 x 30 x 8</td>
<td>1965</td>
<td>Letter Plus 6 numbers</td>
<td>1991</td>
</tr>
<tr>
<td>100 g</td>
<td>Cast</td>
<td>999, 999.9</td>
<td>Rectangular</td>
<td>45 x 25 x 5</td>
<td>1965</td>
<td>Letter Plus 6 numbers</td>
<td>1991</td>
</tr>
<tr>
<td>10 tola</td>
<td>Cast</td>
<td>999, 999.9</td>
<td>Rectangular</td>
<td>45 x 27 x 6</td>
<td>1960s</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>100 g</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>27.5 x 47.5 x 4.35</td>
<td>2011</td>
<td>6 numbers</td>
<td>2011</td>
</tr>
<tr>
<td>50 g</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>25.7 x 44.2 x 2.65</td>
<td>2011</td>
<td>6 numbers</td>
<td>2011</td>
</tr>
<tr>
<td>20 g</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>24.0 x 41 x 1.25</td>
<td>2012</td>
<td>6 numbers</td>
<td>2012</td>
</tr>
<tr>
<td>1 oz</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>24 x 41 x 1.9</td>
<td>2011</td>
<td>6 numbers</td>
<td>2011</td>
</tr>
</tbody>
</table>

Source: Metalor Technologies SA. All cast bars, with the exception of 400 oz and 10 tola bars, are issued with a numbered certificate.

The company also produces customized bars for external entities.

### HISTORY OF GOLD BAR MANUFACTURE

Bar manufacture dates back formally to 1918 when Swiss Bank Corporation acquired the Bank of Le Locle.

In 1934, London Good Delivery 400 oz bars were issued, the first bars in Switzerland to be recognized by the London Gold Market. From 1934 until 1954, the bars were issued under the name of Société de Banque Suisse. Since 1954 they have been issued with a Metalor-related stamp.

Prior to 1934, "kilobars" with an approximate weight of 1000 g had been introduced. In 1955, when the weight became exactly 1000 g, their dimensions were altered, changing again in 1965.

In 1965, 5 smaller cast bars, whose dimensions have remained the same since that time, were launched: 500 g, 250 g, 100 g, 50 g and 10 oz, followed by 10 tola bars in the 1960s and 5 tael bars in 1981.

The new METALOR® official stamp of Metalor Technologies SA, introduced in 2001, replaced the original stamp of Métaux Précieux SA issued under the name of Metalor Technologies SA since 2001. The official stamp is also applied to bars manufactured by Metalor refineries in the USA, Hong Kong, China and Singapore.
which had been in use since 1952. The same certification mark has been applied since 1988. An earlier mark was issued in 1934, revised in 1952.

Serial numbering systems for cast bars have been applied since 1924 (est), modified in 1951 and 1978. While the system for 400 oz bars has remained unchanged since 1978, a new system for smaller cast bars was introduced in 1991. Although most bars were issued under the name of Swiss Bank Corporation between 1934 and 1998, branded Metalor-related bars were also issued over this period.

Since 2000, most bars have been issued under the name of Metalor, although the company continues to manufacture cast bars for banks and other companies.

Between 1974 and 1998, the company also manufactured minted bars: 100 g, 50 g, 20 g, 10 g, 5 g, 2 g, 1 g; 1 oz and ½ oz (rectangular and round); 1 tael. The round 1 oz and ½ oz bars were launched in 1974, the 10 other minted bars in 1981.

In 2011, however, the company reintroduced a range of 3 minted bars: 100 g, 50 g and 1 oz; followed by 20 g in 2012. In addition to a serial number, each bar is engraved with a DataMatrix code.

The refining of gold to 999.9 purity dates back to around 1924.

TRADE COMMUNICATION

Enquiries by industrial customers to the Refining business unit can be directed to the headquarters of Metalor Technologies SA in Neuchâtel or to its representative offices around the world, whose communication details are recorded on the company’s website:

Headquarters
Metalor Technologies SA
Avenue du Vignoble, CH-2009 Neuchâtel, Switzerland

Website: www.metalor.com

Refining business unit
Metalor Technologies SA
Chemin des Perveuils, CH-2074 Marin, Switzerland

Tel: +41-32-7206 111 Fax: +41-32-7206 602
Email: refining@metalor.com

EXAMPLES OF GOLD BARS

London Good Delivery 400 oz bar.
Metalor launched an innovative range of minted bars in 2011. The company engraves on each bar not only a serial number but also a DataMatrix code, which offers the possibility of recording diverse information relating to the fabrication and origin of the bar.
LOCATION

Metalor Technologies Corporation USA, a leading gold refiner and bar manufacturer in the United States, has its headquarters in North Attleboro, Massachusetts, about 40 miles (65 km) south of Boston.

Gold refining and the manufacture of bars and other precious metal products take place in North Attleboro.

OWNERSHIP

Metalor Technologies Corporation USA is a wholly owned subsidiary of Metalor Technologies SA, whose international headquarters are located in Neuchâtel, Switzerland.

ACCREDITATION

1991    London Bullion Market Association (LBMA)
1992    Tokyo Commodity Exchange (TOCOM)

The company also manufactures London Good Delivery silver bars (since 1991).

Certification

2008    ISO: 9001
2011    Responsible Gold Certificate of the Responsible Jewellery Council (RJC)
2012    Chain of Custody Certification of the Responsible Jewellery Council (RJC)

BACKGROUND

Metalor Technologies Corporation USA has been known by this name since 2001. It was established as Metalor USA Refining Corporation in 1989 by its parent company following the acquisition of the assets of the gold and silver refinery in North Attleboro of Leach & Garner Corporation.

In 1989, Metalor was the first to issue “Kilo Bottles” of granules, widely used in the USA by the jewellery fabrication industry.

In 2001, the company’s name was modified to Metalor Technologies Corporation USA.

In 2011, significant expansion plans are under way to increase gold and silver refining capacity. The refining operations provide the precious metal feedstock for the various value added businesses, notably the Advanced Coatings and Electrotechnics business units.

Apart from gold, the company refines silver, producing bars and other products for the silver industries.

Number of employees: 90

GOLD SERVICES

Metalor Technologies Corporation USA focuses on:

(1) Gold refining and the recycling of scrap
(2) Gold products for the jewellery industry
(3) Gold bars

Kilobars are manufactured to a fineness of 999.9.

Metalor (USA) has manufactured London Good Delivery 400 oz bars since 1991.
GOLD REFINING AND RECYCLING OF SCRAP
The company normally accepts the following gold-bearing materials for refining to specified purities up to 999.99:

- Old jewellery
- Jewellery manufacturers scrap
- Semi-refined bullion
- Mine dore: predominantly gold
- Mine dore: predominantly silver
- Electrolytic slimes derived from silver
- Precipitated gold slimes

Gold refining methods include pyrometallurgical chlorination and electrolysis.

Annual gold refining capacity is recorded at around 150 tonnes.

GOLD BARS
A standard range of 4 cast bars: 400 oz, 100 oz (2) and 1000 g.

GOLD BARS – TECHNICAL DESCRIPTION

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type</th>
<th>Fineness</th>
<th>Shape</th>
<th>Dimensions mm</th>
<th>First Issued</th>
<th>Serial Number System</th>
<th>System Introduced</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 oz</td>
<td>Cast</td>
<td>995+, 999.9</td>
<td>Rectangular</td>
<td>270 x 76 x 44&lt;br&gt;235 x 57 (base)</td>
<td>1989</td>
<td>6-8 numbers</td>
<td>1989</td>
</tr>
<tr>
<td>100 oz</td>
<td>Cast</td>
<td>995, 999, 999.9</td>
<td>Rectangular</td>
<td>156 x 78 x 13&lt;br&gt;154 x 74 (base)</td>
<td>1989</td>
<td>6-8 numbers</td>
<td>1989</td>
</tr>
<tr>
<td>100 oz*</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>112 x 57 x 27&lt;br&gt;109 x 54 (base)</td>
<td>1989</td>
<td>6-8 numbers</td>
<td>1989</td>
</tr>
<tr>
<td>1000 g</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>110 x 54 x 8</td>
<td>1989</td>
<td>6-8 numbers</td>
<td>1989</td>
</tr>
</tbody>
</table>

Source: Metalor Technologies Corporation USA  * 100 oz bars manufactured for COMEX delivery.

Serial numbers
All cast bars. 6-8 numbers record the last two digits of the year (1st/2nd nos), the day of the year on which the bar was manufactured (3rd/4th/5th nos, ranging from 1-365/366) and the bar serial number (6th/7th/8th, ranging from 1-999). For example, “0612662” on a 400 oz bar means it was made in 2006, on the 126th day, the 62nd bar since the bar serial number last reached 999.

HISTORY OF BAR MANUFACTURE
Metalor Technologies Corporation USA issued its standard range of 4 cast bars in 1989: 400 oz, 100 oz (2) and 1000 g.

Historically, the gold refinery, originally owned by Leach & Garner Corporation, had issued bars in weights of 100 oz, 1000 g (1985) and 400 oz (1986).

The official stamp is the same as that used by Metalor Technologies SA. The certification mark is a variation, recording the letters “MUS”, indicating that the bar is manufactured by Metalor’s US company.
TRADE COMMUNICATION
Enquiries by gold dealers and industrial customers should be directed to the company's headquarters in North Attleboro.

Metalor Technologies Corporation USA
255 John L Dietsch Boulevard
North Attleboro
MA 02763
USA
Tel: +1-508-699 8800
Fax: +1-508-695 1603
Website: www.metalor.com

LOCATION
Metalor Technologies (Hong Kong) Limited, a major gold refiner in Hong Kong, has its headquarters in the Hum Hong district.

Gold refining and the manufacture of bars take place at the company's refinery in the Kwai Chung district.

OWNERSHIP
Metalor Technologies (Hong Kong) Limited is a wholly-owned subsidiary of Metalor Technologies International SA, whose headquarters are in Neuchâtel in Switzerland.

ACCREDITATION
2007   London Bullion Market Association (LBMA)

Certification
2011   Responsible Gold Certificate of the Responsible Jewellery Council (RJC)
2012   Chain of Custody Certification of the Responsible Jewellery Council (RJC)

BACKGROUND
Metalor Technologies (Hong Kong) Limited, established in 1974, has refined gold since 2000, when its original refinery was opened in the Aberdeen district in 1986.

In 2007, when the company acquired the assets of the Kwai Chung operations and the gold and silver businesses of Johnson Matthey Hong Kong Ltd, all refining was transferred to the former Johnson Matthey refinery in Kwai Chung.

Johnson Matthey Hong Kong Ltd had refined gold in Kwai Chung since 1993. In 2001, its 400 oz bars were accepted as London Good Delivery by the London Bullion Market Association.

As part of the Metalor Group, the company services the Asia-Pacific region. It also has access to the precious metal products and services offered by the Metalor Group worldwide.

Number of employees: 77
GOLD SERVICES
Metalor Technologies (Hong Kong) Limited focuses on:

1. Gold refining and the recycling of scrap
2. Gold products for the jewellery, electronics and metal surface finishing industries
3. Gold bars

GOLD REFINING AND RECYCLING OF SCRAP
The company normally accepts the following gold-bearing materials for refining to specified purities up to 999.9:

- Semi-refined bullion
- Old jewellery
- Jewellery manufacturers scrap
- Old coins and medals

Gold refining methods include wet chemical chlorination (aqua regia), electrolysis, wet chemical parting, solvent extraction and electric furnace smelting.

Annual gold refining capacity is around 200 tonnes.

GOLD BARS
A standard range of 2 cast bars: 400 oz, 1000 g

TECHNICAL DESCRIPTION

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type</th>
<th>Fineness</th>
<th>Shape</th>
<th>Dimensions mm</th>
<th>First Issued</th>
<th>Serial Number System</th>
<th>System Introduced</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 oz</td>
<td>Cast</td>
<td>995+, 999.9</td>
<td>Rectangular</td>
<td>256 x 85 x 37 230 x 63 (base)</td>
<td>2001</td>
<td>6 numbers Plus year date</td>
<td>2001</td>
</tr>
<tr>
<td>1000 g</td>
<td>Cast</td>
<td>995, 999.9</td>
<td>Rectangular</td>
<td>116 x 52 x 9.5</td>
<td>1993</td>
<td>Letter Plus 5 numbers</td>
<td>1993</td>
</tr>
</tbody>
</table>

Source: Metalor Technologies (Hong Kong) Limited  * Manufactured to order in bulk quantities.

TRADE COMMUNICATION
Enquiries by gold dealers and industrial customers should be directed to the company's headquarters:

Metalor Technologies (Hong Kong) Limited
Suite 1705 Metropolis Tower
10 Metropolis Drive, Hung Hom
Hong Kong

Tel: +852-2521 4131
Fax: +852-2845 1791
Email: sales.hk@metalor.com

Website: www.metalor.com
Metalor Technologies (Suzhou) Limited is located in Suzhou in the province of Jiangsu. Gold refining and the manufacture of bars take place at the company’s refinery in Suzhou Industrial Park.

**OWNERSHIP**

Metalor Technologies (Suzhou) Limited is a wholly-owned subsidiary of Metalor Technologies SA, whose international headquarters are in Neuchâtel in Switzerland.

**ACCREDITATION**

2008   Shanghai Gold Exchange

**Certification**

2004   ISO: 14001
2008   ISO: 9001

**BACKGROUND**

Metalor Technologies (Suzhou) Limited was established in 2001 to manufacture precious metal salts for the electronics and decorative industries.

In 2006, the company commissioned the gold refining process. Its first gold bars were produced in December 2006.

Number of employees: 98

**GOLD SERVICES**

Metalor Technologies (Suzhou) Limited focuses on:

1. Gold refining of mine doré and the recycling of precious metal bearing scraps
2. Gold products for the jewellery, electronics and metal surface finishing industries
3. Gold bars

**GOLD REFINING AND RECYCLING OF SCRAP**

The company normally accepts the following gold-bearing materials for refining to specified purities up to 999.9:

- Semi-refined bullion
- Mine doré
- Old jewellery and industrial wastes
- Jewellery manufacturers scrap
- Old coins and medals

Gold refining methods include chemical refining processes.

Annual gold refining capacity is around 30 tonnes.
GOLD BARS
A standard range of 2 cast bars: 3000 g, 1000 g

On request, non-standard cast bars are also manufactured, including the following weights: 3000 g, 1000 g, 500 g, 50 g, 20 g, 10 g, 30 oz, 10 oz, 5 oz, 2 oz, 1 oz and 1/3 oz.

TECHNICAL DESCRIPTION

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type</th>
<th>Fineness</th>
<th>Shape</th>
<th>Dimensions mm</th>
<th>First Issued</th>
<th>Serial Number System</th>
<th>System Introduced</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000 g</td>
<td>Cast</td>
<td>999.5</td>
<td>Rectangular</td>
<td>320 x 70 x 7</td>
<td>2007</td>
<td>2 letters Plus 7 numbers Plus year date</td>
<td>2007</td>
</tr>
<tr>
<td>1000 g</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>116 x 52.5 x 9</td>
<td>2007</td>
<td>Letter Plus 7 numbers Plus year date</td>
<td>2007</td>
</tr>
<tr>
<td>1/3 oz – 3000 g</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>According to customer's request</td>
<td>2010</td>
<td>According to customer's request</td>
<td>2010</td>
</tr>
</tbody>
</table>

Source: Metalor Technologies (Suzhou) Limited

TRADE COMMUNICATION
Enquiries by gold dealers and industrial customers should be directed to:

Metalor Technologies (Suzhou) Limited
8 Zhao Yang Road,
Suzhou Industrial Park
Jiansu Province
China 215123

Tel: +86 512 6593 6181
Fax: + 86 512 6593 6171
Website: www.metalor.com

CERTIFICATION MARK
On cast bars manufactured by Metalor Technologies (Suzhou) Limited since 2007.

3000 g bars for the gold market in China.
LOCATION

Metalor Technologies Singapore Pte Ltd has its headquarters at the Surface Engineering Hub in the Jurong area of Singapore, 20 km from the city centre.

Gold refining and the manufacture of bars take place at the company’s refinery at the Surface Engineering Hub.

The refinery was officially opened by Mr Lee Yi Shyan, Senior Minister of State for Trade & Industry and National Development in Singapore, in June 2014.

OWNERSHIP

The company is a wholly-owned subsidiary of Metalor Technologies International SA, whose international headquarters are in Neuchâtel in Switzerland.

ACCREDITATION

2014  London Bullion Market Association (LBMA) Certification

In June 2013, the company was certified by the Inland Revenue Authority of Singapore (IRAS) as an approved refiner and producer of Investment Precious Metal.

2013  Chain of Custody Certification of the Responsible Jewellery Council (RJC)
2013  Responsible Gold Certificate of the Responsible Jewellery Council (RJC)

BACKGROUND

The refining and bar manufacturing capability of Metalor Technologies Singapore Pte Ltd was established in 2013 as part of the efforts of the Singapore Government and its agency, International Enterprise Singapore (IE), to position Singapore as one of the world’s major hubs for the physical trading of precious metals.

In 2012, the Inland Revenue Authority of Singapore had laid the ground-work by exempting the import and sale of precious metals, manufactured by LBMA-accredited refiners and other approved entities, from GST (General Sales Tax). GST, first applied to precious metals at 3% in 1994 had grown to 7% by 2012.

The company, the only major gold refiner in Singapore, focuses on serving Metalor Group customers in the South East Asia region.

Number of employees: 41
GOLD SERVICES
Metalor Technologies Singapore Pte Ltd focuses on:

(1) Gold refining of mine doré and the recycling of precious metal bearing scraps
(2) Recycling and upgrade of gold bullion
(3) Gold products for the jewellery, electronics and metal surface finishing industries
(4) Gold bars

GOLD REFINING AND RECYCLING OF SCRAP
The company normally accepts the following gold-bearing materials for refining to specified purities up to 999.9:

- Semi-refined bullion
- Mine doré
- Old jewellery and industrial wastes
- Jewellery manufacturers scrap
- Old coins and medals

Gold refining methods include chemical and electrochemical refining processes.

Annual gold refining capacity: 200 tonnes (target at full production).

GOLD BARS
A standard range of 2 cast bars: 400 oz, 1000 g

TECHNICAL DESCRIPTION

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type</th>
<th>Fineness</th>
<th>Shape</th>
<th>Dimensions mm</th>
<th>First Made</th>
<th>Serial Number System</th>
<th>System Introduced</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 oz</td>
<td>Cast</td>
<td>995+, 999.9</td>
<td>Rectangular</td>
<td>256 x 85 x 37, 230 x 63 (base)</td>
<td>2014</td>
<td>6 numbers Plus year date</td>
<td>2014</td>
</tr>
<tr>
<td>1000 g</td>
<td>Cast</td>
<td>995, 999.9</td>
<td>Rectangular</td>
<td>116 x 52 x 9.5</td>
<td>2013</td>
<td>6 numbers</td>
<td>2013</td>
</tr>
</tbody>
</table>

Source: Metalor Technologies Singapore Pte Ltd

TRADE COMMUNICATION
Enquiries by gold dealers and industrial customers should be directed to:

Metalor Technologies Singapore Pte Ltd
Surface Engineering Hub
8 Buroh Street #01-06
Singapore 627563

Tel: +65-6586 3333
Fax: +65-6863 0102
Email: sales.sg@metalor.com
Website: www.metalor.com

On bars manufactured by the Metalor Group since 2001.

On bars manufactured by Metalor Technologies Singapore Pte Ltd since 2013.

Refining gold in Singapore.
Mr Lee Yi Shyan, Senior Minister of State for Trade & Industry and National Development in Singapore.

Mr Lee Yi Shyan officially opened the Metalor refinery in Singapore in June 2014, cutting the ceremonial ribbon alongside the Swiss Ambassador to Singapore and the Metalor Group’s CEO at that time.

Pouring London Good Delivery 400 oz bars.

Metalor Technologies Singapore Pte Ltd is the only major gold refiner in Singapore.