Solar Applied Materials Technology Corporation (Solartech), a leading manufacturer of precious metal products for the optical and magnetic data storage industry worldwide, has its international headquarters at Tainan Technology & Industrial Park in the city of Tainan.

Gold refining and bar manufacture are currently being transferred from the Kuan-Tien Plant to the company’s largest industrial site, known as Solar Park, 40 km north of Tainan.

Tainan, 250 km south of Taipei, the capital of Taiwan, was the previous capital of Taiwan from the 17th century until 1887. Tainan, renowned for its cultural heritage, is easy to visit, less than two hours by high-speed train from Taipei’s international airport.

The island of Taiwan is 180 km off the Chinese mainland. Population: 23 million.

ACCREDITATION

2010   London Bullion Market Association (LBMA)

RANGE OF GOLD BARS

The company manufactures a standard range of 5 bars.

Cast: 400 oz, 1000 g, 5 tael
Minted: 1 tael, 10 g

Customized bars and medallions are also manufactured for external entities.

BACKGROUND

Solar Applied Materials Technology Corporation (Solartech), known by this name since 1999, was founded as Solar Chemical Co Ltd in 1978.

It is a public company, listed on the Taiwan Stock Exchange since 2005.

The company, which has grown rapidly in recent years, operates four manufacturing sites in the vicinity of Tainan. Apart from the original Kuan-Tien Plant, which was established in 1978, three large manufacturing complexes have been constructed since 2005.

<table>
<thead>
<tr>
<th>Industrial Complex</th>
<th>Establishment Date</th>
<th>Size of Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kuan-Tien Plant</td>
<td>1978</td>
<td>0.7 2</td>
</tr>
<tr>
<td>Tainan Technology &amp; Industrial Park (TTIP)</td>
<td>2005</td>
<td>9.2 23</td>
</tr>
<tr>
<td>Environmental Science &amp; Technology Park (ESTP)</td>
<td>2006</td>
<td>8.1 20</td>
</tr>
<tr>
<td>Solar Park</td>
<td>2009*</td>
<td>15.3 38</td>
</tr>
</tbody>
</table>

*Solar Park to be completed in 2012.
Two large manufacturing complexes have also been established in China, at Kun-Shan (60 km from Shanghai) since 2003.

<table>
<thead>
<tr>
<th>Industrial Complex</th>
<th>Establishment Date</th>
<th>Size of Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>China – Kun-Shan</td>
<td></td>
<td>Hectares</td>
</tr>
<tr>
<td>Kun-Shan Plant I</td>
<td>2003</td>
<td>5.1</td>
</tr>
<tr>
<td>Kun-Shan Plant II</td>
<td>2008</td>
<td>6.6</td>
</tr>
</tbody>
</table>

In addition, the company has opened offices in Hong Kong and USA (2009), and China and Singapore (2011), as well as operating through agents in Asia, Europe, India and Australia.

Solartech focuses on four categories of precious metal products: precious metal chemicals and materials, sputtering targets for thin film applications, specialty chemicals for the automobile industry, and the recycling of precious materials, including gold, silver, platinum, palladium and ruthenium.

For manufacturers of optical and magnetic data storage products such as CDs and DVDs, the company is the world’s largest supplier of sputtering targets.

The Solartech gold refinery processes mine doré (predominantly gold or silver), electrolytic slimes (derived from silver), precipitated gold slimes, old jewellery, electronic scrap, slag and other refining scrap, as well as spent solutions containing resin and other materials.

Gold refining methods include wet chemical chlorination (aqua regia and chlorine gas), wet chemical parting and solvent extraction.

Annual gold refining capacity is approximately 80 tonnes.

The company also manufactures London Good Delivery silver bars (since 2008) and London Good Delivery platinum bars (since 2010).

The Precious Metal Sales Division is based at the company’s TTIP industrial complex in Tainan, while the Precious Metal Management Centre is based in the city of Taichung, 100 km north of Tainan.

Number of employees: 1,197 (Taiwan), 320 (China)

Websites: www.solartech.com.tw
          www.GoldTaiwan.com (Chinese language only)

TECHNICAL DESCRIPTION

<table>
<thead>
<tr>
<th>Weight</th>
<th>Type</th>
<th>Fineness</th>
<th>Shape</th>
<th>Dimensions mm</th>
<th>Serial Number System</th>
<th>First Issued*</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 oz</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>258 x 80 x 39 236 x 56 (base)</td>
<td>2 letters Plus 4 numbers Plus year</td>
<td>2009</td>
</tr>
<tr>
<td>1000 g</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>115 x 50 x 8</td>
<td>1 letter Plus 5 numbers</td>
<td>2010</td>
</tr>
<tr>
<td>5 tael</td>
<td>Cast</td>
<td>999.9</td>
<td>Rectangular</td>
<td>78 x 20 x 5</td>
<td>1 letter Plus 5 numbers</td>
<td>2012</td>
</tr>
<tr>
<td>1 tael</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>29 x 18 x 4</td>
<td>-</td>
<td>2012</td>
</tr>
<tr>
<td>10 g</td>
<td>Minted</td>
<td>999.9</td>
<td>Rectangular</td>
<td>26 x 16 x 1.3</td>
<td>-</td>
<td>2012</td>
</tr>
</tbody>
</table>

Serial Numbering System


1000 g and 5 tael. 1st letter refers to the year of manufacture, starting “A” = 2012, followed by “B” =2013. Plus 5 numbers.

Tael-Denominated Bars in Taiwan

It can be noted that, among bar manufacturers in Taiwan and Hong Kong, the tael weight can vary.

In Taiwan, 1 tael is normally equal to 37.500 g, while in Hong Kong it is normally equal to 37.429 g.

EXAMPLES OF GOLD BARS

Gold refining relies mainly on the wet chemical chlorination process.

London Good Delivery 400 oz bar.

Pouring a 400 oz bar.
Solar Applied Materials Technology Corporation

www.goldbarsworldwide.com

1 tael

5 tael

1000 g

5 taels

1 tael
Solartech manufactures and wholesales an unusual legal tender gold coin, issued in the shape of a bar by São Tomé and Príncipe, a small island nation off the west coast of Africa.

Retailed by a Taiwanese bank at a fixed price, the 10 g coin includes a decorative design that changes each year to depict the zodiac sign in the Chinese Lunar Calendar.

In 2012, the mintage of “Dragon” coins was limited to 10,000. Face value: 1,000 Dobras.
The trading room at the Precious Metal Management Centre in Taichung.

Gold bars can be packed in presentation cases.

Solartech is the world’s largest manufacturer of precious metal sputtering targets used in the production of optical and magnetic data storage disks, such as CDs, DVDs and HDDs.
The recycling of waste water is undertaken in a picturesque environment at Solar Park.

The endangered Black-Faced Spoonbill, which is depicted on Solartech’s official stamp, is a symbol of the company’s commitment to safe-guarding the environment.

There are only about 2,000 in existence, yet a small flock migrates from North Korea to spend the winter months in the nature reserve areas on the company’s 23-acre TTIP site and in the nearby Taijiang National Park.

Painting: Rong Ren Foundation, Tainan