

## OJSC SHELKOVSKY PLANT OF SECONDARY PRECIOUS METALS

SHELKOVO CITY, MOSCOW REGION, CENTRAL  
RUSSIAN FEDERATION

### LOCATION

The **Shelkovsky Plant of Secondary Precious Metals** has its headquarters and gold refinery in Shelkovo city, 13 km north of Moscow.

The company manufactures London Good Delivery 400 oz bars and a standard range of 4 small cast bars:

Cast: 400 oz, 1000 g, 500 g, 250 g, 100 g

### ACCREDITATION

1999\* London Bullion Market Association (LBMA)

\* Although the company was accredited to the LBMA under its own name in 1999, it had previously manufactured London Good Delivery 400 oz bars as a USSR/Russian refinery.

### BACKGROUND

The Shelkovsky Plant of Secondary Precious Metals, known by this name since 1989, traces its origins back to 1941. It had previously been known as the Moscow Plant of Secondary Precious Metals.

The company, founded during the Great Patriotic War (1941-1945), was originally based in a church building in north east Moscow. It has operated from its large plant in Shelkovo city since 1990.

In 1996, it established a new gold refinery. In earlier years it had produced mainly non-standard gold bars for further refining at the Novosibirsk Refinery Plant in Siberia.

The company, which is wholly owned by the Government of the Russian Federation, became an Open Joint Stock Company (OJSC) in 2003. This status means that it is controlled by a Board of Directors and can operate with much flexibility.

Apart from gold refining, the recycling of scrap and the manufacture of bars, it focuses on gold products for the jewellery industry, mainly granules.

### GOLD REFINING

The company has the capacity to refine mine doré (gold and silver), electrolytic slimes (copper and silver), precipitated gold slimes, loaded carbon and most forms of gold scrap.

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

The company also refines silver, manufacturing a range of silver bars.



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The company established a new gold refinery in 1996.



The Shelkovsky refinery has been accredited to the LBMA under its own name since 1999.



Apart from Shelkovo and Moscow, representative offices are located in Kazan and Samara (Volga) and Azov (Southern).

Annual gold refining capacity: 30 – 50 tonnes.

Number of employees: 400

**TECHNICAL DESCRIPTION – CURRENT BARS**

| Weight | Type | Fineness | Shape       | Dimensions mm                    | First Issued* | Serial Number System                          | System Introduced |
|--------|------|----------|-------------|----------------------------------|---------------|---|-------------------|
| 400 oz | Cast | 999.9    | Rectangular | 254 x 88 x 35<br>229 x 59 (base) | 1996          | 2 letters<br>Plus 4 numbers<br>Plus year date | 1996<br><br>1996  |
| 1000 g | Cast | 999.9    | Rectangular | 107 x 50 x 11.5                  | 1996          | 4 numbers                                     | 1996              |
| 500 g  | Cast | 999.9    | Rectangular | 82.5 x 35 x 10.5                 | 1996          | 4 numbers                                     | 1996              |
| 250 g  | Cast | 999.9    | Rectangular | 53.5 x 30.5 x 10.5               | 1996          | 4 numbers                                     | 1996              |
| 100 g  | Cast | 999.9    | Rectangular | 40.5 x 20.5 x 7.2                | 1996          | 4 numbers                                     | 1996              |

Source: Shelkovsky Plant of Secondary Precious Metals. \* First issued with the company's own official stamp.

**Serial Numbering System**

400 oz: 2 letters in the Cyrillic alphabet: 1st letter "Ш" stands for the Shelkovsky Plant. 2nd letter is arbitrary, changed when 9,999 bars have been produced or at the beginning of each year. The 4 numbers range from 0001 up to 9999. A year date was first applied in 1996.

**HISTORY OF GOLD BAR MANUFACTURE**

The company is known to have manufactured 400 oz bars with the USSR ("СССР") official stamp between 1992 and 1997.

It has also applied its own official stamp to 400 oz bars since 1996, and to its range of 1000 g, 500 g, 250 g and 100 g cast bars, which were issued in the same year.

The company has manufactured customized cast bars for banks since 2000.


**TRADE COMMUNICATION**

**Headquarters**

Shelkovsky Plant of Secondary Precious Metals  
103-A Zarechnaya Street, Shelkovo City, 141100 Russia


Tel: +7-495-526 4643  
Fax: +7-495-256-289 90  
Email: gupvdm@elnet.msk.ru

**OFFICIAL STAMPS**



On 400 oz bars and small bars issued by the Shelkovsky Plant since 1996.





National stamp in Russian and English. In use since 1996.



EXAMPLES OF GOLD BARS



Historical 400 oz bar.

The company marked 400 oz bars with the USSR "СССР") official stamp until 1997.



Kilobars have been manufactured since 1996.





The company manufactures an extensive range of precious metal powders.



Assaying laboratory.



London Good Delivery 28-32 kg silver bars manufactured by the Shelkovsky Plant.

This supplement is supported by  
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