

## THE INDUSTRY COLLECTION OF GOLD BARS WORLDWIDE

Founder N.M. Rothschild & Sons (Australia) Limited  
Custodian & Official Location The Perth Mint  
Curator Grendon International Research Pty Ltd

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### BACKGROUND

The **Industry Collection of Gold Bars Worldwide** represents the culmination of a worldwide effort to create a unique collection of standard, innovative and unusual bars to support the promotion of gold.

Since 1993, manufacturers from across the globe, large and small, have supported this international project by making their bars available to the collection.

The founder was **N.M. Rothschild & Sons (Australia) Limited** (NMRA), associated with N.M. Rothschild & Sons Limited (NMR). NMRA acted as the custodian over a period of 12 years until 2005. A representative of NMR, established in London in 1804, chaired the daily London Gold Fixings between 1919 and 2004.

### CUSTODIAN

The custodian and official location is **The Perth Mint**, a subsidiary of Gold Corporation (GC), wholly owned by the Government of Western Australia. Another one of GC's subsidiaries, The Western Australian Mint, has an interest in AGR Matthey, Australia's largest gold refiner and bar manufacturer.

The Perth Mint, established in 1899 as a branch of The Royal Mint in Britain, has produced gold coins and bars for more than 100 years. An exhibition of Industry Collection bars is on permanent display at the Mint.

### CURATOR

The curator is **Grendon International Research Pty Ltd** (GIR). Based in Australia, GIR published *Gold Refiners & Bars Worldwide* in 1991. The information in the book enabled GIR and NMRA, with support from the World Gold Council, to establish the Industry Collection in 1993.

Apart from acting as a consultant within the gold industry, GIR has also published other international reference books, including *The Industry Catalogue of Gold Bars Worldwide*.

The Industry Collection, originally stored in the vaults of N.M. Rothschild & Sons (Singapore) Limited, was relocated to The Perth Mint in 2003.



The Perth Mint is the custodian and official location of the Industry Collection.



The Industry Collection is the world's largest collection of gold bars.



Exhibitions of the Industry Collection capitalise on man's fascination for gold.



## THE WORLD'S LARGEST COLLECTION OF GOLD BARS

The Industry Collection contains over 1,000 gold bars from 145 manufacturers and issuers in 36 countries.

The project has four broad objectives:

- To support the promotion of gold worldwide.
- To obtain authoritative information on gold bars and their manufacturers.
- To maintain a comprehensive library of gold bar photographs.
- To enable interested parties to stage spectacular Exhibitions which tell the story of gold from gold-bearing ore – through gold bars – to the end uses of gold.

## FOCUS

The collection focuses on bars manufactured by the world's leading refiners since the abandonment of the Gold Standard in 1971, which resulted in many countries liberalising their national gold markets so that gold bars could be privately owned for the first time.

It also led to a surge in the manufacture of small bars worldwide. Previously, in most countries, only gold coins could be privately owned.

The collection continues to acquire examples of bars, 1000 g and less, manufactured by refiners or brands that are accredited to one or more of the following gold dealing associations or exchanges:

- London Bullion Market Association (LBMA)
- New York Mercantile Exchange (COMEX Division)
- Tokyo Commodity Exchange (TOCOM)
- Dubai Multi Commodities Centre (DMCC)
  
- Brazilian Mercantile & Futures Exchange, São Paulo (BM&F)
- Istanbul Gold Exchange (IGE)
- Multi Commodity Exchange of India (MCX)
- The Chinese Gold & Silver Exchange Society, Hong Kong (CG&SES)

In addition, the collection acquires representative bars manufactured in large gold consuming countries where there are no accredited refiners, such as Thailand, Vietnam and India.

Many manufacturers have gone to enormous trouble to provide a sample bar of their entire range, 1000 g and less, as they are often only made to order in bulk quantities. Others have produced innovative gold bars especially for the collection.

For Exhibition purposes, the collection also includes examples of gold-bearing ore, nuggets, bullion coins and bar manufacturing equipment, as well as jewellery and industrial items that illustrate the end uses of gold.



Small 10 tola bars (3.75 oz) were imported unofficially into India for more than 50 years.



Unusual biscuit, boat and doughnut bars from Hong Kong.



A "backyard refiner" in Pakistan manufacturing small tezabi bars.



Garimpo bar from Brazil.



**MORE THAN 50 CATEGORIES**

**The Industry Collection contains an amazing range of standard, innovative and unusual bars, as well as ancillary items.**

At Exhibitions, visitors are taken by surprise at the extraordinary diversity of shapes, sizes, weights, purities, markings and colours of gold bars, and the fascinating stories behind so many of them.

London 400 oz bars	Honeycomb bars	Commemorative bars
COMEX 100 oz bars	Mine doré bars	Heart bars
Kilobars	Garimpo doré bars	Pendant bars
Smaller bars: gram	Melted scrap bars	Brick bars
Small bars: troy ounce	Model bars	Koban bars
Tola bars	Fillet bars	Money ring bars
Tael bars	Minted bars: gram	Gold leaf bars
Baht bars	Minted bars: troy ounce	Plate bars
Bars issued by banks	Minted bars: tola	Fine Art bars
Bas-relief bars	Minted bars: tael	Talisman bars
Doughnut bars	Minted bars: baht	Fine gold cards
Boat bars	Minted bars: chi	Rainbow bars
Block bars	Minted bars: round	<i>Gold-related items</i>
Square bars	Minted bars: oval	Nuggets and gold ore
Round bars	Minted bars: issued by banks	Bullion coins
Oval bars	Minted bars: issued by mints	Jewellery and industrial
Twin-coin bars	Decorative bars	<i>Bank of England Museum</i>
Yin-Yang bars	Hologram bars	Replica Roman bars
Bone bars	Kinebars®	Replica Lydian coin
Tezabi bars	Full colour bars	



The Bank of England staged an Exhibition of the Industry Collection in London in 1998.



Tanaka Kikinzoku Kogyo K.K. staged an Exhibition of the Industry Collection in Tokyo in 2009.



**BULLION, BARS AND BOUNTY**

Illustrations of some unusual categories within the Industry Collection.



Gold leaf bars  
Vietnam



Kinebar®  
Switzerland



Button bar  
Thailand



Fine gold card  
Japan



Model bar  
South Korea



Twin-coin bar  
Thailand



Bas-relief bar  
Thailand



Boat bar  
Hong Kong



Tezabi bars  
Pakistan



Bone bar  
Brazil



Koban bar  
Japan



Fine Art bar  
Singapore



Yin-Yang bars  
Japan



Doughnut bars  
Hong Kong



Heart bar  
Dubai



Rainbow bar  
Japan



Plate bar  
Turkey



Honeycomb bar  
Thailand



Oval bar  
Thailand



Mesghal bar  
Iran



**INTERNATIONAL EXHIBITIONS**  
Since 1994

**Germany**

**Singapore**

**United Arab Emirates**

**Thailand**

**Brazil**

**United Kingdom**

**Canada**

**Australia**

**USA**

**Japan**



London



Singapore



Dubai



São Paulo

**Exhibitions capitalise on man's fascination with gold.**





Visitors are always surprised to discover that a "400 oz" London Good Delivery bar takes some lifting.



Security at Exhibitions is important.



A kilobar unit is a highlight at all Exhibitions.



A formal opening ceremony is normally followed by many other receptions.



**BAR MANUFACTURERS & ISSUERS**

Current & Historical  
Represented in the Industry Collection

**EUROPE**

**Austria**

Austrian Mint

**Belgium**

Union Minière SA  
Umicore SA

**France**

Comptoir Lyon Alemand Louyot (CLAL)  
Compagnie des Métaux Précieux (CMP)  
Engelhard SA

**Germany**

Degussa AG  
W.C. Heraeus GmbH  
Norddeutsche Affinerie AG  
Commerzbank AG  
Deutsche Bank AG  
Dresdner Bank AG  
Sparkasse  
Westdeutsche Landesbank

**Italy**

Metalli Preziosi SpA

**Netherlands**

H. Drijfhout & Zoon's Edelmetaalbedrijven BV  
Schöne Edelmetaalbedrijven NV

**Spain**

SEMPSA Joyería Platería SA

**Sweden**

Boliden Mineral AB

**Switzerland**

Argor-Heraeus SA  
Cendres & Métaux SA  
Metalor Technologies SA  
PAMP SA  
Valcambi SA  
Credit Suisse  
Swiss Bank Corporation  
Union Bank of Switzerland  
UBS AG  
Raiffeisen Bank  
Zürcher Kantonal Bank

**United Kingdom**

Engelhard Limited  
Johnson Matthey Plc  
N.M. Rothschild & Sons Limited

**AMERICAS**

**Canada**

Johnson Matthey Limited  
Royal Canadian Mint  
Kitco Inc

**USA**

Engelhard West Inc  
Handy & Harman  
Handy & Harman Refining Group  
Heraeus Incorporated  
Homestake Mining Corporation  
Johnson Matthey Inc  
Metalor USA Refining Corporation  
Sabin Metal Corporation

**Brazil**

Banco do Estado do Parana SA  
Banco do Estado do São Paulo SA (BANESPA)  
Purificação de Metais Carol Ltda  
Casa da Moeda do Brasil  
Compagnie Real de Metais (CRM)  
Degussa SA  
Garimpo (doré)  
Goldmine Fundidora Ltda  
Marsam Metais Ltda  
Mineração Morro Velho SA  
Ourinvest Sociedade Brasileira de Metais  
Umicore Brasil Ltda

**MIDDLE EAST**

**Iran**

Tehran Bazaar

**Kuwait**

Technical Manufacturing Company

**Saudi Arabia**

The National Commercial Bank

**Turkey**

Istanbul Gold Refinery  
Nadir Metal Rafinerie AS  
Vakifbank

**United Arab Emirates**

ARY Traders  
Emirates Gold DMCC  
Habib Bank AG Zurich

**INDIAN SUB-CONTINENT**

**India**

Chemmanur Gold Refinery  
Gujarat Gold Centre  
Narondass Manordass  
National Refinery Pvt Ltd  
Rajmal Lakhichand Jewellers  
Société Générale  
Bank of Baroda  
Bank of India  
Corporation Bank  
HDFC Bank  
ICICI Bank  
Indian Bank



Indian Overseas Bank  
 IndusInd Bank  
 Kotak Mahindra Bank  
 Punjab National Bank  
 Reliance Group  
 UTI Bank

**Pakistan**

G.H. Schroff & Co  
 Saleh Mohammed Refinery

**FAR EAST**

**China**

China Gold Corporation

**Hong Kong**

Chow Sang Sang Jewellery Co Ltd  
 Hang Seng Bank Limited  
 Heraeus Limited  
 Hing Fung Goldsmith & Refinery Ltd  
 Johnson Matthey Hong Kong Limited  
 King Fook Finance Co Ltd  
 Lee Cheong Gold Dealers Ltd  
 Po Sang Bank Ltd  
 Bank of China Hong Kong Limited  
 Sun Hung Kai Bullion Co Ltd  
 Sun Yip Hong Gold Dealers Ltd  
 Wing Fung Precious Metals Ltd  
 Wing Hang Bank Ltd  
 Wong Sha Company Limited

**Indonesia**

PT Aneka Tbk (Logam Mulia)

**Japan**

Chugai Mining Co Ltd  
 Dowa Metals & Mining Co Ltd  
 Ishifuku Metal Industry Co Ltd  
 Japan Mint  
 Matsuda Sangyo Co Ltd  
 Mitsubishi Materials Corporation  
 Mitsui Mining & Smelting Co Ltd  
 Nippon Mining & Metals Co Ltd  
 Sumitomo Metal Mining Co Ltd  
 Tanaka Kikinzoku Kogyo K.K.  
 Tokuriki Honten Co Ltd

**Macau**

Wing Hang Bank

**Papua New Guinea**

Metal Refining Operations Pty Ltd (MRO)

**Singapore**

Degussa (Private) Limited  
 Singapore Mint  
 United Overseas Bank

**South Korea**

Lucky Metals Corporation  
 Korea First Bank  
 LG Metals Corporation

**Thailand**

Bangkok Assay Office Co Ltd  
 Buan Hua Long Gold Dealer  
 Chin Hua Heng Goldsmith Co Ltd  
 Hua Seng Heng Goldsmith Co Ltd  
 Lang Hong Group Co Ltd  
 Loo Chang Huat (2498) Gold Store Co Ltd  
 Sin Kee Chieng Wholesale Co Ltd  
 Tang Toh Kang Limited Partnership  
 Toa Kang Jawaraj Goldsmith Ltd Partnership  
 Yoo Long Kim Kee Ltd Partnership

**Vietnam**

Kim Thanh  
 Phu Nhuan Jewelry Co  
 Saigon Jewellery Co

**AFRICA**

**South Africa**

Rand Refinery Limited  
 Vaal Reefs (doré)

**Zimbabwe**

Fidelity Printers & Refiners (Private) Limited

**AUSTRALASIA**

**Australia**

Australian Gold Refineries  
 AGR Matthey  
 Central Norseman Gold Corporation Ltd (doré)  
 Golden West Refining Corporation  
 Harringtons Metallurgists Ltd  
 Johnson Matthey (Aust) Limited  
 The Perth Mint

**CIS**

**Russia**

State Refineries – USSR

**Belarus**

National Bank of the Republic of Belarus

**BULLION COINS**

Austrian Mint  
 Royal Canadian Mint  
 Singapore Mint  
 South African Mint  
 The Perth Mint  
 The Royal Mint  
 Turkish State Mint  
 United States Mint

**JEWELLERY**

Damas Jewellery – Dubai  
 King Fook Jewellery – Hong Kong

The Industry Collection contains bars from 145 manufacturers  
 and issuers in 36 countries.







100 g



50 g

N.M. Rothschild & Sons Limited manufactured gold bars in London for more than 100 years, from 1852 until 1967.

The initials "R.M.R." on the official stamp stand for "Royal Mint Refinery", originally leased to Sir Anthony de Rothschild in 1852.



The Perth Mint has staged an Exhibition of the Industry Collection since 2004.

The Mint is located in the centre of the city of Perth, the capital of Western Australia.

**For further information:**

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