

THE INDUSTRY COLLECTION OF GOLD BARS WORLDWIDE

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

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 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.

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.





The Exhibition at Banco Real in São Paulo included a remarkable gold mine entrance tunnel.



Elegant guards welcomed visitors to the Exhibition at the Bank of England Museum in London.



Industry Collection bars formed part of the "Gold! Natural Treasure. Cultural Obsession." Exhibition at the Houston Museum of Natural Science in 2005.





Exhibitions have attracted substantial TV and press coverage.



Bangkok



Tokyo



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 AG
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 Inc
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 Rafineri AS
Vakifbank

United Arab Emirates

ARY Traders
Emirates Gold DMCC
Habib Bank AG Zurich

INDIAN SUB-CONTINENT

India

Chemmanur Gold Refinery
Gujarat Gold Centre
Narrondass 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
 Lai Kee Gold 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

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 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.

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