GOLD BARS WORLDWIDE

www.goldbarsworldwide.com

THE INDUSTRY COLLECTION OF GOLD BARS WORLDWIDE

Founder N.M. Rothschild & Sons (Australia) Limited

Custodian & The Perth Mint Official Location Australia

Curator Grendon International Research Pty Ltd

Australia

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 35 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.



Garimpo bar from Brazil.



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.



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 barsHoneycomb barsCommemorative barsCOMEX 100 oz barsMine doré barsHeart barsKilobarsGarimpo doré barsPendant barsSmaller bars: gramMelted scrap barsBrick barsSmall bars: troy ounceModel barsKoban bars

Tola bars
Tael bars
Minted bars: gram
Bars issued by banks
Fillet bars
Minted bars: gram
Minted bars: troy ounce
Plate bars
Bars assued by banks
Minted bars: tola
Fine Art bars
Tallows

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

Square bars Minted bars: oval Gold-related items
Round bars Minted bars: issued by banks Nuggets and gold ore

Oval bars Minted bars: issued by mints Bullion coins

Jewellery and industrial

Twin-coin bars

Yin-Yang bars

Hologram bars

Bank of England Museum

Kinebars®

Tezabi bars

Full colour bars

Replica Roman bars

Replica Lydian coin



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



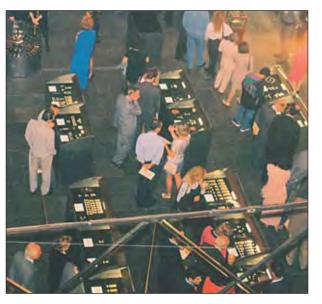




Singapore







São Paulo

Exhibitions capitalise on man's fascination with gold.





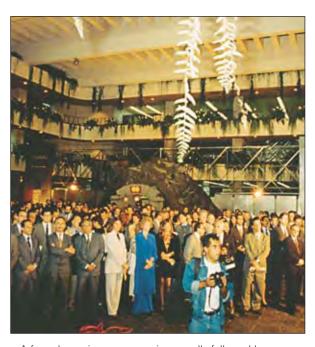
Visitors are always surprised to discover that a "400 oz" London Good Delivery bar takes some lifting.



Security at Exhibitions is important.



A kilobar unit is a highlight at all Exhibitions.

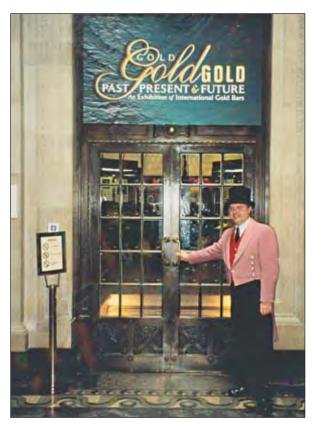


A formal opening ceremony is normally followed by many other receptions.





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.











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)
Purifição 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 Brasiliera 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

United Arab Emirates

ARY Traders Emirates Gold DMCC Habib Bank AG Zurich Kaloti Jewellery Group

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)

Japar

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 35 countries.







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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