



GOLD BARS WORLDWIDE

www.goldbarsworldwide.com



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

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



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



The Perth Mint is the custodian of the Industry Collection.



THE WORLD'S LARGEST COLLECTION OF GOLD BARS

The Industry Collection contains more than 1,000 gold bars from 135 manufacturers and issuers in 35 countries.

The project has four broad objectives:

- To support the promotion of gold.
- To obtain authoritative information on gold bars and their manufacturers.
- To enable the world's most important gold bars to be photographed at a single location.
- To enable interested parties to stage large or small Exhibitions of gold bars and gold-related products, tailor-made to their promotional requirements.

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 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)
- The Tokyo Commodity Exchange (TOCOM)
- Dubai Multi Commodities Centre (DMCC)

- Brazilian Mercantile & Futures Exchange, São Paulo (BM&F)
- Istanbul Gold Exchange (IGE)
- Shanghai Gold Exchange (SGE)
- 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.

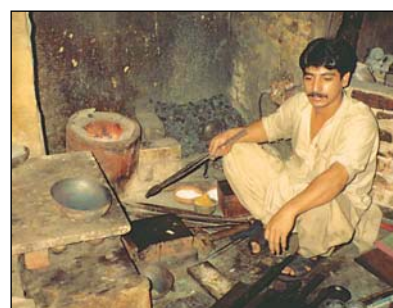
For Exhibition purposes, the collection also includes examples of gold-bearing ore, nuggets, bullion coins and bar manufacturing equipment, as well as jewellery and industrial items that illustrate the end uses of gold.



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 – and the media – are taken completely 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.

1	Mine doré bars	21	Block bars	41	Koban bars
2	Garimpo doré bars	22	Tezabi bars	42	Pendant bars
3	Cast and minted bars	23	Bone bars	43	Heart bars
4	Oldest official stamp	24	Fillet bars	44	Fine Art bars
5	Oldest assay mark	25	Bas-relief bars	45	Cartoon bars
6	Bar weights	26	Yin-Yang bars	46	Commemorative bars
7	Bar purities	27	Model bars	47	Bank bars
8	Cast bar weights	28	Mirror bars	48	Indian “coins”
9	Cast bars by region	29	Twin-coin bars	49	Brick bars
10	400 oz bar	30	Coil bars	50	Fine gold cards
11	Kilobars	31	Minted bar weights	51	Gold Leaf bars
12	Smallest cast bars	32	Minted bars by region	52	Plate bars
13	Tola bars	33	Smallest minted bars		<i>Gold-related items</i>
14	Tael bars	34	Round minted bars	53	Nuggets and gold ore
15	Baht bars	35	Oval minted bars	54	Bullion coins
16	Chi and luong bars	36	Decorative bars	55	Jewellery and industrial
17	Biscuit bars	37	Hologram bars		<i>Bank of England Museum</i>
18	Boat bars	38	Kinebars®	56	Replica Roman bars
19	Doughnut bars	39	Full Colour bars	57	Replica Lydian coin
20	Honeycomb bars	40	Rainbow bars		

SUMMARY CONTENT OF INDUSTRY COLLECTION

Category	No	Category	No
Cast Bars		Minted bars issued by banks	100
Kilobars	75	Decorative and commemorative bars	54
Standard small bars: grams	104	Multi-coloured bars	35
Standard small bars: ounces	30	Pendant bars	47
Tola bars	32	Unusual and other minted bars	87
Tael bars	59	Fine gold cards	30
Baht bars	58	Total bars	1,008
Mine doré and garimpo bars	12	Bullion coins	20
Unusual and other cast bars	25	Nuggets, jewellery, industrial	35
Minted Bars		Total items	1,063
Standard minted bars: grams	214		
Standard minted bars: ounces	36		

The collection is expanded as new bars, 1000 g and less, become available.



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



BAR MANUFACTURERS & ISSUERS

Current & Historical
Represented in the Industry Collection

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
Métaux Précieux SA Metalor
PAMP SA
Valcambi SA
Credit Suisse
Swiss Bank Corporation
Union Bank of Switzerland
UBS AG
Raiffeisenbank
Zürcher Kantonal Bank

United Kingdom

Engelhard Limited
Johnson Matthey Plc
N M Rothschild & Sons Limited

Canada

Johnson Matthey Limited
Royal Canadian Mint

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

Iran

Tehran Bazaar

Kuwait

Technical Manufacturing Company

Saudi Arabia

The National Commercial Bank

Turkey

Istanbul Gold Refinery
Vakifbank

United Arab Emirates

ARY Traders
Emirates Gold DMCC
Habib Bank AG Zurich

India

Chemmanur Gold Refinery
Gujarat Gold Centre
Narrondass Manordass
National Refinery Pvt Ltd
Rajmal Lakhichand Jewellers
Société Générale
Bank of India
Corporation Bank
HDFC Bank
ICICI Bank
Indian Bank
Indian Overseas Bank
IndusInd Bank
Kotak Mahandra Bank
Punjab National Bank
UTI Bank

Pakistan

G H Schroff & Co
Saleh Mohammed Refinery

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
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 KK
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

South Africa

Rand Refinery Limited
Vaal Reefs (doré)

Zimbabwe

Fidelity Printers & Refiners (Private) Limited

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

Russia

State Refineries – USSR

Belarus

National Bank of the Republic of Belarus

BULLION COINS

Austrian Mint
Perth Mint
Royal Canadian Mint
Royal Mint
Singapore Mint
South African Mint
US Mint
Turkish Mint
Iranian Mint

JEWELLERY

Damas Jewellery – Dubai
King Fook Jewellery – Hong Kong

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