



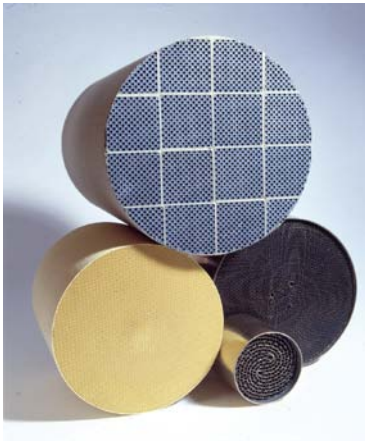
# Johnson Matthey

Johnson Matthey is a speciality chemicals company with operations in over 30 countries and employs around 9,700 people worldwide. The company is organised into three global divisions: Environmental Technologies; Precious Metal Products and Fine Chemicals.

Its principal activities include the manufacture of autocatalysts, heavy duty diesel catalysts and pollution control systems, catalysts and components for fuel cells, catalysts and technologies for chemical processes, fine chemicals, chemical catalysts and active pharmaceutical ingredients and the marketing, refining and fabrication of precious metals.

Johnson Matthey is a FTSE 100 ranked company with a total revenue of £10.0 billion and underlying profit before tax\* of £345.5 million in the financial year to 31<sup>st</sup> March 2011. Its headquarters are in Royston, Hertfordshire and its City and registered office is located at 5<sup>th</sup> Floor, 25 Farringdon Street, London EC4A 4AB.

## Environmental Technologies Division



Environmental Technologies Division is a global supplier of catalysts and related technologies for applications which benefit the environment such as pollution control, cleaner fuel, more efficient use of hydrocarbons and the hydrogen economy. It consists of three business units; **Emission Control Technologies (ECT)**, **Process Technologies** and **Fuel Cells**.

**ECT** comprises Johnson Matthey's global autocatalyst, heavy duty diesel and stationary source emissions control businesses. We are a world leading manufacturer of catalysts for vehicle exhaust emission control and a leader in catalyst systems for the reduction of emissions from industrial processes.

**Process Technologies** manufactures speciality catalysts, absorbents and additives for the methanol, ammonia, hydrogen, gas / coal to products, oil refineries and gas processing industries. Davy Process Technology develops chemical process technologies and licenses them to customers in the oil, gas and petrochemical industries. Tracerco is an industrial leader in specialist technology for the diagnostics, measurement and analysis of process plant conditions across the hydrocarbon chain.

Johnson Matthey **Fuel Cells** has a world leading position in the development and manufacture of catalysts and catalysed components for fuel cells.

\* Before amortisation of acquired intangibles, major impairment and restructuring charges, profit or loss on disposal of businesses and, where relevant, related tax effects.

## Precious Metal Products Division



Precious Metal Products Division's activities comprise two main areas: **Services businesses** and **Manufacturing businesses**.

There are two Services businesses: Platinum Marketing and Distribution; and Refining.

### **Platinum Marketing and Distribution**

Platinum Marketing and Distribution consists of our worldwide platinum marketing and distribution activities. Marketing is headquartered in Royston, UK with support facilities in Philadelphia, USA and Hong Kong. We are the world's leading distributor of platinum group metals (pgms) and the sole marketing agent for Anglo Platinum, the world's largest producer of platinum.

### **Refining**

Our Pgm Refining and Recycling business recovers pgms from spent catalysts and other secondary materials and refines primary pgms from global mining operations. Our Gold and Silver refining business comprises our gold and silver refining and bullion manufacturing operations. The business serves the world's mining industries and recycles secondary scrap material.

There are three Manufacturing businesses: Noble Metals; Colour Technologies; and Catalysts and Chemicals.

### **Noble Metals**

Noble Metals produces a wide range of precious metal and other fabricated products for industrial and medical applications. Johnson Matthey is the market leader in pgm fabricated products for industrial applications.

### **Colour Technologies**

Our Colour Technologies business manufactures black obscuration enamels and silver conductive materials for automotive glass. It also makes colours, enamels and decorative precious metal products for other glass applications such as bottles and architectural glass as well as for tableware and other ceramic applications.

### **Catalysts and Chemicals**

Catalysts and Chemicals manufactures precious and base metal catalysts and fine chemicals for a wide range of industrial applications including automotive, chemical and pharmaceutical.

## Fine Chemicals Division



Fine Chemicals Division is a global supplier of active pharmaceutical ingredients, fine chemicals and other speciality chemical products and services to a wide range of pharmaceutical and chemical industry customers and industrial and academic research organisations.

### **API Manufacturing**

Our API Manufacturing businesses supply active pharmaceutical ingredients (APIs) and intermediate products for the pharmaceutical and fine chemical industries and provide contract research services to the pharmaceutical industry.

Macfarlan Smith, based in Edinburgh, UK is the world's leading manufacturer of opiate alkaloids which are used for pain management and other pharmaceutical applications. Our US based Pharmaceutical Materials and Services business specialises in the manufacture of APIs for controlled drugs and for platinum based anticancer treatments. It also provides a full range of commercial scale manufacturing services for APIs to both generic and branded pharmaceutical companies.

## Research Chemicals

The Research Chemicals business is a globally integrated supplier of speciality inorganic and organic chemicals. The business supplies chemicals into both industry and research institutions in small scale research quantities, via its catalogue, and bulk scale shipments. It operates under the Alfa Aesar brand name and is based in the UK, USA, Germany, China and India.

## Awards Won by Johnson Matthey

1968 Johnson Matthey & Co Ltd	<i>Queen's Award for Export Achievement</i>
1968 Universal Matthey Products Ltd	<i>Queen's Award for Export Achievement</i>
1970 Johnson Matthey & Co Ltd	<i>Queen's Award for Export Achievement</i>
1977 Johnson Matthey Research Centre (catalysts for controlling emissions from vehicle exhaust)	<i>Queen's Award for Technological Achievement</i>
1980 MacRobert Award – Britain's top engineering distinction – for work on control of car exhaust emissions	
1982 Johnson Matthey Chemicals Ltd	<i>Queen's Award for Export Achievement</i>
1986 Johnson Matthey Chemicals Ltd – Rare Earth Products Division (sold to Allied Signal Inc in 1999)	<i>Queen's Award for Export Achievement</i>
1991 Johnson Matthey Technology Centre (jointly with the Institute of Cancer Research and the Royal Marsden Hospital) (platinum based anticancer drugs and carboplatin),	<i>Queen's Award for Technological Achievement</i>
1993 Johnson Matthey Catalytic Systems Division	<i>Queen's Award for Export Achievement</i>
1993 Johnson Matthey Catalytic Systems Division	<i>Queen's Award for Environmental Achievement</i>
1999 Johnson Matthey Technology Centre for its work on fuel processors for fuel cells	<i>Italgas Prize for Research and Technological Innovation</i>
2000 Second MacRobert Award for the continuously regenerating trap (CRT <sup>®</sup> ) to control emissions from heavy duty diesel vehicles	
2003 Tracerco, part of Johnson Matthey Plc	<i>Queen's Award for Enterprise: Innovation - The TRACERCO Profiler<sup>TM</sup></i>
2005 Tracerco, part of Johnson Matthey Plc	<i>Queen's Award for Enterprise: International Trade</i>
2007 Gas Processing Business of Johnson Matthey Catalysts	<i>Queen's Award for Enterprise: International Trade</i>
2009 Emission Control Technologies Business	<i>Queen's Award for Enterprise: Innovation Queen's Award for Enterprise: International Trade</i>
2009 Tracerco, part of Johnson Matthey Plc	<i>Queen's Award for Enterprise: Innovation</i>
2009 Johnson Matthey Plc	<i>Chemical Industries Association Award for Environmental Leadership</i>
2009 Johnson Matthey Plc	<i>ICSA Hermes Transparency in Governance Award for Best Practice Disclosure on Sustainability</i>
2009 Johnson Matthey Plc	<i>ICSA Hermes Transparency in Governance Award for Best Practice Disclosure on Stakeholder Engagement</i>