



INTERNATIONAL CYANIDE MANAGEMENT INSTITUTE

AUDITOR CREDENTIALS FORM

FACILITY AUDITED: ORICA AUSTRALIA LTD, NEW ZEALAND SUPPLY CHAIN

DATE: MARCH 2018

AUDITOR CREDENTIALS

Auditor: Mike Woods
Auditor Certification Number: 113792
Certifying Organisation: Exemplar Global
Telephone Number: +61 2 4728 4600
Address: Suite 102, 148 Henry Street, Penrith BC NSW 2751
Web Site Address: www.exemplarglobal.org

Year	Type of Facility, Type of Audit	Country & State/Province
Transportation - International Cyanide Code Certification Audits		
2017	Lead Auditor and Technical Specialist for PT Nusa Halmahera Minerals Gosowong Supply Chain	North Maluku, Indonesia
2017	Lead Auditor and Technical Specialist for Anhui Anqing Shuguang Chemical Co Ltd. Kazakhstan and Kyrgyzstan Supply Chain	Xinjiang, China
2017	Lead Auditor and Technical Specialist for Lynx Logistics Ivory Coast	Ivory Coast
2017	Lead Auditor and Technical Specialist for Orica Australia New Zealand Supply Chain	New Zealand
2016	Lead Auditor and Technical Specialist for Mapai Transport Papua New Guinea Supply Chain	Morobe Province, Papua New Guinea
2016	Lead Auditor and Technical Specialist for Hidden Valley Transport Papua New Guinea Supply Chain	Morobe Province, Papua New Guinea
2016	Lead Auditor and Technical Specialist for Hebei Chengxin Transport China Supply Chain,	Hebei Province, China
2015	Lead Auditor and Technical Specialist for PT Nusa Halmahera Minerals Gosowong Supply Chain	North Maluku, Indonesia
2015	Lead Auditor and Technical Specialist for Australian Gold Reagents Ocean Freight Supply Chain Amendment	Global
2015	Lead Auditor and Technical Specialist for Australian Gold Reagents Mexico Supply Chain	Mexico



Year	Type of Facility, Type of Audit	Country & State/Province
2015	Lead Auditor and Technical Specialist for Australian Gold Reagents Indonesia Supply Chain	Indonesia
2015	Lead Auditor and Technical Specialist for Australian Gold Reagents Kingdom of Saudi Arabia Supply Chain	Kingdom of Saudi Arabia
2015	Lead Auditor and Technical Specialist for Australian Gold Reagents Ivory Coast Supply Chain	Ivory Coast
2015	Lead Auditor and Technical Specialist for Australian Gold Reagents Peru Supply Chain	Peru
2015	Lead Auditor and Technical Specialist for Australian Gold Reagents Argentina Supply Chain Amendment	Argentina
2015	Lead Auditor and Technical Specialist for Alistair James Company	Tanzania, Dar Es Salaam
2014	Lead Auditor and Technical Specialist for Orica Latin American Supply Chain	Peru, Argentina, Brazil, Chile, Mexico
2014	Lead Auditor and Technical Specialist for Orica East African Supply Chain	Tanzania, Kenya, East Africa
2014	Lead Auditor and Technical Specialist for Orica West African Supply Chain	Guinea, Senegal, Mauritania, Ghana and Cote d'Ivoire, Burkina Faso; West Africa
2013	Lead Auditor for Orica New Zealand Supply Chain	New Zealand, Bay of Plenty
2013	Lead Auditor and Technical Specialist Alistair James Company	Tanzania, Dar Es Salaam
2013	Auditor for Orica Australia Limited's supply chain activities	Queensland and Victoria, Australia
2013	Auditor for Toll Mining Service's Australian supply chain activities	Western Australia, New South Wales, Victoria and Queensland, Australia
2013	Lead Auditor for Gap Analysis of Barbex Transport Supply Chain West Africa	Tarkwa, Ghana

Year	Type of Facility, Type of Audit	Country & State/Province
2013	Audit Support/Review Hidden Valley Transport – PNG supply Chain	Morobe Province, Papua New Guinea
2011	Auditor for Toll PNG supply chain activities	Morobe Province, Papua New Guinea
2009	Auditor for Orica Australia Limited's supply chain activities	Queensland, Australia
2009	Auditor for Orica Australia Limited's transportation activities	New South Wales, Australia
2009	Auditor for Orica Australia Limited, Australia Supply Chain Certification Audit for Toll Global Resources, Queensland	Queensland, Australia
2009	Auditor for Orica Australia Limited Australian Supply Chain Certification Audit, for IFE Bulk Solutions, Northern Territory	Queensland/NT Australia
2009	Auditor for Orica Australia Limited, Australian Supply Chain Certification Audit for Toll Chemical Logistics	New South Wales, Australia
2009	Auditor for Orica Australia Limited, Australia Supply Chain Certification Audit for Patrick Port Logistics	New South Wales, Australia
<i>Production - International Cyanide Code Certification Audits</i>		
2018	Auditor for Orica Australia Limited Victoria Warehouse Facility	Victoria, Australia
2017	Gap Analysis for Orica Australia Limited's Ghana production facility	Tarkwa, Ghana
2017	Gap Analysis for Orica Australia Limited's Ghana production facility	Tarkwa, Ghana
2017	Auditor for Australian Gold Reagents (AGR) Kwinana Production Facility	Western Australia, Australia
2016	Gap Analysis/internal audit Australian Gold Reagents (AGR) Kwinana Production Facility	Western Australia, Australia
2016	Gap Analysis/internal audit Unisplendor Xinjiang Production Facility	Xinjiang, China
2014	Gap Analysis/internal audit for Orica Australia Limited's Ghana production facility	Tarkwa, Ghana
2013	Gap Analysis/internal audit for Orica Australia Limited's Yarwun production facility.	Queensland, Australia
2013	Gap Analysis/internal audit for Orica Australia Limited's Ghana production facility	Tarkwa, Ghana

Year	Type of Facility, Type of Audit	Country & State/Province
2009	Auditor/Support for Orica Australia Limited's Yarwun production facility.	Queensland, Australia
Mining - International Cyanide Code Certification Audits		
2015	Auditor for Newcrest Telfer Gold Mine	Western Australia, Australia
2015	Auditor for Gold Fields St Ives Gold Mine	Western Australia, Australia
2014	Lead Auditor for Kalgoorlie Consolidated Gold Mines' Fimiston and Gidgi facilities.	Western Australia, Australia
2014	Auditor for Newmont Boddington Gold Mine	Western Australia, Australia
2014	Auditor for Gold Fields Granny Smith Gold Mine	Western Australia, Australia
2014	Auditor for PT Nusa Halmahera Minerals Gosowong Gold Mine	Gosowong Gold Province, Indonesia
2013	Lead Auditor for Barrick Gold of Australia Cowal Gold Mine	New South Wales, Australia
2013	Auditor for New Gold Peak Gold Mine	New South Wales, Australia
2013	Auditor for Barrick Lawlers Gold Mine	Western Australia, Australia
2012	Auditor for Newcrest Hidden Valley Gold Mine	Morobe Province, Papua New Guinea
2012	Lead Auditor for Barrick Gold of Australia's Plutonic Gold Mine	Western Australia, Australia
2012	Lead Auditor for Newmont Jundee Gold Mine	Western Australia, Australia
2012	Auditor for Newmont Waihi Goldmine	Bay of Plenty, New Zealand
2012	Auditor for Newmont Granites Gold Mine	Northern Territory, Australia

Year	Type of Facility, Type of Audit	Country & State/Province
2012	Lead Auditor for Barrick Gold of Australia's Lawlers Gold Mine	Western Australia, Australia
2011	Lead Auditor for Kalgoorlie Consolidated Gold Mines' Fimiston and Gidgi facilities.	Western Australia, Australia
2011	Lead Auditor for Barrick Gold of Australia's Kanowna Belle Gold Mine	Western Australia, Australia
2011	Lead Auditor for Barrick Gold of Australia's Darlot Gold Mine	Western Australia, Australia
2011	Auditor for Newcrest Telfer Gold Mine	Western Australia, Australia
Mining – Gold Mining (Cyanide Surveillance Audits & HSE Assessments)		
2016	Gap Analysis Auditor for Stawell Gold Mine	Victoria, Australia
2014	Olympic Dam HSE Assessment – Cyanide use and handling	South Australia, Australia
2013	Carpentaria Gold Mine HSE Assessment – Cyanide use and handling	Queensland, Australia
Operational Experience (In-house Auditing)		
2007-2018	<i>Golder Associates</i> In addition to the cyanide code auditing experience listed above I have also conducted environment, safety and health systems audits for mining operations and port facilities against AS4801/ISO 14001, license conditions, industry schemed and corporate EHS standards. I have also assisted clients and Golder development and implement EHS management systems for projects and operations.	Golder Associates, Western Australia
2005-2007	<i>Coles Group Limited</i> Occupational safety and health systems audits of the organisations <i>Safety Care</i> EHS Management System. Auditing aspects included safety, materials storage (including dangerous goods and hazardous substances), emergency response and public safety.	Western Australia, Northern Territory Australia
2002 - 2005	<i>London Borough of Richmond Upon Thames</i> On-site health and safety system auditing including compliance and system audits for operations of depots, workshops, yards and waste management facilities including transport and management of dangerous goods and hazardous substances, emergency response and public safety.	London, United Kingdom
2000-2002	<i>Beverley Health Scheme</i>	Western Australia, Australia

Year	Type of Facility, Type of Audit	Country & State/Province
	Health, safety, environmental, public building safety and food safety auditing incorporating emergency response issues associated local government activities and enforcement responsibilities.	

Cyanide and Operational Related Experience

Each auditor must have at least 3 years; at least one auditor must have at least 7 years experience

Operation	Years	Relevant Position Titles	Types of Operations
Golder Associates	11	EHS Specialist	<p>Since 2007, I have provided safety and environmental consulting services for transport, chemical, mining, and oil and gas industries. My time with mining has largely been spent with gold operations including new mine operating plans, compliance auditing, cyanide code pre-certification, gap analysis and certification auditing. I have spent at least 20% of my time working on issues relating to gold mining, transport and production of cyanide including consulting, compliance assessment and formal ICMC audits.</p> <p>I have also been involved with Code auditing (code equivalent audits and certification audits) of transportation systems within Australia, Papua New Guinea, China, Africa and New Zealand and with cyanide production facilities in Australia, China, and Africa. In addition to auditing I have developed and delivered cyanide management systems and training for mining and transport operations. I have spent at least 20% of my time each year working in issues related to transport of hazardous materials (excluding 2010).</p> <p>The remainder of my time has been spent consulting to resource development industries on safety management including hazardous materials management. The development of management plans, systems and processes to facilitate the safe extraction, transportation, storage and disposal of hazardous materials such as contaminated waste.</p>
Coles Group	1.5	Health and Safety Advisor, Western Australia and Northern Territory	<p>December 2005 to July 2007, I provided in-house safety management services to Coles Group Limited for their retail operations in Western Australia and the Northern Territory. The position was a specialist safety management role with responsibilities including:</p> <ul style="list-style-type: none"> ■ Incident investigation ■ Inspection and auditing storage including dangerous goods ■ Auditing EHS system components including contractor management and management of delivery areas

Operation	Years	Relevant Position Titles	Types of Operations
			<ul style="list-style-type: none"> Internal audit and gap analysis of site implementation of the Safety Care Management System.
London Borough of Richmond	3	Safety Manager/Safety Advisor	<p>2002-2005, I provided in-house safety management services the London Borough Council. The Council was responsible for a diverse range of services including education, waste management, contaminated sites, health, recreation and EHS compliance services. This was a safety specialist role with the focus on the development of EHS systems and auditing of higher risk activities including:</p> <ul style="list-style-type: none"> Management of hazardous materials across the council portfolio of properties and services that included designated HAZCHEM sites and associated aspects of hazardous material transport. Auditing of the Borough EHS management system implementation across council departments. Developing emergency response plans. Fire, security, hygiene and hazardous materials risk management. Incident investigation and reporting. <p>In the three years with Richmond Council I spent two years with least 20% of my time working on issues related to transport of hazardous materials.</p>

Statement of No Conflict

I certify that I have not audited any component of this facility for which I was responsible for design or development; nor have I within the past year been an employee of the facility, its parent company, or associated affiliates. Excluding audits, I have not derived more than 30% of my income within the past 5 years from the facility, its parent, or associated affiliates. I have not participated in more than two consecutive Cyanide Code audits of this facility. I have participated in at least 3 health, safety, and/or environmental audits in the past 7 years and am familiar with standard audit procedures as well as with the protocols developed by the International Cyanide Management Institute for implementation of the Code.

Signed	Name	Signature	Date
Lead Auditor	Mike Woods		29 March 2018

Use additional pages if necessary

*The lead auditor's signature must be certified by notarisation or equivalent.

*Signed before me at
West Perth Western Australia*



IAN BARRIE MURIE
16 Emerald Terrace
West Perth Western Australia
General Public Notary

29 March 2018



j:\env\2017 - environment\1778636 - orica aus_nz supply chains\correspondence out\icmi auditor credentials m woods orica nz supply chain.docx