# INTERNATIONAL CYANIDE MANAGEMENT INSTITUTE

## **Auditor Credentials Form**

Facility Audited:

Freight Forwarders Kenya Limited

Date:

27 January 2008 to 30 January 2008

# **Auditor and Technical Specialist Credentials**

Auditor:

**Edward Clerk** 

Auditor Certification Number:

020778

Certifying Organisation:

RABOSA International

Telephone Number:

+61 2 4728 4600

Address:

Suite 102, 148 Henry Street, Penrith BC NSW 2751

Web Site Address:

www.rabqsa.com

Minimum experience: 3 audits in past 7 years as Lead Auditor

Year	Type of Facility, Type of Audit Led	Country & State/Province	
2004- 2008	Environment audits and contaminated site audits, at various industrial, commercial and mining sites. Audits incorporated health and safety, training and emergency response elements where appropriate, notably::	Various Australia and Foreign.	
	2008 – International Cyanide Code Gold Mine Pre- Certification Audit (preoperational) for Dundee Precious Minerals's Chelopech processing facility. Lead Environmental Auditor and Technical Specialist.	,	
	2007 – International Cyanide Code Gold Mine Pre- Certification Audit for Barrick Gold of Australia's Plutonic processing facility. Lead Environmental Auditor and Technical Specialist.	12	
	2007 – International Cyanide Code Gold Mine Pre- Certification Audit for Barrick Gold of Australia's Kanowna Belle processing facility. Lead Environmental Auditor and Technical Specialist.		
	2007 – International Cyanide Code Gold Mine Pre- Certification Audit for Barrick Gold of Australia's Porgera processing facility. Lead Environmental Auditor and Technical Specialist.		
	<ul> <li>2007 - International Cyanide Code Gold Mine third party code equivalent transportation audit. Lead Auditor for Orica Australia Limited's New Zealand sodium cyanide transportation systems.</li> </ul>		
	<ul> <li>2007 - International Cyanide Code Gold Mine third party code equivalent transportation audit. Lead Auditor for Orica Australia Limited's transportation systems in Ghana.</li> </ul>		
	<ul> <li>2007 – International Cyanide Code Gold Mine Pre- Certification Audit for Newmont Tanami Operations. Lead Environmental Auditor.</li> </ul>		
	<ul> <li>2007 – International Cyanide Code Gold Mine Pre- Certification Audit for Newmont Jundee Operations. Lead Environmental Auditor.</li> </ul>		
	<ul> <li>2006 - International Cyanide Code Gold Mine third party code equivalent transportation audit. Lead Auditor for Orica Australia Limited's Queensland sodium cyanide transportation systems.</li> </ul>		
	<ul> <li>2006 - International Cyanide Code Gold Mine third party code equivalent</li> </ul>		

Year	Type of Facility, Type of Audit Led	Country & State/Province	
	transportation audit. Lead Auditor for Orica Australia Limited's Northern Territory sodium cyanide transportation systems.		
	2006 - International Cyanide Code Gold Mine third party code equivalent transportation audit. Lead Auditor for Orica Australia Limited's New South Wales sodium cyanide transportation systems.		
	2006 – International Cyanide Code Gold Mine Pre- Certification Audit for KCGM Gidji Roaster. Lead Environmental Auditor.		
*	2006 – International Cyanide Code Gold Mine Pre- Certification Audit for KCGM Fimiston Plant. Lead Environmental Auditor.		
	2006 – International Cyanide Code Production Certification Audit for Orica Australia. Lead Environmental Auditor.		
	2006 – Copper mine Due Diligence Audit and review of Bankable feasibility Study for Macquarie Bank. Lead Environmental Auditor.		
	2006 - Mineral sands due diligence review. Lead Environmental Auditor.		
	2005 – Manganese mine Due Diligence Audit for environmental Commonwealth Bank. Lead Environmental Auditor.		
	2005 – Fertiliser factory (5) Environmental Due Diligence/Compliance Audit.  Lead Environmental Auditor.		
	2004 – Gold mine due diligence audit against Canadian Securities Act – National Instrument 43-101. Lead Environmental Auditor.		
	2004 – Gold mine due diligence audit against Canadian Securities Act – National Instrument 43-101. Lead Environmental Auditor.		
2000-	Gold Mines	Tanzania, East	
2004	Internal Environmental auditing including compliance and system audits.	Africa.	
	Lead Auditor (Environmental Superintendent - Tanzania)	-	
1998-	Nickel Mine and Refining Facility	Western Australia,	
2000	On-site environmental auditing including compliance and system audits. Audits incorporated health and safety issues and emergency response where appropriate.	Australia.	
	Lead Auditor role		
1996-	Gold Mine	Queensland,	
1998	On-site environmental auditing including compliance and system audits for operational gold mine.	Australia.	
	Lead Auditor role		
1994-	State Government Environmental Agency	Queensland,	
1996	Environmental auditing incorporating emergency response and health and safety issues associated with manufacturing, maintenance, waste, chemical processing, construction and minor extractive industries.	Australia.	

# Cyanide-Related Operations Experience

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

Auditor Yrs.		Relevant Position Titles	Types of Operations		
Edward W Clerk, CEnvP	3.5	Senior Environmental Scientist, Manager Mining Environmental Services	Since August 2004, Mr. Clerk has provided environmental consulting services for the mining industry. Approximately 50% of his time has been spent with gold operations including new mine operating plans, mine permitting, compliance auditing, cyanide code pre-certification and certification auditing, remediation and closure plans, and closure cost assessment.		
3	6	Environmental Superintendent – Tanzania Environmental coordinator.	Between 1996 to 1998 and 2000 to 2004, Mr. Clerk has provided inhouse environmental management and auditing services to gold mining companies in both Western Australia (Gold Mines of Australia) and Tanzania (Barrick Gold).		

#### 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,	Lead Auditor*	Name Edward Clerk	Signature	Date
	Lead Addition	Edward Clerk	leli.	23-4-03
				#

Signed at Wen Pult Western Australia on 23rd April 2008

Use additional pages if necessary

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

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

## INTERNATIONAL CYANIDE MANAGEMENT INSTITUTE

## **Auditor Credentials Form**

**Facility Audited:** Freight Forwarders Kenya Limited 27 January 2008 to 30 January 2008

## **Auditor and Technical Specialist Credentials**

Technical Specialist: Ken Price B.Sc. (Hons), Grad Dip Admin

Director,

Riskom International Pty Ltd

97 Tweeddale Road

APPLECROSS WA 6153

Auditor Certification Number: PACIA Accredited Auditor for Dangerous Goods Transport

(no number)

Certifying Organisation: PACIA (Plastics and Chemicals Industry Association)

Telephone Number: +61 3 9426 3805

Address: Level 2, 263 Mary Street, RICHMOND VIC 3121

Web Site Address: <a href="www.pacia.org.au">www.pacia.org.au</a>

Minimum experience: 3 audits in past 7 years as Lead Auditor

Year	Type of Facility, Type of Audit Led	Country & State/Province
2008	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Chemtrans' Townsville sodium cyanide transportation systems.	Queensland WA
2008	Comprehensive dangerous goods audit of Worsley Alumina P/L refinery operations for compliance with WA dangerous goods legislation. Lead Auditor.	Western Australia
2008	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Freight Forwarders Kenya's transportation systems in Kenya	Kenya
2008	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Freight Forwarders Tanzania's transportation systems in Tanzania.	Tanzania
2007	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Orica Australia Limited's transportation systems in Ghana.	Ghana
2007	Audited the explosives manufacturing facilities of TK-SV in Saraburi Thailand. This involved reviewing all operations from receival and storage of raw materials through the chemical plant mixing process to storage of packaged and bulk finished product and the mobile manufacturing units.	Thailand, Malaysia
2007	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Orica Australia Limited's Peruvian sodium cyanide transportation systems.	Peru

Year	Type of Facility, Type of Audit Led	Country & State/Province
2007	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Orica Australia Limited's Thai sodium cyanide transportation systems.	Thailand
2007	Audited the explosives transport and storage operations in Hong Kong for compliance with international best practice, for the Hong Kong government.	Hong Kong.
2007	Audited the storage of all dangerous goods at the Magellan mine of Ivernia, for compliance with Western Australian Dangerous Goods legislation.	Western Australia
2006	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Orica Australia Limited's Northern Territory sodium cyanide transportation systems.	Australia
2006	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Orica Australia Limited's New South Wales sodium cyanide transportation systems.	Australia
2006	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Orica Australia Limited's Queensland sodium cyanide transportation systems.	Australia
2006	International Cyanide Code Gold Mine third party transportation audit. Technical Expert (Transport) Auditor for Orica Australia Limited's Western Australian sodium cyanide transportation systems.	Australia
2001- 2006	Review the storage facilities for Dangerous Goods at Newcrest Telfer Operation. Chemicals include cyanide in solid and liquid (plus mixing and delivery operations) ammonium nitrate, ANE, explosives, xanthates, NaSH, sulphuric acid, sodium hydroxide, potassium nitrate etc.  The review was to ensure compliance with WA State legal requirements for safe storage.	Western Australia, .Newcrest Telfer mining operation, Great Sandy Desert.
2005	Reviewed the operation of and guided the final design of a small innovative explosives factory for Johnsons Hitech on the Kalgoorlie Explosives Reserve.	Western Australia, Kalgoorlie
2005	Audited the design of an emulsion plant for manufacturing explosives for Chemrock.	Western Australia, Perth and Kalgoorlie
2002 and 2004	Audited the explosives manufacturing facilities of Tenaga Kimia in Malaysia (Batu Orang and Kuala Lipis facilities). This involved reviewing all operations from receival and storage of raw materials through the chemical plant mixing process to storage of packaged and bulk finished product.  The audit also included a detonator plant.	Malaysia, Batu Orang (Selangor) Kuala Lipis (Pahang)
2001	Led a three-person team auditing the safety of transport and storage of sulfuric acid for Brambles Australia from the Perth and Kalgoorlie regions to places of use in the Eastern and Murchison goldfields of Western Australia.  The review was to ensure compliance with WA State legal requirements for safe transport.	Western Australia, Perth metropolitan area, Eastern and Murchison goldfields.

# **Cyanide-related Operations Experience**

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

Auditor	Yrs.	Relevant Position Titles	Types of Operations
Ken Price	of Explosives and Dangerous   was responsible for ap		As Acting Director (1985) or Director (1990-2000), I was responsible for approving the cyanide manufacturing storage and transport operations in Western Australia.
		Director Riskom International Pty Ltd	Activities over this period included approving the initial scope of the plant, assessing and endorsing transport methods and routes. Subsequent amendments to transport operations to allow the use of road trains included comparative risk analysis
			Since leaving government, I have audited the designs for cyanide storage for Newcrest Telfer mining operations in Western Australia.

#### **Statement of No Conflict**

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Signed	Name	Signature		Date
Technical Specialist	Ken Price	Krice	t	13 November 2007.