
ICMI CYANIDE CERTIFICATION AUDIT – AUDITOR CREDENTIALS

INTERNATIONAL CYANIDE MANAGEMENT INSTITUTE**Auditor Credentials Form****Facility Audited:** Target Gold Plant, South Africa**Date:** 27 March 2017 to 30 March 2017**Lead Auditor Credentials:**

Lead Auditor: Ed Perry

Auditor Certification Number: 0004973

Certifying Organization: Institute of Environmental Management and Assessment (IEMA)

Telephone Number: +44 (0) 1522 54009

Address: St Nicholas House, 70 Newport, Lincoln, LN1 3DP, UK

Website Address: www.iema.netMinimum Experience: 3 Audits in past 7 years as Lead Auditor

Year	Type of Facility, Type of Audit Led	Country
2017	Lead Auditor for gold mining operations cyanide re-certification audit for Harmony Gold Mining, Central Gold Mine	South Africa
2017	Lead Auditor for gold mining operations cyanide re-certification audit for Harmony Gold Mining, Doornkop Gold Plant	South Africa
2017	Lead Auditor for gold mining operations cyanide re-certification audit for Harmony Gold Mining, Kusasaletu Gold Mine	South Africa
2017	Lead Auditor for gold mining operations cyanide re-certification audit for Harmony Gold Mining, No.1 Plant	South Africa
2017	Lead Auditor for gold mining operations cyanide re-certification audit for Harmony Gold Mining, Target Gold Mine	South Africa
2016	Lead Auditor for cyanide code gap analysis for Newmont, Ahafo Gold Mine	Ghana
2016	Lead Auditor for gold mining operations cyanide re-certification audit for Evander Gold Mine	South Africa
2015	Lead Auditor for gold mining operations cyanide re-certification audit for AngloGold Ashanti Sadiola Gold Mine	Mali
2015	Lead Auditor for gold mining operations cyanide re-certification audit for AngloGold Ashanti Yatela Gold Mine	Mali
2014	Lead Auditor for gold mining operations cyanide re-certification audit for Goldfields Tarkwa Gold Mine	Ghana

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Year	Type of Facility, Type of Audit Led	Country
2014	Lead Auditor for gold mining operations cyanide re-certification audit for Goldfields Damang Gold Mine	Ghana
2014	Lead Auditor for gold mining operations cyanide re-certification audit for Goldfields South Deep Gold Mine, South Africa	South Africa
2014	Lead Auditor for gap analysis of Freda Rebecca Gold Mine, Zimbabwe.	Zimbabwe
2014	Lead Auditor for cyanide code transportation re-certification audit of Vehrad Transport, Ghana.	Ghana
2013	Lead Auditor for gold mining operations cyanide code re-certification audit for AngloGold Ashanti Mponeng Gold Plant, South Africa	South Africa
2013	Lead Auditor for gold mining operations cyanide code re-certification audit for AngloGold Ashanti Savuka Gold Plant, South Africa	South Africa
2013	Lead Auditor for gold mining operations cyanide code re-certification audit for AngloGold Ashanti West Gold Plant, South Africa	South Africa
2013	Lead Auditor for gold mining operations cyanide code re-certification audit for AngloGold Ashanti Noligwa Gold Plant, South Africa	South Africa
2013	Lead Auditor for gold mining operations cyanide code re-certification audit for AngloGold Ashanti Kopanang Gold Plant, South Africa	South Africa
2012	Lead Auditor for cyanide production re-certification audit Sasol Polymers Cyanide Plant 1 and 2, South Africa	South Africa
2012	Lead Auditor for environmental and health and safety audit of steel producer in Nairobi, Kenya.	Kenya
2012	Lead Auditor undertaking review of EIA, EMP and site procedures against the requirements of the IFC Procedures of coal mines in South Africa.	South Africa
2011 - 2013	Project Manager and lead auditor for the rectification of environmental legislative non-compliances for an iron and steel manufacturing company in South Africa.	South Africa
2011	Lead Auditor for a due diligence audit of a white goods manufacturing company in Kwa-Zulu Natal, South Africa.	South Africa
2011	Lead Auditor for a due diligence audit of a mineral sands mining operation in Senegal.	Senegal
2010	Lead Auditor for cyanide production audit of Lučebni závody Draslovka a. sKolin facility in the Czech Republic.	Czech Republic
2010	Lead Auditor for waste audit of 40 premises, equating to 35,000 people for major UK financial organisation.	UK
2010	Lead Auditor for environmental management system audit of Burnstone Gold Mine, South Africa for Great Basin Gold Limited.	South Africa
2010	Lead Auditor for waste audit of regional hospital in London,	UK

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Year	Type of Facility, Type of Audit Led	Country
	UK.	
2009	Lead Auditor for waste audit of regional hospital in Cambridge, UK.	UK
2009	Lead Auditor for legislative compliance audit for European headquarters of Pepsico, Richmond, UK.	UK
2009	Lead Auditor for environmental management system audit of Sandsfield Landfill, Yorkshire, UK.	UK
2009	Lead Auditor for environmental management system audit of Nestle pet food manufacturing facility, Wisbech, Lincolnshire, UK.	UK

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
Ed Perry	20+	Environmental Auditor	Since 1996 Ed Perry has been an environmental consultant auditing manufacturing, waste and mining facilities. He has been involved with environmental and health and safety auditing and permitting.



Auditor	Yrs.	Relevant Position Titles	Types of Operations
Marie Schlechter	2017	ICMI Cyanide Code Recertification Audits: Technical Auditor	Harmony Gold Mining Company, Target Gold Mine; Harmony Gold Mining Company, No.1 Gold Plant; Harmony Gold Mining Company, Kusasaletu Gold Mine; Harmony Gold Mining Company, Doornkop Gold Mine; and Harmony Gold Mining Company, Central Gold Mine.
	2016	Cyanide Code Gap Audit, Technical Auditor	Newmont, Ahafo Gold Mine, Ghana
	2016	ICMI Cyanide Code Recertification Audits: Technical Auditor	Evander Gold Mine, South Africa
	2015	ICMI Cyanide Code Recertification Audits: Technical Auditor	AngloGold Ashanti Sadiola Gold Mine, Mali AngloGold Ashanti Yatela Gold Mine, Mali
	2014	ICMI Cyanide Code Recertification Audits: Technical Auditor	Goldfields South Deep Gold Mine, South Africa

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Auditor	Yrs.	Relevant Position Titles	Types of Operations
	2013	ICMI Cyanide Code Recertification Audits: Technical Auditor	AngloGold Ashanti Kopanang Gold Plant, South Africa AngloGold Ashanti Noligwa Gold Plant, South Africa AngloGold Ashanti West Gold Plant, South Africa AngloGold Ashanti Savuka Gold Plant, South Africa AngloGold Ashanti Mponeng Gold Plant, South Africa
	2011 - present	Snr Environmental Scientist – Golder Associates	Marie has worked in the gold mining industry since 2000 and gained extensive experience in the management of the industry specific risks associated with the processes and associate infrastructure on gold mines and specifically the cyanidation facilities and associated aspects.
	2006 - 2011	Snr Environmental Coordinator – AngloGold Ashanti	

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*	Ed Perry		9 August 2016
Gold Mine Technical Expert Auditor	Marie Schlechter		9 August 2016

Use additional pages if necessary

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

I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRESENTATION (COPY) OF THE ORIGINAL WHICH WAS HANDED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT FROM MY OBSERVATION, AN AMENDMENT OR CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT

 DATE: 7 Aug 2017

COMMISSIONER OF OATHS
Margaretha Johanna Kotze
Golder Associates Africa (Pty) Ltd
Administration Manager
Building 1, Maxwell Office Park, Waterfall City, Midrand
REF: 9/1/8/2 Pretoria
2007/08/29