

## Auditor Credentials Form

**Facility Audited: Gold Fields St Ives Gold Mine, Australia**

**Date:- 23<sup>rd</sup> – 27<sup>th</sup> April 2012**

**Lead Auditor Credentials**

Lead Auditor: Arend Hoogervorst  
 Eagle Environmental  
 Private Bag X06  
 KLOOF 3640, South Africa

Tel: - +27 31 7670244  
 Fax: - +27 31 7670295  
 Email: - [arend@eagleenv.co.za](mailto:arend@eagleenv.co.za)

Certifying Organization: Name: RABQSA  
 Telephone Number: - +61 2 4728 4600  
 Address: P O Box 347, Penrith BC, NSW 2751, Australia  
 Web Site Address: - [www.rabqsa.com](http://www.rabqsa.com)

Auditor Certification Number: 12529

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

Year	Type of Facility, Type of Audit Led	Country & State/Province
1991 to 2007 – 111 audits (Audit logs held by RABQSA & ICMI)	Chemicals, manufacturing, oil and gas, mining (gold, coal, chrome), foods, and heavy industry sectors. EMS, Compliance, Environmental Due Diligence, HSEC, SHE audits. Lead Auditor in 81 audits.	South Africa, Botswana, Mozambique, Mali, Namibia, Ghana
2006	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b> *Sasol Polymers Cyanide Plants 1 & 2 and Storage Areas (Production) *Sasol SiLog (Transportation)	South Africa South Africa
2007	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b> *AngloGold Ashanti West Gold Plant *AngloGold Ashanti East Gold Acid Float Plant *AngloGold Ashanti Noligwa Gold Plant *AngloGold Ashanti Kopanang Gold Plant *AngloGold Ashanti Savuka Gold Plant *AngloGold Ashanti Mponeng Gold Plant	South Africa South Africa South Africa South Africa South Africa South Africa
2007	<b>ICMI Cyanide Code Gap Analyses: Lead Auditor</b> *Goldfields Tarkwa Gold Mine *Goldfields Abusso Damang Mine *Goldfields South Deep Gold Mine *Goldfields Beatrix 1 Gold Mine *Goldfields Beatrix 2 Gold Mine *Goldfields Driefontein No 1 Gold Mine	Ghana Ghana South Africa South Africa South Africa

2008	<ul style="list-style-type: none"> <li>*Goldfields Kloof No 1 Gold Mine</li> <li>*Goldfields Kloof No 2 Gold Mine</li> <li>*Goldfields Driefontein No 2Gold Mine</li> <li>*Goldfields Driefontein No 3 Gold Mine</li> <li>*Goldfields St Ives Gold Mine</li> <li>*Goldfields Agnew Gold Mine</li> <li>* Harmony No 1 Gold Plant</li> <li>*AngloGold Ashanti Africa – Morila Gold Mine</li> <li>* AngloGold Ashanti Africa – Sadiola &amp; Yatela Gold Mines</li> </ul> <p><b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b></p> <ul style="list-style-type: none"> <li>*Goldfields Tarkwa Gold Mine</li> <li>*Goldfields Abusso Damang Mine</li> <li>*Vehrad Transport &amp; Haulage</li> <li>* Goldfields South Deep Gold Mine</li> <li>* Goldfields Beatrix Gold Mine</li> <li>*Goldfields Driefontein Gold Mine</li> <li>* Goldfields St Ives Gold Mine</li> <li>* Goldfields Agnew Gold Mine</li> <li>* Goldfields Kloof Gold Mine</li> <li>* AngloGold Ashanti Africa – Siguiri Gold Mine</li> <li>* AngloGold Ashanti Africa – Yatela Gold Mine</li> </ul>	<p>South Africa South Africa South Africa</p> <p>South Africa</p> <p>Australia Australia South Africa Mali</p> <p>Mali</p> <p>Ghana Ghana Ghana South Africa South Africa South Africa Australia Australia South Africa Guinea</p> <p>Mali</p>
2008	<p><b>ICMI Cyanide Code Gap Analyses: Lead Auditor</b></p> <ul style="list-style-type: none"> <li>*AngloGold Ashanti Africa – Navachab Gold Mine</li> <li>*AngloGold Ashanti Africa – Gaita Gold Mine</li> <li>*Harmony Doornkop Gold Mine</li> <li>*AngloGold Ashanti Africa – Iduapriem Gold Mine</li> <li>*AngloGold Ashanti Africa – Siguiri Gold Mine</li> <li>*Harmony Central Gold Mine</li> <li>*Harmony Kalgold Gold Mine</li> <li>*Harmony Evander Gold Mine</li> <li>*Harmony Target Gold Mine</li> <li>*Harmony Saaiplaas Gold Mine</li> </ul>	<p>Namibia</p> <p>Tanzania</p> <p>South Africa Ghana</p> <p>Guinea</p> <p>South Africa South Africa South Africa South Africa South Africa</p>
2009	<p><b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b></p> <ul style="list-style-type: none"> <li>*Sasol Polymers Cyanide Plants 1 &amp; 2 and Storage Areas (Production)</li> <li>*Sasol SiLog (Transportation)</li> </ul>	<p>South Africa</p> <p>South Africa</p>
2010	<p><b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b></p> <ul style="list-style-type: none"> <li>*Harmony Elandsrand Gold Plant</li> </ul>	<p>South Africa</p>

2011	*Harmony No 1 Gold Plant	South Africa
	*Harmony Target Gold Plant	South Africa
	*Harmony Central Gold Plant	South Africa
	*Harmony Saaiplaas Gold Plant	South Africa
	*Harmony Evander-Kinross Gold Plant	South Africa
	*Harmony Doornkop Gold Plant	South Africa
	*AngloGold Ashanti Kopanang Gold Plant	South Africa
	*AngloGold Ashanti East Gold Acid and Float (EGAF) Gold Plant	South Africa
	*AngloGold Ashanti Mponeng Gold Plant	South Africa
	*AngloGold Ashanti Savuka Gold Plant	South Africa
*AngloGold Ashanti Noligwa Gold Plant	South Africa	
2012	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b>	
	*Newmont Ghana Ahafo Gold Mine	Ghana
	*Vehrad Transport & Haulage	Ghana
	*Gold Fields Ghana Damang Gold Mine	Ghana
	*Gold Fields Ghana Tarkwa Gold Mine	Ghana
	*African Barrick Tulawaka Gold Mine	Tanzania
	*Tanker Services (Transportation)	South Africa
	*Gold Fields South Deep Gold Mine	South Africa
	*Gold Fields Beatrix Gold Mine	South Africa
	*African Barrick Gold Bulyanhulu Mine	Tanzania
*Gold Fields Driefontein Gold Mine	South Africa	

### 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
Dawie Viljoen	33	2012	<b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b> *African Barrick Gold Bulyanhulu Mine *Gold Fields Driefontein Gold Mine
		2011	<b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b> *Newmont Ghana Ahafo Gold Mine *Gold Fields Ghana Tarkwa Gold Mine *Gold Fields Ghana Damang Gold Mine *African Barrick Tulawaka Gold Mine *Gold Fields South Deep Gold Mine *Gold Fields Beatrix Gold Mine *African Barrick Gold Bulyanhulu Mine
		2010	<b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b> *Harmony Elandsrand Gold Plant *Harmony No 1 Gold Plant *Harmony Target Gold Plant *Harmony Central Gold Plant *Harmony Saaiplaas Gold Plant

			<ul style="list-style-type: none"> <li>*Harmony Evander-Kinross Gold Plant</li> <li>*Harmony Doornkop Gold Plant</li> <li>*AngloGold Ashanti Kopanang Gold Plant</li> <li>*AngloGold Ashanti East Gold Acid and Float (EGAF) Gold Plant</li> <li>*AngloGold Ashanti Mponeng Gold Plant</li> <li>*AngloGold Ashanti Savuka Gold Plant</li> <li>*AngloGold Ashanti Noligwa Gold Plant</li> <li>*Newmont Ghana Ahafo Gold Mine</li> </ul>
		2009	<p><b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b></p> <ul style="list-style-type: none"> <li>*Sasol Polymers Cyanide Plants 1 &amp; 2 and Storage Areas (Production)</li> <li>*Sasol SiLog (Transportation)</li> </ul>
		2008	<p><b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b></p> <ul style="list-style-type: none"> <li>*Goldfields Tarkwa Gold Mine</li> <li>*Goldfields Abusso Damang Mine</li> <li>*Goldfields South Deep Gold Mine</li> <li>*Goldfields Beatrix 2 Gold Mine</li> <li>*Goldfields Beatrix 1 Gold Mine</li> <li>*Goldfields Driefontein 1 Gold Mine</li> <li>*Goldfields Driefontein 2 Gold Mine</li> <li>*Goldfields Driefontein 3 Gold Mine</li> <li>*Goldfields St Ives Gold Mine</li> <li>*Goldfields Agnew Gold Mine</li> <li>*Goldfields Kloof 1 Gold Mine</li> <li>*Goldfields Kloof 2 Gold Mine</li> </ul>
		2008	<p><b>ICMI Cyanide Code Gap Analyses: Technical Auditor</b></p> <ul style="list-style-type: none"> <li>*AngloGold Ashanti Africa – Navachab Gold Mine</li> <li>*AngloGold Ashanti Africa – Gaita Gold Mine</li> <li>*Harmony Doornkop Gold Mine</li> <li>*AngloGold Ashanti Africa – Iduapriem Gold Mine</li> <li>*AngloGold Ashanti Africa – Siguiri Gold Mine</li> <li>*Harmony Central Gold Mine</li> <li>*Harmony Kalgold Gold Mine</li> <li>*Harmony Evander Gold Mine</li> <li>*Harmony Target Gold Mine</li> <li>*Harmony Saaiplaas Gold Mine</li> </ul>
		2007	<p><b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b></p> <ul style="list-style-type: none"> <li>*AngloGold Ashanti West Gold Plant</li> <li>*AngloGold Ashanti East Gold Acid</li> </ul>

			<p>Float Plant</p> <p>*AngloGold Ashanti Noligwa Gold Plant</p> <p>*AngloGold Ashanti Kopanang Gold Plant</p> <p>*AngloGold Ashanti Savuka Gold Plant</p> <p>*AngloGold Ashanti Mponeng Gold Plant</p>
	2007		<p><b>ICMI Cyanide Code Gap Analyses:</b></p> <p><b>Technical Auditor</b></p> <p>*Goldfields Tarkwa Gold Mine</p> <p>*Goldfields Abusso Damang Mine</p> <p>*Goldfields South Deep Gold Mine</p> <p>*Goldfields Beatrix 1 Gold Mine</p> <p>*Goldfields Beatrix 2 Gold Mine</p> <p>*Goldfields Driefontein No 1 Gold Mine</p> <p>*Goldfields Kloof No 1 Gold Mine</p> <p>*Goldfields Kloof No 2 Gold Mine</p> <p>*Goldfields Driefontein No 2 Gold Mine</p> <p>*Goldfields Driefontein No 3 Gold Mine</p> <p>*Goldfields St Ives Gold Mine</p> <p>*Goldfields Agnew Gold Mine</p> <p>*Harmony No 1 Gold Plant</p> <p>*AngloGold Ashanti Africa – Morila Gold Mine</p> <p>*AngloGold Ashanti Africa – Sadiola &amp; Yatela Gold Mines</p>
	2006		<p>*AngloGold Ashanti West Gold Plant</p> <p>*AngloGold Ashanti East Gold Acid Float Plant</p> <p>*AngloGold Ashanti Noligwa Gold Plant</p> <p>*AngloGold Ashanti Kopanang Gold Plant</p> <p>*AngloGold Ashanti Savuka Gold Plant</p> <p>*AngloGold Ashanti Mponeng Gold Plant</p>
	2000 to 2007		<p>Managing Member Afritech Technical and Management services</p>
	1997 - 2000		<p>Manager: AngloGold Ashanti Metallurgical Technical Services</p>
	1995 - 1997		<p>Metallurgical Manager: Vaal Reefs Exploration and Mining Company</p>
	1990 - 1995		<p>Project Metallurgist: Vaal Reefs Exploration and Mining Company Projects</p>

	1987 – 1990	Plant Manager: Vaal Reef Exploration and Mining Company
	1980- 1985	Production Superintendent Anglo American
	1977 - 1980	Snr Plant Metallurgist – Anglo American

**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*	Arend Hoogervorst		13/8/12
Notarised/certified	 <b>ESNA DRENNAN</b> Conveyancing Paralegal McGLASHAN McKEOWN INC. Commissioner of Oaths RSA 28 Old Main Road, Hillcrest 3610 Ref: 9/1/8/2 Pinetown 29/06/2011		
Technical Auditor	Dawie Viljoen		7/8/2012

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