

### Auditor Credentials Form

**Facility Audited:** Ma'aden Gold and Base Metals Al Amar Gold Mine, Saudi Arabia, Recertification Audit

**Date:** - 8<sup>th</sup> – 12<sup>th</sup> April 2018

**Lead Auditor and Production Auditor Credentials**

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

Tel: - +27 31 7670244

Email: - [arend@eagleenv.co.za](mailto:arend@eagleenv.co.za)

Certifying Organization: Name: Exemplar Global  
 Telephone Number: - +61 2 4728 4600  
 Address: P O Box 347, Penrith BC, NSW 2751, Australia  
 Web Site Address: - <http://www.exemplarglobal.org/>

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 Exemplar Global & 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	Ghana Ghana South Africa South Africa South Africa

	<p>Mine</p> <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>South Africa South Africa South Africa South Africa Australia Australia South Africa Mali Mali</p>
2008	<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>Ghana Ghana Ghana South Africa South Africa South Africa Australia Australia South Africa Guinea 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 Tanzania South Africa Ghana Guinea 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 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> <li>*Harmony No 1 Gold Plant</li> <li>*Harmony Target Gold Plant</li> <li>*Harmony Central Gold Plant</li> <li>*Harmony Saaiplaas Gold Plant</li> <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> </ul>	<ul style="list-style-type: none"> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> </ul>
2011	<p><b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b></p> <ul style="list-style-type: none"> <li>*Newmont Ghana Ahafo Gold Mine</li> <li>* Vehrad Transport &amp; Haulage</li> <li>*Gold Fields Ghana Damang Gold Mine</li> <li>*Gold Fields Ghana Tarkwa Gold Mine</li> <li>*African Barrick Tulawaka Gold Mine</li> <li>* Tanker Services (Transportation)</li> <li>* Gold Fields South Deep Gold Mine</li> <li>* Gold Fields Beatrix Gold Mine</li> </ul>	<ul style="list-style-type: none"> <li>Ghana</li> <li>Ghana</li> <li>Ghana</li> <li>Ghana</li> <li>Tanzania</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> </ul>
2012	<p><b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b></p> <ul style="list-style-type: none"> <li>*African Barrick Gold Bulyanhulu Mine</li> <li>*Gold Fields Driefontein(KDC)Gold Mine</li> <li>*Gold Fields St Ives Gold Mine</li> <li>*Gold Fields Agnew Gold Mine</li> <li>*African Gold Barrick North Mara Gold Mine</li> <li>*AngloGold Ashanti Yatela Gold Mine</li> <li>*AngloGold Ashanti Sadiola Gold Mine</li> </ul>	<ul style="list-style-type: none"> <li>Tanzania</li> <li>South Africa</li> <li>Australia</li> <li>Australia</li> <li>Tanzania</li> <li>Mali</li> <li>Mali</li> </ul>
2013	<p><b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b></p> <ul style="list-style-type: none"> <li>*AngloGold Ashanti Siguiri Gold Mine</li> <li>*African Barrick Gold Buzwagi Gold Mine</li> <li>*AngloGold Ashanti Navachab Gold Mine</li> <li>*Harmony Joel Gold Mine</li> <li>*Harmony Evander Gold Mine</li> <li>*Harmony Kusasaletu Gold Mine</li> <li>*Harmony One Plant</li> <li>*Harmony Target Gold Mine</li> <li>*Harmony Saaiplaas Gold Plant</li> <li>*Harmony Central Gold Plant</li> <li>*Harmony Doornkop Gold Mine</li> <li>*AngloGold Ashanti Obuasi Gold Mine</li> </ul>	<ul style="list-style-type: none"> <li>Guinea</li> <li>Tanzania</li> <li>Namibia</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> <li>South Africa</li> </ul>

2014	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b> *Newmont Ahafo Gold Mine *Vehrad Transport & Haulage (Production) *Ma'Aden Gold & Base Metals(Consignor) *Ma'Aden Gold & Base Metals Al Amar Gold Mine * Newmont Akyem Gold Mine	Ghana Ghana Ghana Saudi Arabia Saudi Arabia Ghana
2015	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor (and/or Production Auditor)</b> *Acacia Bulyanhulu Gold Mine *Sasol SA Cyanide 1 &2 (Production) *AngloGold Ashanti Iduapriem Gold Mine	Tanzania South Africa Ghana
2016	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b> *AngloGold Ashanti Geita Gold Mine *Acacia North Mara Gold Mine *Harmony Joel God Mine	Tanzania Tanzania South Africa
2017	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b> *AngloGold Ashanti Noligwa Gold Plant *AngloGold Ashanti West Gold Plant *AngloGold Ashanti Kopanang Gold Plant *AngloGold Ashanti Mponeng Gold Plant *AngloGold Ashanti Savuka Gold Plant *Acacia Buzwagi Gold Plant *Vehrad Transport & Haulage Company (Transport) *Vehrad Transport & Haulage Company (Production)	South Africa South Africa South Africa South Africa South Africa Tanzania Ghana Ghana
2018	<b>ICMI Cyanide Code Compliance Audits: Lead Auditor</b> *Newmont Akyem Gold Mine	Ghana

#### 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	42	2018	<b>ICMI Cyanide Code Compliance Audits : Technical Auditor</b> *Newmont Akyem Gold Mine
		2017	<b>ICMI Cyanide Code Compliance</b>

			<p><b>Audits : Technical Auditor</b>  *AngloGold Ashanti Noligwa Gold Plant  *AngloGold Ashanti West Gold Plant  *AngloGold Ashanti Kopanang Gold Plant  *AngloGold Ashanti Mponeng Gold Plant  *AngloGold Ashanti Savuka Gold Plant  *Acacia Buzwagi Gold Mine</p>
		2016	<p><b>ICMI Cyanide Code Compliance Audits : Technical Auditor</b>  *AngloGold Ashanti Geita Gold Mine  *Acacia North Mara Gold Mine  *Harmony Joel Gold Mine</p>
		2015	<p><b>ICMI Cyanide Code Compliance Audits : Technical Auditor</b>  *AngloGold Ashanti Iduapriem Gold Mine  *Acacia Bulyanhulu Gold Mine  * Ma’aden Gold and Base Metals Bulgah Gold Mine</p>
		2014	<p><b>ICMI Cyanide Code Compliance Audits : Technical Auditor</b>  *Newmont Ahafo Gold Mine  *Ma’aden (MGBM)Al Amar Gold Mine  *Newmont Akyem Gold Mine</p>
		2013	<p><b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b>  *AngloGold Ashanti Obuasi Gold Mine  *Harmony Doornkop Gold Mine  *Harmony Central Gold Plant  *Harmony Saaiplaas Gold Plant  *Harmony Target Gold Mine  *Harmony One Plant  *Harmony Kusasalethu Gold Mine  *Harmony Evander Gold Mine  *Harmony Joel Gold Mine  *AngloGold Ashanti Navachab Gold Mine  *African Barrick Gold Buzwagi Gold Mine  *AngloGold Ashanti Siguiri Gold Mine</p>
		2012	<p><b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b>  *AngloGold Ashanti Sadiola Gold Mine  * AngloGold Ashanti Yatela Gold Mine  *African Barrick Gold Bulyanhulu Mine  *Gold Fields Driefontein (KDC) Gold Mine</p>



			<ul style="list-style-type: none"> <li>*Gold Fields St Ives Gold Mine</li> <li>*Gold Fields Agnew Gold Mine</li> <li>*African Gold Barrick North Mara Gold Mine</li> </ul>
		2011	<p><b>ICMI Cyanide Code Compliance Audits : Technical Auditor</b></p> <ul style="list-style-type: none"> <li>*Newmont Ghana Ahafo Gold Mine</li> <li>*Gold Fields Ghana Tarkwa Gold Mine</li> <li>*Gold Fields Ghana Damang Gold Mine</li> <li>*African Barrick Tulawaka Gold Mine</li> <li>*Gold Fields South Deep Gold Mine</li> <li>*Gold Fields Beatrix Gold Mine</li> </ul>
		2010	<p><b>ICMI Cyanide Code Compliance Audits: Technical Auditor</b></p> <ul style="list-style-type: none"> <li>*Harmony Elandsrand Gold Plant</li> <li>*Harmony No 1 Gold Plant</li> <li>*Harmony Target Gold Plant</li> <li>*Harmony Central Gold Plant</li> <li>*Harmony Saaiplaas Gold Plant</li> <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>
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		2008	<b>ICMI Cyanide Code Gap Analyses:</b>

			<p><b>Technical Auditor</b></p> <ul style="list-style-type: none"> <li>*AngloGold Ashanti Africa – Navachab Gold Mine</li> <li>*AngloGold Ashanti Africa – Geita 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><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 Float Plant</li> <li>*AngloGold Ashanti Noligwa Gold Plant</li> <li>*AngloGold Ashanti Kopanang Gold Plant</li> <li>*AngloGold Ashanti Savuka Gold Plant</li> <li>*AngloGold Ashanti Mponeng Gold Plant</li> </ul>
		2007	
		2007	<p><b>ICMI Cyanide Code Gap Analyses: 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 1 Gold Mine</li> <li>*Goldfields Beatrix 2 Gold Mine</li> <li>*Goldfields Driefontein No 1 Gold Mine</li> <li>*Goldfields Kloof No 1 Gold Mine</li> <li>*Goldfields Kloof No 2 Gold Mine</li> <li>*Goldfields Driefontein No 2 Gold 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>
		2006	<ul style="list-style-type: none"> <li>*AngloGold Ashanti West Gold Plant</li> <li>*AngloGold Ashanti East Gold Acid Float Plant</li> <li>*AngloGold Ashanti Noligwa Gold</li> </ul>

		Plant *AngloGold Ashanti Kopanang Gold Plant *AngloGold Ashanti Savuka Gold Plant *AngloGold Ashanti Mponeng Gold Plant
	2000 to 2007	Managing Member Afritech Technical and Management services
	1997 - 2000	Manager: AngloGold Ashanti Metallurgical Technical Services
	1995 - 1997	Metallurgical Manager: Vaal Reefs Exploration and Mining Company
	1990 - 1995	Project Metallurgist: Vaal Reefs Exploration and Mining Company Projects
	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.

	Name	Signature	Date
Signed,			30 OCTOBER 2018
Lead Auditor*	Arend Hoogervorst		
Notarised/certified			30/10/2018.
		<b>ANDRÉ BOTHA</b> COMMISSIONER OF OATHS Practising Attorney 12 Old Main Road, Gilllitts	



Technical Auditor

Dawie Viljoen



25/10/2018

\*The Lead Auditor's signature must be certified by notarization or equivalent