## **Auditor Credentials Form**

Facility Audited: Sasol Polymers Chemicals Business, Cyanide plants 1 & 2

Date: 7th - 11th September 2009

**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

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

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	ICMI Cyanide Code Compliance Audits: Lead Auditor  *Sasol Polymers Cyanide Plants 1 & 2 and Storage Areas (Production)  *Sasol SiLog (Transportation)	South Africa	
2007	ICMI Cyanide Code Compliance Audits: Lead Auditor  *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 Savuka Gold Plant  *AngloGold Ashanti Mponeng Gold Plant	South Africa South Africa South Africa South Africa South Africa South Africa	
2008	ICMI Cyanide Code Compliance Audits: Lead Auditor *Goldfields Tarkwa Gold Mine *Goldfields Abusso Damang Mine *Vehrad Transport & Haulage * Goldfields South Deep Gold Mine * Goldfields Beatrix Gold Mine *Goldfields Driefontein Gold Mine * Goldfields St Ives Gold Mine	Ghana Ghana Ghana South Africa South Africa South Africa Australia	

* Goldfields Agnew Gold Mine	Australia	
* Goldfields Kloof Gold Mine	South Africa	
* AngloGold Ashanti Africa – Siguiri	Guinea	
Gold Mine		
* AngloGold Ashanti Africa – Yatela	Mali	
Gold Mine		

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.		
Auditor Peter W Lotz	Yrs. 13	Relevant Position Titles  Head: Gold Process & Environment, MINTEK	Types of Operations  Metallurgical test work and research, gold focused hydrometallurgy  Cyanide management Cyanide risk assessment Cyanide destruction CN analytical methodologies Arsenic management As analytical methodologies Water management Plant process assessments Refractory/sulfide ores: Process and Environmental
			work  Reclaim operations  Standard ores
			ICMI related consulting, gap audits or full certification audits: *Sasol Polymers (CN production) *SASOL SiLOG (CN transportation) *AngloGold Ashanti
			*Gold Fields *Harmony Gold *RandGold Resources *DRD *Peninsular Gold *Misc design companies
Dawie Viljoen	32	2008	ICMI Cyanide Code Compliance Audits: Technical Auditor *Goldfields Tarkwa Gold Mine *Goldfields Abusso Damang Mine * Goldfields South Deep Gold Mine * Goldfields Beatrix 2 Gold Mine * Goldfields Beatrix 1 Gold Mine * Goldfields Driefontein 1 Gold Mine * Goldfields Driefontein 2 Gold Mine * Goldfields Driefontein 3 Gold Mine * Goldfields St Ives Gold Mine * Goldfields Agnew Gold Mine
			* Goldfields Kloof 1 Gold Mine * Goldfields Kloof 2 Gold Mine

2008	ICMI Cyanide Code Gap Analyses:
	Technical Auditor
	*AngloGold Ashanti Africa – Navachab
	Gold Mine
	*AngloGold Ashanti Africa – Gaita
	Gold Mine
	*Harmony Doornkop Gold Mine
	*AngloGold Ashanti Africa – Iduapriem
	Gold Mine
	*AngloGold Ashanti Africa – Siguiri
	Gold Mine
	*Harmony Central Gold Mine
	*Harmony Kalgold Gold Mine
	*Harmony Evander Gold Mine
	*Harmony Target Gold Mine
	*Harmony Saaiplaas Gold Mine
	Thankon's Sumplies Cold State
2007	ICMI Cyanide Code Compliance
2007	Audits: Technical Auditor
	*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
2007	ICMI Cyanide Code Gap Analyses:
	Technical Auditor
	*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 1Gold
	Mine
	*Goldfields Kloof No 1 Gold Mine
	*Goldfields Kloof No 2 Gold Mine
	*Goldfields Driefontein No 2Gold
	Mine
	*Goldfields Driefontein No 3 Gold
	Mine
	*Goldfields St Ives Gold Mine
	*Goldfields Agnew Gold Mine
	* Harmony No 1 Gold Plant
	*AngloGold Ashanti Africa – Morila
	Gold Mine
	* AngloGold Ashanti Africa – Sadiola
	& Yatela Gold Mines
2006	*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
		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
Adrian Packman	3	2006 -2009 Chemicals, manufacturing, oil and gas, mining (gold, coal, chromium), food and heavy industry sectors. EMS, OHS, Q and integrated SHEQ audits. Lead Auditor in 245 audits.	Freelance Auditor  Learner Official (Analytical): Anglovaal Group – various mines – predominantly
			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,

Name

Signature

Lead Auditor\*

Arend Hoogervorst

Date

12/2/2010

Notarised/certified

Auditor 1

Peter Lotz

Auditor 2

Dawie Viljoen

Auditor 3

Adrian Packman

(Observer)

Peter luly

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

Mc PHERSON THATO THABANE
GROUND FLOOR CORNER HOUSE
GROND VLOER CORNER HOUSE
GRAAFF STREET/STRAAT, WELKOM
PRACTISING ATTORNEY
PRAKTISERENDE PROKUREUR

PRACTISING ATTORNET PRAKTISERENDE PROKUREUR COMMISSIONER OF OATHS, R.S.A. KOMMISSARIS VAN EDE, R.S.A.