



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

DETAILS OF EAP AND DECLARATION OF INTEREST

	(For official use only)
File Reference Number:	12/12/20/
NEAS Reference Number:	DEA/EIA/
Date Received:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended and the Environmental Impact Assessment Regulations, 2014

PROJECT TITLE

Application for Environmental Authorisation for the Proposed Development of the ABO Ndau Solar Energy Facility 1 and Associated Infrastructure, located within the Polokwane Local Municipality and Capricorn District Municipality, Limpopo Province.

Environmental Assessment Practitioner (EAP): ¹	Richard Myburgh (Praxos 373 (Pty) Ltd)		
Contact person:	Richard Myburgh		
Postal address:	31 Saint Margaret Street, Hurlyvale, Edenvale, 1611		
Postal code:	1611	Cell:	067 408 4795
Telephone:	011 453 8727	Fax:	086 414 3312
E-mail:	Richard.Myburgh@Praxos373.co.za		
Professional affiliation(s) (if any)	EAPASA Reg. EAP: 2019/1037		

Project Consultant:	Praxos 373 (Pty) Ltd		
Contact person:	Richard Myburgh		
Postal address:	31 Saint Margaret Street, Hurlyvale, Edenvale, 1611		
Postal code:	1611	Cell:	067 408 4795
Telephone:	011 453 8727	Fax:	086 414 3312
E-mail:	Richard.Myburgh@Praxos373.co.za		

4.2 The Environmental Assessment Practitioner

I, **Richard Myburgh**, _____ declare that –

General declaration:

I act as the independent environmental practitioner in this application

I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant

I declare that there are no circumstances that may compromise my objectivity in performing such work;

I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;

I will comply with the Act, regulations and all other applicable legislation;

I will take into account, to the extent possible, the matters listed in regulation 8 of the regulations when preparing the application and any report relating to the application;

I have no, and will not engage in, conflicting interests in the undertaking of the activity;

I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;

I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;

I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;

I will keep a register of all interested and affected parties that participated in a public participation process; and

I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not

all the particulars furnished by me in this form are true and correct;

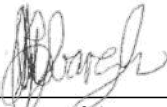
will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and

I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Environmental Impact Assessment Regulations, 2014;

~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~



Signature of the environmental assessment practitioner:

Praxos 373 (Pty) Ltd

Name of company:

24 July 2023

Date:



Name and Surname	: Richard Myburgh
Primary Profession	: Environmental Consulting
Position in Company	: Junior Environmental Scientist
Date of Birth	: 01 February 1990
Years of Experience	: 8
Gender	: Male
Nationality	: South African

Executive Profile

An environmental scientist with eight (8) years of experience in the field of environmental management, Richard Myburgh specialises in various environmental fields including EIA facilitation, Water Use Licenses, Public Participation and other licencing and permitting processes. His key experience includes Environmental Auditing, Public Participation and Full EIAs, Basic Assessments, Water Use License Application and Mining Right Application processes. Richard Myburgh is also a registered Environmental Assessment Practitioner (EAP) with the Environmental Assessment Practitioners Association of South Africa (EAPASA).

Key experience includes:

- Environmental Auditing
- Public Participation
- Basic Assessment Reports
- Full Scoping and EIAs
- Mining Right Applications

Education

Year Obtained	Qualification	Institution
2020	Bachelor of Science, Honours – Geography	University of South Africa
2015	Bachelor of Arts – Environmental Management	University of South Africa

Language

Language	Speak	Read	Write
English	✓	✓	✓
Afrikaans	✓	✓	✓

Professional Registrations / Memberships

Reg. No.	Status & Institution Abbrev.
3612	IAIASA - Member
2019/1037	EAPASA - Member

Employment History

Period	Position	Company/ Institution
2021 – Present	Junior Environmental Scientist	Praxos 373 (Pty) Ltd
2019 - 2021	Junior Environmental Consultant	GIBB Environmental (Pty) Ltd
2014 – 2019	Environmental Assistant	GIBB (Pty) Ltd



Employment History

Period	Position	Company/ Institution
2014	Intern	GIBB (Pty) Ltd

Key Knowledge / Skills Areas

Report writing (Basic Assessments, Scoping Reports and Environmental Impact Assessments)
 Public Participation Co-ordination
 Mining & Prospecting Right Applications
 Water Use License Applications
 Basic Project Administration
 Report writing (Basic Assessments, Scoping Reports and Environmental Impact Assessments)
 Public Participation Co-ordination

Computer Literacy

Microsoft Office Suite
 Google Earth

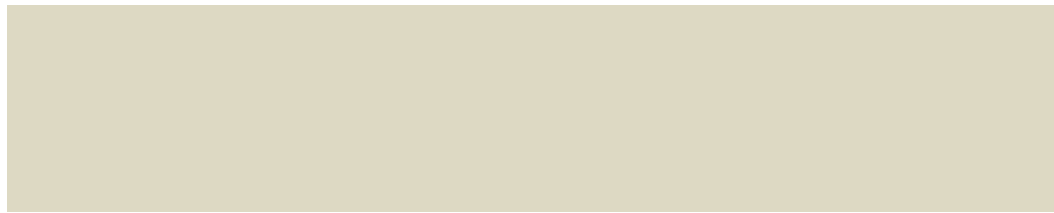
Key Notable Experience / Project History

Please refer to detailed project list below of key projects.

Years	Description	Client	Role	Project Value (Mil)
2021 to Current	Undertaking a Basic Assessment process as part of an application for a Prospecting Right near Mahikeng, Mahikeng Local Municipality, North West Province	Witkop Fluorspar	Environmental Assessment Practitioner	R 1.9 Mil
2021 to Current	Undertaking an Scoping and Environmental Impact Assessment and Water Use Licence Application process as part of an application to graduate an existing Prospecting Right into a Mining Right for the establishment of a new Opencast Limestone Mine near Dwaalboom, Thabazimbi Local Municipality, Limpopo Province	Sephaku Cement	Environmental Consultant	R 3.99 Mil
2021 to Current	Undertaking a Basic Assessment and Water Use Licence Application process as part of an application for a Prospecting Right near Vanrhynsdorp, Matzikama Local Municipality, Western Cape Province	Sephaku Cement	Junior Environmental Consultant	R 0.38 Mil
2020 to Current	Undertaking an Scoping and Environmental Impact Assessment and Water Use Licence Application process as part of an application to graduate an existing Prospecting Right into a Mining Right for the establishment of a new Opencast Limestone Mine near Vanrhynsdorp, Matzikama Local Municipality, Western Cape Province	Sephaku Cement	Junior Environmental Consultant	R 3.9 Mil



Years	Description	Client	Role	Project Value (Mil)
2019 to 2021	Undertaking an Basic Assessment and Water Use Licence Application process for the establishment of a new waste disposal cell on the existing Devon Valley Landfill Site, Stellenbosch Local Municipality, Western Cape Province	Stellenbosch Local Municipality	Junior Environmental Consultant	R 0.8 Mil
2019 to 2021	Use Licence Application process for the establishment of a new Sewer pipeline, City of Tshwane Metropolitan Municipality, Gauteng Province	Centurion Aerospace Village (CAV)	Junior Environmental Consultant	R 0.2 Mil
2018 to 2021	Pre-feasibility investigation to develop a Bankable Feasibility Report to reopen the Witkop Fluorspar Mine, North West Province	Witkop Fluorspar	Junior Environmental Consultant	R 0.8 Mil
2018 to 2021	Groblersdal Mining Right application and Scoping and EIA Process and compilation of an Environmental Management Programme. The project concerns the graduating of 4 Prospecting Rights into 1 Mining Right for the establishment of a Limestone Mine near Groblersdal in the Limpopo Province	Sephaku Cement	Junior Environmental Consultant	R 3 Mil
2018 to 2020	Environmental Authorisation application process by means of a full Scoping and EIA for the Proposed upgrades to the PPC Riebeeck Plant, Riebeeck West, Northern Cape Province.	PPC (Pty) Ltd	Junior Environmental Consultant	R 1.8 Mil
2018 to 2019	Kalagadi Mining Right Amendment application and Scoping and EIA Process and compilation of an Environmental Management Programme. The project concerns the Section 102 amendment of an existing Mining Right to include the proposed opencast pit on the existing Kalagadi Manganese Mine in the Northern Cape Province. The project also involves a Water Use License Application for the deviation of a small river.	Kalagadi Manganese	Junior Environmental Consultant	R 2 Mil
2017 to 2019	Oasis-Taaipit Basic Assessment Process, WULA and compilation of an Environmental Management Programme. The project concerns the proposed realignment of a 132Kv Powerline between Oasis Substation and Taaipit Substation, Northern Cape	Eskom Distribution	Environmental Assistant	R 0.7 Mil
2017 to 2019	Waste Management License and Environmental Authorisation for the expansion of the Libanon Landfill site, Gauteng.	Pro Plan Engineers	Environmental Assistant	R 0.45 Mil
2017 to 2020	Undertaking Waste Management License and Water Use License processes for the proposed upgrades to	Rand Water	Environmental Assistant	



Years	Description	Client	Role	Project Value (Mil)
	the Leeuwkuil Waste Water Treatment Works, in Vereeniging, Gauteng.			
2016 to 2019	Water Use License Application for the extraction of water from a borehole at the Lime Distributors facility in Vereeniging, Gauteng Province	Idwala Lime Distributors	Environmental Assistant	R 0.1 Mil
2016 to 2018	Doornfontein Prospecting Right application and Basic Assessment Process and compilation of an Environmental Management Programme. The project concerns the application for a Prospecting Right to prospect for Limestone in the North West Province	SA Lime and Gypsum	Environmental Assistant	R 1.1 Mil
2016 to 2017	Swartfontein Secure Care Centre Scoping and EIA Process and compilation of an Environmental Management Programme. The project concerns the proposed construction, and operation of a Youth Correctional Facility in Mpumalanga	Mowana Consultants	Environmental Assistant	R 0.13 Mil
2016 to 2018	Swartfontein Secure Care Centre Scoping and EIA Process and compilation of an Environmental Management Programme. The project concerns the proposed construction, and operation of a Youth Correctional Facility in Mpumalanga	PPC (Pty) Ltd	Environmental Assistant	R 2.6 Mil
2015 to 2019	Olien- Karats 132Kv Powerline Basic Assessment Process, WULA and compilation of an Environmental Management Programme. The project concerns the proposed construction, and operation of a 132Kv Powerline between the Olien Substation and the Karats Substation, Northern Cape	Eskom Distribution	Environmental Assistant	R 0.7 Mil
2014 to 2018	Nuclear 1 Power Station Project Scoping and EIA Process and compilation of an Environmental Management Programme. The Nuclear 1 project concerns the proposed construction, operation and decommissioning of a conventional nuclear power station and associated infrastructure in the Western and Eastern Cape	Eskom Generation	Environmental Assistant	R 43.3 Mil
2014 to 2015	Basic Assessment for the upgrade of an existing PPC facility that requires an amended Air Emissions License, Port Elizabeth, Eastern Cape Province.	PPC (Pty) Ltd	Environmental Assistant	R 0.2 Mil
2014 to 2017	Environmental authorisation and impact assessment of the proposed construction of various Powerlines in the Cullinan area, Gauteng Province	Eskom Distribution	Environmental Assistant	R 1.4 Mil

Sunil Maharaaj

SUNIL MAHARAJ - AFP, AIBS
EXECUTIVE FINANCIAL ADVISOR
EX-OFFICIO COMMISSIONER OF OATHS
OLD MUTUAL PERSONAL FINANCIAL ADVICE
LEVEL 1, 18 THE BOULEVARD
WESTWAY OFFICE PARK
WESTVILLE, 3630
AREA : KWA-ZULU NATAL



**CERTIFIED A TRUE COPY
OF THE ORIGINAL**

DATE :

We certify that

RICHARD GRANT MYBURGH

*having complied with the requirements of the Higher Education Act
and the Institutional Statute, was admitted to the degree of*

BACHELOR OF SCIENCE HONOURS

in Geography

*at a congregation of the University
on 11 May 2020*

M. Kallhanya

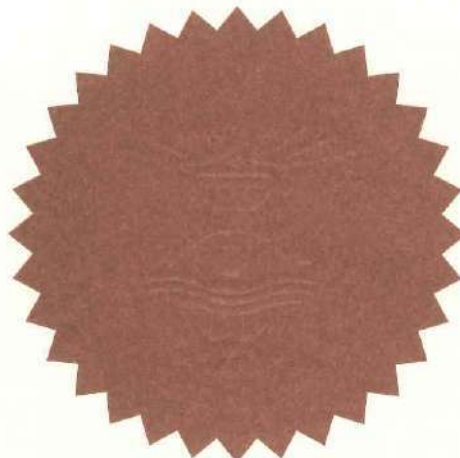
Vice Chancellor

M. Lijit

Executive Dean

[Signature]

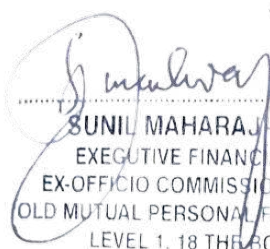
University Registrar



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**CERTIFIED A TRUE COPY
OF THE ORIGINAL**


DATE :

We certify that


RICHARD GRANT MYBURGH

*having complied with the requirements of the Higher Education Act
and the Institutional Statute, was admitted to the degree of*

BACHELOR OF ARTS
in Environmental Management
at a congregation of the University
on 22 October 2015



Vice-Chancellor



Executive Dean





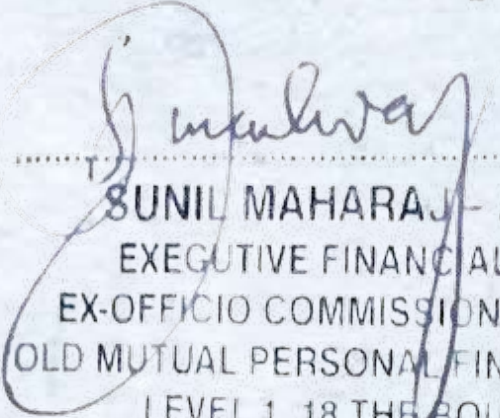
University Registrar

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**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2019/1037


SUNIL MAHARA – AFP, AIBS
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OLD MUTUAL PERSONAL FINANCIAL ADVICE
LEVEL 1, 18 THE BOULEVARD
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WESTVILLE, 3630
AREA : KWA-ZULU NATAL

Herewith certifies that

Richard Grant Myburgh

is registered as an

Environmental Assessment Practitioner

CERTIFIED A TRUE COPY
OF THE ORIGINAL

DATE :

***Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as
amended).***

Effective: 01 March 2022

Expires: 28 February 2023



Chairperson



Registrar





IAIAsa Secretariat
Tel +27(0)11 655 7183
Fax 086 662 9849

Address:
43 Birchwood Court, Montrose
Street, Vorna Valley, Midrand,
1618

Postal address:
PO Box 11666, Vorna Valley,
1686
Email: operations@iaiasa.co.za
Website: www.iaiasa.co.za

IAIAsa Confirmation of Membership: 2022/2023
Richard Myburgh Membership Number: 3612

10 Feb 2022

TO WHOM IT MAY CONCERN

Mr Richard Myburgh, Independent (IAIAsa membership Number **3612**) is a paid-up Full Member in good standing of International Association for Impact Assessment, South Africa and has been a member of IAIAsa since 24 Feb 2014.

Membership has been continuous from 24 Feb 2014 to date.

This membership is valid from 01 Mar 2022 to 28 Feb 2023.

IAIAsa is a voluntary organisation and is not a statutory body regulating the profession. Its members are however expected to abide by the organisation's code of ethics which is available on our website.

IAIAsa is an Affiliate of IAIA which is an international body through a memorandum of understanding. IAIA is not responsible or liable for the actions or activities of the Affiliates. Membership of one does not imply membership of the other.

Any enquiries regarding this membership may be directed to the Secretariat at the above contact details.

Yours sincerely

Rethabile Mbokodi
President 2021/2022

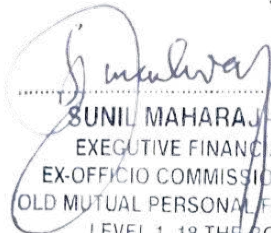
SECRETARY
EXECUTIVE FINANCIAL ADVISOR
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AREA : KWA-ZULU NATAL

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DATE :



University of Pretoria
Faculty of Law
Department of Public Law


SUNIL MAHARAJ - AFP, AIBS
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AREA : KWA-ZULU NATAL

**CERTIFIED A TRUE COPY
OF THE ORIGINAL**

DATE :

This is to certify that

RG Myburgh

has successfully completed the

**Online Course in
Environmental Law**

21 June to 2 July 2021

This certificate is awarded with distinction



Course Leader



Executive Manager: Training Solutions
Enterprises University of Pretoria



Name and Surname	:	Nishkar Maharaj
Primary Profession	:	Environmental Scientist
Position in Company	:	Environmental Scientist
Date of Birth	:	14 August 1990
Years of Experience	:	8
Gender	:	Male
Nationality	:	South African

Executive Profile

Nishkar is a registered professional Environmental Assessment Practitioner (EAP) with the Environmental Assessment Practitioners Association of South Africa (EAPASA) and registered professional natural scientist in Environmental Science with the South African Council of Natural Scientific Professions (SACNASP) with eight years of experience. Nishkar has extensive experience in environmental licensing having served as the lead EAP on multiple projects. He further plays a role in the post licensing process of projects as an Environmental Control Officer, guiding Developers in minimising negative environmental impacts during construction. Nishkar is an expert in client liaison, which is a critical skill in marrying Developer's interests with sustainable development.

Education

Year Obtained	Qualification	Institution
2014	BSc. Honours Environmental Sciences	University of KwaZulu-Natal
2013	BSc. Environmental Sciences	University of KwaZulu-Natal

Language

Language	Speak	Read	Write
English	✓	✓	✓

Professional Registrations / Memberships

Reg. No.	Status & Institution Abbrev.
2019/1447	Registered EAP - EAPASA
116421	Professional Natural Scientist - SACNASP
6264	IAIAsa Member

Employment History

Period	Position	Company/ Institution
2021 - Present	Environmental Scientist	Praxos 373
2018 - 2021	Environmental Scientist	GIBB Environmental
2016 - 2018	Environmental Scientist	KSEMS Environmental Consulting
2015 - 2016	Environmental Auditor	Astrum Energy
2014 - 2015	GIS Demonstrator/Geographical Sciences Tutor	University of KwaZulu-Natal

Key Knowledge / Skills Areas

Environmental Impact Assessments
Basic Assessments

Computer Literacy

Microsoft Office Suite
ArcMap



Scoping and Environmental Impact Reports

QGIS

Environmental Management Programmes

Google Earth

Screening Assessments

GIS mapping

Water Use Licence Applications and Integrated Water and Waste Management Plans

Environmental compliance audits, including due diligence assessments

Project co-ordination for various environmental, water and waste projects on a client representative and/or consulting basis

Report writing

Project management

Stakeholder engagement

Planning and co-ordination of public participation

Business development

Key Notable Experience / Project History

Note that a selected project list is provided. A detailed project list can be provided upon request. The type of projects managed and undertaken includes:

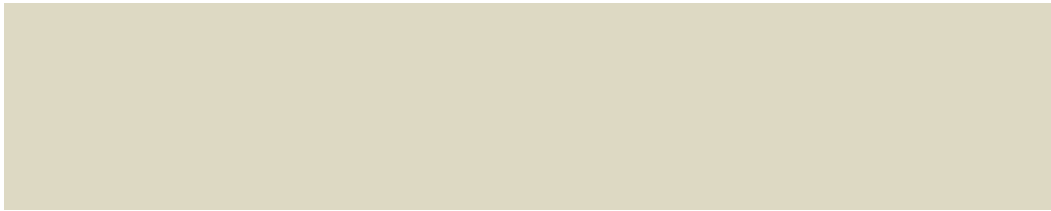
Years	Description	Client	Role
2015-2016	Cennergi completed construction of the 134.4 MW Amakhala Emoyeni Wind Energy Facility located within the Eastern Cape. The development required strict monthly environmental auditing to ensure compliance with the EMPr and vegetation relocation permits.	Cennergi	Environmental Officer
2015-2016	Cennergi completed construction of the 95 MW Tsitsikamma Wind Energy Facility located within the Eastern Cape. The development required strict monthly environmental auditing to ensure compliance with the environmental authorisation and environmental management programme.	Cennergi	Environmental Officer
2015-2016	The Kouga Wind Energy Facility has a total capacity of 80MW and was constructed in March 2015.	3Energy Renewables	Environmental Officer
2015-2016	The Metrowind Van Stadens Wind Energy Facility has a total capacity of 27MW and was constructed in February 2014.	3Energy Renewables	Environmental Officer
2016-2018	CPF is in the process of constructing a logistics park in Durban South of approximately 300,000 m ² . This required major internal and external road and bridge developments, the securing of a conservation area and resulted in the offsetting of wetland habitat. The development required strict weekly environmental auditing to ensure compliance with the EMPr and vegetation relocation permits.	Capital Property Fund	Environmental Control Officer
2016-2017	SANRAL undertook the implementation of pedestrian walkways on the R22 from Khosi Bay to the Mozambique border. The development required strict	SANRAL	Environmental Control Officer



Years	Description	Client	Role
	monthly environmental auditing to ensure compliance with the EMPr and vegetation relocation permits.		
2016-2018	GIBB undertook the engineering and procurement management for the upgrade of the Gwaing River Bridge adjacent to George Airport, along with the realignment of the National Route 2, subject to a Basic Assessment and Water Use Licence Application.	GIBB	Environmental Control Officer
2016-2018	THD undertook a mixed-use development spanning 2000 hectares in the Outer West, subject to a Scoping and Environmental Impact Assessment.	Tongaat Hulett Development	Environmental Assessment Practitioner
2016-2018	TBG seeks to undertake the development of a KFC fast food outlet, subject to a Basic Assessment and Water Use Licence process.	True Blue Group	Environmental Assessment Practitioner
2016-2018	ACSA seeks to amend their EA as per the subdivision of KSIA amongst the three respective landowners.	Airports Company South Africa	Environmental Assessment Practitioner
2017-2018	Samani is currently undertaking the opening of a proposed borrow pit for the P73 road alignment, subject to a Basic Assessment Process and Mining Permit Application.	Samani Consulting	Environmental Assessment Practitioner
2017-2018	RHDHV is currently undertaking the opening of a proposed borrow pit for the R61 road alignment, subject to a Basic Assessment Process and Mining Permit Application.	Royal Haskoning DHV	Environmental Assessment Practitioner
2018-2018	FFS undertook a Part 2 amendment of the EA in order to increase the capacity of the existing plant operations, subject to a Basic Assessment Process.	FFS Refiners	Environmental Assessment Practitioner
2018-2018	CBR Investments undertook maintenance on their property to re-establish a fence line within a watercourse.	CBR Investments	Environmental Assessment Practitioner
2018-2018	TCP undertook construction of a diesel locomotive facility to maintain the locomotive supply in the north of KZN, subject to a Part 1 EA Amendment.	Transnet Capital Projects	Environmental Assessment Practitioner
2018-2018	TBG seeks to undertake the development of a KFC fast food outlet, which required a vegetation permit.	True Blue Group	Environmental Assessment Practitioner
2018-2018	Tropic Plastics required a Waste Management Plan to satisfy a requirement of their existing eThekweni scheduled trade permit.	Tropic Plastics	Environmental Assessment Practitioner
2018-2018	The Rowles Group undertook construction of a Hi-Q motor show room adjacent to Watercrest Shopping Mall.	Rowles Group	Environmental Assessment Practitioner
2018-2019	Vopak is undertaking the decommissioning and construction phase of the "Growth 4" project which is the expansion of Vopak's Farewell/King Sites to increase the storage capacity of petroleum products (diesel and ULP), base oils and chemicals.	Vopak	Environmental Control Officer
2018-2019	UWP is undertaking routine road maintenance and upgrades to the N2 stretching from Mtunzi to Empangeni for approximately 32km.	UWP Consulting	Environmental Control Officer



Years	Description	Client	Role
2018-2019	Richards Bay Industrial Development Zone is undertaking a mixed-use development in the north of KZN.	RBIDZ	Environmental Control Officer
2018-2020	EWS is currently laying a water pipeline approximately 12 km in length across several suburbs to improve service delivery of potable water.	eThekweni Water and Sanitation	Environmental Control Officer
2019-2019	The environmental due diligence assessment for the acquisition of premises.	South African National Blood Bank Services	Environmental Assessment Practitioner
2019-2020	The development of the Vumani residential housing initiative, subject to a Scoping and Environmental Impact Assessment.	GIBB	Environmental Assessment Practitioner
2019-2020	The development of a new route and associated stations for the Gautrain, subject to an Environmental Screening Assessment	Gautrain Management Agency	Environmental Assessment Practitioner
2019-2021	The development of a fuel storage and distribution facility to service the country, subject to a Scoping and Environmental Impact Assessment and Water Use Licence process.	Newlyn Group	Environmental Assessment Practitioner
2020-2021	The addition of erosion protection structures on P138, Sani Pass, subject to a Basic Assessment and Water Use Licence process.	Royal Haskoning DHB	Environmental Assessment Practitioner
2020-2021	The installation of four electronic billboards at King Shaka International Airport, subject to an amendment of the EA.	DubeTrade Port Corporation	Environmental Assessment Practitioner
2020-2021	The electrification of rural villages in Port St Johns, subject to an Environmental Management Plan	GIBB	Environmental Assessment Practitioner
2020-2022	The development of the Vanrhynsdorp Limestone Mine, subject to a Scoping and Environmental Impact Assessment, Mining Right and Water Use Licence Application.	Blue Waves 198	Environmental Assessment Practitioner
2021-2022	The development of an open cast mine for limestone in the Western Cape, subject to a Scoping and Environmental Impact Assessment. and Water Use Licence Application.	SA Lime & Gypsum	Environmental Assessment Practitioner
2021-2022	The development of a waste tyre pyrolysis plant in Umlazi, KwaZulu-Natal, subject to a Basic Assessment process.	Sekela Energy	Environmental Assessment Practitioner
2021-2022	The development of a housing development within Westville, KwaZulu-Natal, subject to a Basic Assessment process.	R. Kaye	Environmental Assessment Practitioner
2021-2022	The development of an open cast mine for limestone in the North-West, subject to a Basic Assessment process and Water Use Licence Application.	Witkop Fluorpar Mine	Environmental Assessment Practitioner
2021-2022	The development of three major box culverts on the R63 Section 10 heading towards the town of Bedford in the Eastern Cape, subject to a Basic Assessment and Water Use Licence Application.	SANRAL	Environmental Assessment Practitioner



Years	Description	Client	Role
2021- Present	The development of 50 low-cost houses in Amandawe, Scottburgh in the KwaZulu-Natal province, subject to monthly environmental auditing to ensure compliance with the environmental management programme.	Department of Public Works	Environmental Control Officer

EAPASA

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3 Bauhinia Street
Highveld Techno Park
Centurion
0157
Tel. (+27) 12 880 2154

Environmental Assessment Practitioners Association of South Africa

Advancing environmental assessment practice in South Africa



Email: registrar@eapasa.org / Website: www.eapasa.org

Mr Nishkar Maharaj
11 Flame Thorn Drive, Westwood Estate, 24 Gazania, Aloe Terrace
Westville
Durban
3629

Sent by email to: nishkar.maharaj14@gmail.com

Dear Mr Maharaj

**Registered Environmental Assessment Practitioner: Number 2019/1447
Nishkar Sunil Maharaj : South African ID 9008145210088**

The Environmental Assessment Practitioners Association of South Africa (EAPASA) herewith certifies that Nishkar Sunil Maharaj is a Registered Environmental Assessment Practitioner (EAP) in accordance with the prescribed criteria of Regulation 15.(1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).

Your registration is duly authorised by EAPASA as the single Registration Authority for EAPs in South Africa (appointed as per Regulation No. 104, Gazette No. 41434 of 8 February 2018, in terms of section 24H(3)(a) of the NEMA). Your status as a Registered EAP is displayed in the 'EAP Register' - please find your name and contact email address at

<https://registration.eapasa.org/registered-practitioners>

Your registration is effective for a period of five years from 28 February 2022, and expires on 28 February 2027. The renewal of your registration in 2027 will be contingent on you having met the requirements of EAPASA's Continuing Professional Development (CPD) policy during each year of registration.

As a Registered EAP you are required to uphold the EAPASA Code of Ethical Conduct and Practice in your professional endeavours, towards the goal of quality assurance in environmental assessment practice.

Please accept my congratulations on your registration.

Best regards

Dr Patrick Sithole
Registrar

Date: 28 February 2022

Board Members: Ms Snowy Makhudu (Chairperson), Dr Khangwelo Desmond Musetsho (Vice-Chairperson),
Mr Zama Dlamini, Ms Jacqui Hex, Ms Minnette Le Roux, Ms Thato Moeeng,
Ms Jennifer Molwantwa, Mr Phumudzo Nethwadzi, Mr Danie Neumann,
Mr Khathutshelo Tshipala, Ms Lethogonolo Tungamirai
Registrar: Dr Patrick Sithole
NPO Reg. No. 122-986

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2019/1447

Herewith certifies that

Nishkar Sunil Maharaj

is registered as an

Environmental Assessment Practitioner

***Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as
amended).***

Effective: 01 March 2023

Expires: 29 February 2024

Chairperson

Registrar





herewith certifies that

Nishkar Sunil Maharaj

Registration Number: 116421

is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)
in the following field(s) of practice (Schedule 1 of the Act)

Environmental Science (Candidate Natural Scientist)
Environmental Science (Professional Natural Scientist)

Effective **9 November 2016**

Expires **31 March 2024**



Chairperson

Chief Executive Officer





University of Pretoria

Faculty of Law

Department of Public Law

This is to certify that

NS Maharaj

has successfully completed the

**Online Course in
Environmental Law**

21 June to 2 July 2021

This certificate is awarded with distinction

A handwritten signature in black ink, appearing to read 'A. H. L. ...', positioned above a horizontal line.

Course Leader

A handwritten signature in black ink, appearing to read 'A. ...', positioned above a horizontal line.

Executive Manager: Training Solutions
Enterprises University of Pretoria

Mr Nishkar Maharaj

July 27, 2021

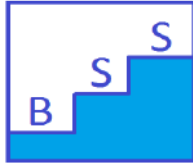
National ID/Passport: 9008145210088

Results: Online Course in Environmental Law - 202100212

Herewith a summary of your final results for the Online Course in Environmental Law. Enquiries can be submitted to results@enterprises.up.ac.za or contact our Client Information Centre at +27124342500.

Assessment	Result %	Description
Assessment	97%	Pass with Distinction
202100212 Total:	97%	Pass with Distinction

Please visit our website at www.enterprises.up.ac.za for upcoming courses!



Business Success Solutions

CERTIFICATE OF TRAINING

Environmental Legal Compliance, Auditing and Monitoring

Date: 25th – 26th May 2023

Venue: Live Online Training

Course Details

Monitoring, auditing and preparing audit checklists.

Understand and interpret environmental legal framework and legislation.

Identifying applicable legislation & preparing your legal register.

Licensing and registrations, duties of care and company, director and employee liabilities.

Handling EMI inspections, compliance notices and directives.

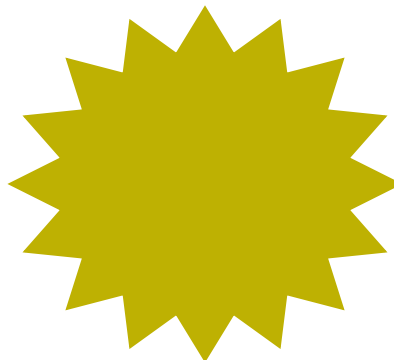
This is to certify that

Nishkar Sunil Maharaj

9008145210088

Attended the above course

Director (BSS)



Accreditation No: 2021-0021-001881

2 CPD Points



Accreditation No: TC-0001-EAP22

2 CPD Points



UNIVERSITY OF TM
KWAZULU-NATAL

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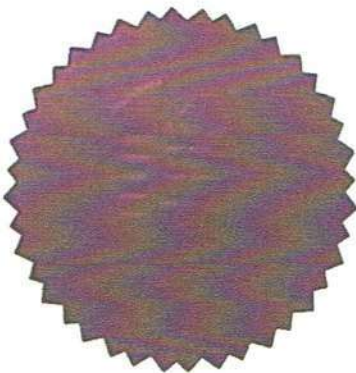
This is to certify that

Nishikar Sunil Maharaj

was admitted this day
at a congregation of the University
to the degree of

Bachelor of Science Honours
(Environmental Science)

having satisfied the conditions prescribed for the degree.




A S van Jaarsveld
Vice-Chancellor


B Poo
Acting Registrar


A Modi
Dean



15 April 2015

LIV PROTECTED





UNIVERSITY OF TM
KWAZULU-NATAL

INYUVESI
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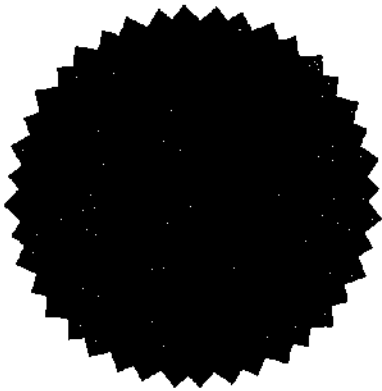
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(Environmental Science)

having satisfied the conditions prescribed for the degree.



M W Makgoba
Vice-Chancellor

MC Baloyi
Registrar

AT Modi
Dean



9 April 2014



MANIE CILLIERS | SENIOR ENVIRONMENTAL SCIENTIST

DATE OF BIRTH: 15 MARCH 1985

YEARS WITH THE COMPANY: 2 YEARS

GENDER: MALE

NATIONALITY: SOUTH AFRICAN

EMAIL: Manie.Cilliers@praxos373.co.za

CELLULAR No. +27 72 682 8353

TELEPHONE No. +27 11 453 8727

**13 Years' Experience in the Built Environment Industry****PROFESSIONAL PROFILE**

An environmental compliance monitoring and auditing specialist with more than 10 years of experience, Manie Cilliers has extensive knowledge and experience in the field of Environmental Compliance, Monitoring and Auditing. Manie undertakes a variety of compliance-based tasks on various types of projects; as well as to provide strategic and practical solutions to clients in order to ensure and maintain compliance.

His key experience include:

- Environmental Auditor on projects such as Environmental Performance Assessments, Water Use License Compliance Assessments, Environmental Management Programme Report Performance Assessments, GN.704 Compliance Assessments, etc.
- Environmental Performance Assessments and Compliance Audits based on Environmental Authorisations, Environmental Management Programmes; and practical compliance aspects during Environmental Legal Compliance Assessments.
- Environmental Control Officer compliance monitoring and assessments on various types of developments ranging from residential -, industrial -, mining -, infrastructure- and commercial projects; as well as linear developments.
- Broad knowledge of the different environmental legislation with associated regulations, industry norms and standards as well as construction practices.
- Further experience relates to facilitation of Section 24(g) Rectification Processes, Section 30 Incident Reporting and drafting of Environmental Management Programmes.

KEY QUALIFICATIONS

BSc. Botany and Geography
BSc. Honours Environmental Sciences

PROFESSIONAL REGISTRATIONS

118224	SACNASP
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TECHNICAL SKILLS AND VOCATIONAL QUALIFICATIONS**SKILL AREAS**

Environmental Management Programmes
Environmental compliance audits
Environmental performance assessments
Environmental due-diligence assessments
IFC and WBG Environmental performance audits
Environmental Monitoring (water and dust)
Report writing
Project management

COMPUTER LITERACY

Microsoft Office
Google Earth

LANGUAGE

English	Speak	Read	Write
Afrikaans	Speak	Read	Write

CAREER SUMMARY

2010 -2015	Strategic Environmental Focus Principal: Compliance & Auditing (2014 - 2015) Senior Environmental Compliance Officer (2014) Environmental Manager (2012 - 2014) Environmental Assistant (2010 - 2012)
2015-2021	GIBB Environmental Senior Environmental Auditor (2015 - 2018) Service Offering Lead: Auditing (2018 - 2020)
2021-Present	Praxos 373 Senior Environmental Scientist

Project History

YEAR(S)	DESCRIPTION	CLIENT	ROLE
Public Participation			
2010 - 2010	West Rand District Municipality Air Quality Management Plan	West Rand District Municipality	Public Participation practitioner assisting in notifying stakeholders of technical documents.
2010 - 2010	Eskom Mercury - Ferrum 400 kV Power Line	Eskom Holdings SOC Limited	Public Participation as part of Application of Environmental Authorisation Process
2010 - 2010	Highlands Estate Residential Development	Heartland Properties (Pty) Ltd	Public Participation as part of Application of Environmental Authorisation Process
2010 - 2010	Extension of Marlboro Road [M60]	Heartland Properties (Pty) Ltd	Public Participation as part of Application of Environmental Authorisation Process
2010 - 2011	Installation of an 88kV Power Cable Between Sandpark and Craighall	Netgroup South Africa	Public Participation as part of Application of Environmental Authorisation Process
2010 - 2011	FNB Fairlands Diesel Tanks	First National Bank Limited	Public Participation as part of Application of Environmental Authorisation Process
2011 - 2011	Establishment of Olifantsvlei Cemetery	Johannesburg City Parks	Public Participation as part of Application of Environmental Authorisation Process
2011 - 2011	West Lake View Township Development	Heartland Properties (Pty) Ltd	Authority consultation and notifying stakeholders of Department Decision
Waste Management Plan			
2010 - 2011	West Rand District Municipality Integrated Waste Management Plan	West Rand District Municipality	Updating the Integrated Waste Management Plan for the Municipality
2015 - 2015	Lepelle Nkumpi Integrated Waste Management Plan	Lepelle Nkumpi Local Municipality	Assisted in undertaking of field surveys and interviews, document reviews and peer reviewing IWMP documents drafted.
Environmental Management Programmes (EMPr's)			
2010 - 2011	Eskom Hendrina - Prairie 400 kV Transmission Line EMP	Eskom Holdings SOC Limited	Developing a Pylon Specific EMP for the transmission lines after issuance of the Environmental Authorisation
2010 - 2011	Eskom Mercury - Ferrum 400 kV Transmission Line EMP	Eskom Holdings SOC Limited	Developing a Pylon Specific EMP for the transmission lines after issuance of the Environmental Authorisation
2010 - 2011	Goble's Folly Mixed-Use Development EMP	Abland (Pty) Ltd	Compilation of the Environmental Management Plan as part of the EIA Process
2011 -2011	Oursurance S28 EMP	Eris Property Group (Pty) Ltd	Overseeing and approving a NEMA Section 28 due-diligence Environmental Management Plan for upgrading of existing offices
2012 - 2012	Maunde Road Upgrade EMP	GladAfrica Consulting	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for upgrading of Maunde Road
2012 - 2012	Valley Road Upgrade EMP	Heartland Properties (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for upgrading of Valley Road
2012 - 2012	Riverside Office Park EMP	Abland (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for construction of office park on the banks of the Hennops River
2012 - 2012	Lakeview Office Block Greenstar EMP	Abland (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management Plan conforming to the Greenstar requirements for construction of a new office block
2012 - 2013	West End Office Park EMP	Abland (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management

YEAR(S)	DESCRIPTION	CLIENT	ROLE
			Plan for construction of office park on the banks of the Hennops River
2012 - 2013	Middelburg Mall Development EMP	Lurco Investments (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for construction of a new shopping centre in Middelburg
2013 -2013	Rose Road EMP	Etana Insurance (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for construction of a new Office Campus
2013 -2013	Huddle Golf Course EMP	Huddle Golf Course	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for upgrading of the Huddle Golf Course
2013 -2013	Loftus Arcadia Extension 11 Green Star EMP	Abland (Pty) Ltd	Overseeing and approving a Green Star Environmental Management Plan for Office Block development to target the credit 'Man-6 Environmental Management' for Green Star SA Office v1 Design Rating
2013 - 2014	Total Head Office EMPr	J.C. van der Linde & Venter Projects (Pty) Ltd.	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for refurbishment of the Total Head Office
2014 - 2014	Longlake 11 kV Underground Cable EMP	Heartland Properties (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for installation of a 11kV underground power line
2014 - 2014	Longlake 132 kV Above Ground Power Line EMP	Heartland Properties (Pty) Ltd	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for installation of a 132kV overhead power line
2014 - 2014	Pinehaven Hospital S28 EMPr	VDO Architects on behalf of Netcare Properties	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for construction of new hospital
2014 - 2014	Milpark Hospital S28 EMPr	VDO Architects on behalf of Netcare Properties	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for upgrading of existing hospital
2014 - 2014	Olivedale Hospital S28 EMPr	VDO Architects on behalf of Netcare Properties	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for upgrading of existing hospital
2014 - 2014	4 Stan Road Office Development Green Star EMP	Soild Green Consulting on behalf of Sharmane Investments (Pty) Ltd	Overseeing and approving a Green Star Environmental Management Plan for Office Block development to target the credit 'Man-6 Environmental Management' for Green Star SA Office v1 Design Rating
2014 - 2014	Monte Circle Precinct Development Green Star EMP	Abland (Pty) Ltd	Overseeing and approving a Green Star Environmental Management Plan for Office Block development to target the credit 'Man-6 Environmental Management' for Green Star SA Office v1 Design Rating
2015 - 2015	Monavoni X20 Pipeline and Roads S28 EMP	Centurion Suburbs Mall (Pty) Ltd	Overseeing and approving a NEMA Section 28 due-diligence Environmental Management Plan for installation of water pipeline and upgrading of roads
2015 -2016	Cresta Fuel Tank EMPr	Boston Associates	Compiling a NEMA Section 28 due-diligence Environmental Management Plan for installation of bulk Diesel Tanks for back-up power generation
2015 -2016	Raslouw Hospital S28 EMPr	Turner & Townsend on behalf of Netcare Properties	Overseeing and approving a NEMA Section 28 due-diligence Environmental Management Plan for upgrading of existing hospital
2016 - 2017	ACSA ORTAFS EMPr	Airports Company of South Africa	Compiling a NEMA Section 28 due-diligence Environmental Management

YEAR(S)	DESCRIPTION	CLIENT	ROLE
			Plan for installation of bulk Diesel Tanks at OR Tambo International Airport
2017 - 2018	Lesotho Highlands Water Project (Phase 1B): Emergency Repairs to the Mohale Tunnel	Lesotho Highlands Development Authority (LHDA)	Reviewing the EMPr for accuracy and adequacy. Quality control.
2019 - 2019	Fairview Development OEMPr	CapeCo	Reviewing the Operational EMPr for the mixed-use development for accuracy and adequacy. Quality control.
Filling Station EMPr & Quantum Calculations			
2016 - 2016	Centurion Lifestyle Filling Station EMPr & Quantum Calculations	Abland (Pty) Ltd	Overseeing and approving the EMPr and Quantum Calculation developed in support of the Site License
2015 -2016	Engen Kokstad EMPr & Quantum Calculations	A Kock & Associates on behalf of Engen Petroleum	Overseeing and approving the EMPr and Quantum Calculation developed in support of the Site License
2015 -2016	Engen Marburg EMPr & Quantum Calculations	A Kock & Associates on behalf of Engen Petroleum	Overseeing and approving the EMPr and Quantum Calculation developed in support of the Site License
2016 - 2016	Engen Thembisa View EMPr & Quantum Calculations	A Kock & Associates on behalf of Engen Petroleum	Overseeing and approving the EMPr and Quantum Calculation developed in support of the Site License
2016 - 2016	Boksburg Filling Station EMPr & Quantum Calculations	Petro Props (Pty) Ltd	Overseeing and approving the EMPr and Quantum Calculation developed in support of the Site License
2015 -2016	Komatiekie Filling Station EMPr & Quantum Calculations	Ozotone Investments (Proprietary) Limited	Overseeing and approving the EMPr and Quantum Calculation developed in support of the Site License
2017 - 2017	N2 Filling Station EMPr & Quantum Calculations	Suwenda 40 (Pty) Limited	Developing the EMPr and Quantum Calculation developed in support of the Site License. Project management.
2020 - 2020	J-Bay Filling Station EMPr & Quantum Calculations	Elderberry Investments 93 (Pty) Ltd and QCK Lezmin 4619CC	Developing the EMPr and Quantum Calculation developed in support of the Site License. Project management.
Emergency Preparedness and Response Plans			
2015 -2016	Vodacom Emergency Preparedness and Response Plans	Vodacom	Developing the Emergency Preparedness and Response Plan for the facility. Engaging with the local authorities for approval. Co-ordinate and manage all aspects of the project.
2013 - 2013	Standard Bank Samrand Data Centre Emergency Preparedness and Response Plans	Standard Bank Properties	Developing the Emergency Preparedness and Response Plan for the facility. Engaging with the local authorities for approval. Co-ordinate and manage all aspects of the project.
Environmental Due Diligence (Phase 1)			
2016 - 2016	Astrapak Environmental Due Diligence	Atkins Limited	Undertaking a site visit to conduct an Environmental Due Diligence (Phase 1) to identify liabilities; and subsequent reporting.
2016 - 2017	GAM Environmental Due Diligence	Global Asset Management	Undertaking a site visit to conduct an Environmental Due Diligence (Phase 1) to identify liabilities; and subsequent reporting. Co-ordinate and manage all aspects of the project.
2015 - 2015	Frutarom Environmental Due Diligence	Frutarom (Pty) Ltd	Undertaking a site visit to conduct an Environmental Due Diligence (Phase 1) to identify liabilities; and subsequent reporting. Co-ordinate and manage all aspects of the project.

YEAR(S)	DESCRIPTION	CLIENT	ROLE
2019 - 2020	Marley Pipes Environmental Due Diligence	Glynwed Overseas Holdings Limited	Undertaking a site visit to conduct an Environmental Due Diligence (Phase 1) to identify liabilities; and subsequent reporting. Co-ordinate and manage all aspects of the project.
Basic Assessments			
2011 -2012	Botlokwa Road and Pedestrian Safety Project	South African National Roads Agency SOC Limited	Compile the Basic Assessment Report and coordinating the project
2012 - 2012	Sodium Hydroxide Plant	Kiran Global Silica (Pty) Ltd	Compile the Basic Assessment Report and coordinating the project
2021 - 2022	SANRAL R63 Culvert Replacement	SANRAL	Author and Assistant EAP
Legal Compliance Assessments			
2011 - 2011	Pikitup Legal Compliance Assessments	Pikitup	Lead Auditor responsible for undertaking Environmental Audits at various Pikitup Landfills and Depots in terms of Legislation and Authorisations.
2014, 2016, 2017 & 2020	Environmental Legal Compliance Assessments for Khutala Colliery	South32 Energy Coal South Africa: Khutala Colliery	Audited the project against all relevant environmental legal obligations. Coordinate and manage all aspects of the project.
2014	Environmental Legal Compliance Assessments for South32 Eastern Complex	South32 Energy Coal South Africa: Middelburg Colliery	Co-ordinate and manage all aspects of the project.
2017 - 2018	Legal Close-Out for Khutala Colliery	South32 Energy Coal South Africa: Khutala Colliery	Assist in the formulation of a close-out register and review of the legal register. Co-ordinate and manage all aspects of the project.
Performance Assessments / Environmental Audits			
2011 - 2020	Annual Environmental Performance Assessment for Standard Bank Samrand Data Centre	Standard Bank Properties	Performed consecutive Annual Environmental Audits in terms of Legislation, EMP and Authorisations. From 2014 responsible for Co-ordination and management of all aspects of the project.
2012 - 2020	Annual Environmental Performance Assessment for Standard Bank Riverclub Data Centre	Standard Bank Properties	Performed consecutive Annual Environmental Audits in terms of Legislation, EMP and Authorisations. From 2014 responsible for Co-ordination and management of all aspects of the project.
2016 - 2019	Bi-Annual Environmental Performance Assessments for Kusile Power Station	Eskom Holdings SOC Limited	Bi-annual auditing of the project against all regulatory requirements and authorisations, as well as the IFC Performance Standards, WBO EHS Guidelines and Handbook for new Thermal Power Plants.
2016 - 2017	Luipaardsvlei Waste Management License Audit	Mogale City Local Municipality	Consecutive Annual External Audits on the issued Waste Management License. Co-ordinate and manage all aspects of the project.
2015 - 2015	Wild Rivers Annual Performance Assessment	Jodan Properties	Co-ordinate and manage all aspects of the auditing the residential estate on the Olifantsriver fronting the Kruger National Park against environmental requirements.
2015 - 2015	Bendor Filling Station Environmental Authorisation Audit	Miropoint (Pty) Ltd	Audited the project against the issued Environmental Authorisation. Coordinate and manage all aspects of the project.
2011 - 2016	EMPR Performance Assessments for South32: Klipspruit Colliery	South32 Energy Coal South Africa: Klipspruit Colliery	Lead Auditor responsible for undertaking consecutive bi-ennial Environmental Performance Assessments at the Klipspruit Colliery

YEAR(S)	DESCRIPTION	CLIENT	ROLE
			in terms of the approved EMPR. Co-ordinate and manage all aspects of the project.
2011 - 2016	South32: Klipspruit Colliery Sewage Works Performance Assessment	South32 Energy Coal South Africa: Klipspruit Colliery	Undertake consecutive Annual Environmental Performance Assessments in terms of Legislation, Water Use License, and Sewage Treatment Plant Operating Manual. Coordinate and manage all aspects of the project.
2012 - 2012	EMPR Performance Assessments for South32: Middelburg Colliery	South32 Energy Coal South Africa: Middelburg Colliery	Lead Auditor responsible for undertaking the bi-ennial Environmental Performance Assessment at the Middelburg Colliery in terms of the approved EMPR. Co-ordinate and manage all aspects of the project.
2012 - 2012	GN.704 and NEMA Gap-Analysis for South32: Middelburg Colliery	South32 Energy Coal South Africa: Middelburg Colliery	Undertake a Gap Analysis in terms of legislation and perform a compliance audit in terms of GN. 704 of the National Water Act.
2014 - 2014	Boshhoek Smelter EMPPA	A Glencore-Merafe Joint Venture Operation	Lead Auditor responsible for undertaking Environmental Performance Assessments at the Boshhoek Smelter in terms of Legislation and the approved Environmental Management Programme Report.
2013 - 2015	Baobab Mine Environmental Performance Assessment	Lonmin Plc	Lead Auditor responsible for undertaking consecutive bi-ennial Environmental Performance Assessment at the Baobab Mine in terms of the approved EMPR. Co-ordinate and manage all aspects of the project.
2015 - 2015	Marikana Mine Environmental Performance Assessment	Lonmin Plc	Project Leader responsible to coordinate, peer review and manage all aspects of the project associated with the bi-ennial Environmental Performance Assessments in terms of Legislation and the approved Environmental Management Programme Report.
2016 - 2017	PPC Beestekraal Prospecting Environmental Performance Assessment	PPC (Portland Cement)	Project Leader responsible to coordinate, peer review and manage all aspects of the project associated with the bi-ennial Environmental Performance Assessments in terms of Legislation and the approved Environmental Management Programme Report.
2017 - 2020	Statistics South Africa Head Office Environmental and Social Performance Audits	Dipalopalo Concession	Annual auditing of the project against all regulatory requirements and authorisations, as well as the IFC Performance Standards, WBG EHS Guidelines. Reporting, review of specialist input, client liaison and all aspects of Project Management
Water Use License Compliance Audits			
2011 - 2016	South32: Klipspruit Colliery IWUL Compliance Assessment	South32 Energy Coal South Africa: Klipspruit Colliery	Undertake consecutive Annual Water Use License Assessments in terms of Legislation and issued Water Use License. Co-ordinate and manage all aspects of the project.
2012 - 2012	South32: Wolvespruit Colliery IWUL Compliance Assessment	South32 Energy Coal South Africa: Wolvespruit Colliery	Undertake Annual Water Use License Assessment in terms of Legislation and issued Water Use License. Co-ordinate and manage all aspects of the project.

YEAR(S)	DESCRIPTION	CLIENT	ROLE
2013 - 2014	Phalannwa Colliery IWUL Compliance Assessment	Canyon Resources (Pty) Ltd	Undertake consecutive Annual Water Use License Assessments in terms of Legislation and issued Water Use License. Co-ordinate and manage all aspects of the project.
2016 - 2016	Boshoek Smelter IWUL Compliance Assessment	A Glencore-Merafe Joint Venture Operation	Co-ordinate, peer review and manage all aspects associated with the required Annual Water Use License Assessments in terms of Legislation and issued Water Use License.
2014 - 2014	Ermelo Rail IWUL Compliance Assessment	Eskom Holdings SOC Limited	Undertake the required Annual Water Use License Assessments in terms of Legislation and issued Water Use License. Co-ordinate and manage all aspects of the project.
Environmental Control Officer			
2013 - 2015	Exxaro Head Office Refurbishment	Exxaro	Undertake monthly Greenstar Environmental Management Plan (EMP) compliance audits. Co-ordinate, peer review and manage all aspects of the project
2014 - 2015	Total Head Office Refurbishment	Van Der Linde & Venter Project (Pty) Ltd	Undertake monthly Environmental Management Plan (EMP) compliance audits. Co-ordinate, peer review and manage all aspects of the project.
2013 - 2015	Mthatha Shopping Centre	Billion Group	Undertake monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase. Co-ordinate, peer review and manage all aspects of the project.
2011 - 2012	Marlboro Road (M60) Construction	Heartland Properties (Pty) Ltd	Undertake monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate, peer review and manage all aspects of the project.
2012 - 2012	Longlake Extension 1 Development	Heartland Properties (Pty) Ltd	Undertake monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase of civil services. Co-ordinate, peer review and manage all aspects of the project.
2010 - 2012	Eskom Coal Haulage Road Rehabilitation Project	Eskom Holdings SOC Limited	Undertake monthly Environmental Management Plan (EMP) compliance audits during the construction phase of civil services. Co-ordinate, peer review and manage all aspects of the project.
2010 - 2013	MTN Kimberley Test Switch	MTN	Undertake monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase. Co-ordinate, peer review and manage all aspects of the project.
2010 - 2013	Lesotho Health Care Centres	Aurecon on behalf of Lesotho Consolidated Civil Contractors (LCCC)	Undertake monthly Environmental Management Plan (EMP) compliance audits during the construction phase, as required. Co-ordinate, peer review and manage all aspects of the project.
2010 - 2012	Vaal River Eastern Sub-System Augmentation Project	Trans Caledon Tunnel Authority (TCTA)	Assistant Environmental Compliance Officer conducting monthly and Quarterly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase of the

YEAR(S)	DESCRIPTION	CLIENT	ROLE
			Vaal River Eastern Sub-System Augmentation Project.
2010 - 2015	Hartebeestspruit Channel Upgrade	City of Tshwane Metropolitan Municipality	Undertake monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase, as required. Co-ordinate, peer review and manage all aspects of the project.
2011 - 2011	Orlando Ekhaya Heroes Bridge Constructio	Johannesburg Property Company	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase of the Orlando Ekhaya Heroes Bridge construction.
2010 - 2018	Kagiso Integrated Residential Development	Bigen Africa on behalf of ABSA Development Company	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phases of the Kagiso Integrated Residential Development. Co-ordinate, peer review and manage all aspects of the project.
2010 - 2011	Northern Residential Development	Century Property Developments	Undertake monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase.
2010 - 2021	Hazeldean Node Development	Abland (Pty) Ltd	Monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate, peer review and manage all aspects of the project.
2011 - 2012	Extension of Highveld Mall	Flanagan & Gerard	Monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate, peer review and manage all aspects of the project.
2011 - 2013	Construction of Midway Mall	Middelburg Consortium (Pty) Ltd	Monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate, peer review and manage all aspects of the project.
2010 - 2013	Wonderboom Junction & Apies River Rehabilitation	Wonderboom Junction (Pty) Ltd	Environmental Compliance Officer undertaking monthly Rehabilitation Plan compliance assessments for the Apies River frontage at Wonderboom Junction
2012 - 2015	Lakeview Office Park	Abland (Pty) Ltd	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) compliance audits during the construction phase of the Lakeview Office Park Development. Co-ordinate, peer review and manage all aspects of the project.
2012 - 2015	Westend Office Park	Abland (Pty) Ltd	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during construction. Co-ordinate, peer review and manage all aspects of the project.
2011 - 2012	Outsurance Head Office	Eris Property Group (Pty) Ltd	Monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during construction.

YEAR(S)	DESCRIPTION	CLIENT	ROLE
2011 - 2020	Centurion Aerospace Village	Centurion Aerospace Village (a dti initiative)	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase of the Centurion Aerospace Village. Coordinate and manage all aspects of the project.
2012 - 2013	Westlake View Development	Heartland Properties (Pty) Ltd	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase of the West Lake View Development. Coordinate and manage all aspects of the project.
2014 - 2016	Ermelo Rail ECO	Hatch on behalf of Eskom Holdings SOC Limited	Co-ordinate, peer review and manage all aspects of the project
2014 - 2015	Milpark Hospital ECO	VDO Architects on behalf of Netcare Properties	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) compliance audits during the construction phase of the Milpark Hospital Development. Co-ordinate and manage all aspects of the project.
2014 - 2015	Pinehaven Hospital ECO	VDO Architects on behalf of Netcare Properties	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) compliance audits during the construction phase of the Pinehaven Hospital Development. Co-ordinate and manage all aspects of the project.
2014 - 2015	Waterfall Hospital ECO	VDO Architects on behalf of Netcare Properties	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) compliance audits during the upgrading of the Waterfall Hospital Development. Co-ordinate and manage all aspects of the project.
2014 - 2106	Stats Sa Head Office	Statistics South Africa	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase of the Stats SA Head Office. Co-ordinate and manage all aspects of the project.
2014 - 2015	Gryphon Ceramics Tile Factory	Ceramic Industries	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction phase of the Gryphon Tile Factory. Co-ordinate and manage all aspects of the project.
2014 - 2014	Thlabane Filling Station ECO	Viva Oil (Pty) Ltd and Greater Rustenburg Transport Cooperative Limited	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate and manage all aspects of the project.
2013 - 2013	Hazeldean Filling Station ECO	Abland (Pty) Ltd	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits during the construction of a new Filling Station.

YEAR(S)	DESCRIPTION	CLIENT	ROLE
2013 - 2015	Rainbow Junction Twin Filling Station ECO	Rainbow Junction (Pty) Ltd	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate and manage all aspects of the project.
2014 - 2015	Vodacom Data Centre ECO	Coffey Projects on behalf of Vodacom	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate and manage all aspects of the project.
2015 - 2015	Kiepersol Mixed Use ECO	Abland (Pty) Ltd	Environmental Compliance Officer undertaking once-off Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audit. Co-ordinate and manage all aspects of the project.
2015 - 2017	Rhetabiseng Extension 5 Housing ECO	GIBB on behalf of Gauteng Department of Human Settlement	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audit. Co-ordinate and manage all aspects of the project.
2015 - 2020	Fourways Mall Extension ECO	SIP Project Managers on behalf of Fourways Mall	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) compliance audit. Co-ordinate and manage all aspects of the project.
2015 - 2016	Monavoni Extension 20 Pipeline ECO	Centurion Suburbs Mall (Pty) Ltd	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audit. Co-ordinate and manage all aspects of the project.
2016 - 2017	North Riding Celebration ECO	Central Developments (Pty) Ltd	Environmental Compliance Officer undertaking bi-monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audit. Co-ordinate and manage all aspects of the project.
2016 - 2017	Rustenburg BRT Upgrade ECO	Rustenburg Local Municipality	Environmental Compliance Officer undertaking monthly Water Use License (WUL), Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audits. Co-ordinate, peer review and manage all aspects of the project.
2016 - 2021	Atterbury Road Upgrade ECO	EDS Engineers on behalf of City of Tshwane Metropolitan Municipality	Environmental Compliance Officer undertaking monthly Environmental Management Plan (EMP) and Environmental Authorisation (EA) compliance audit. Co-ordinate and manage all aspects of the project.
2015 - 2017	Delft Infills Housing Development ECO	Lukhozi Consulting Engineers	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2013 - 2017	Highbury Housing Development ECO	Power Construction	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2016 - 2017	Brackengate Housing Development ECO	Johan Botha Consulting Engineers	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2016 - 2017	Forest Village Housing Development ECO	Lukhozi Consulting Engineers	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.

YEAR(S)	DESCRIPTION	CLIENT	ROLE
2016 - 2018	Sandown Development ECO	Balwin Properties (Pty) Ltd	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2016 - 2017	Sunningdale Development ECO	Sanlam	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2016 - 2017	Paardevelei Development ECO	Balwin Properties (Pty) Ltd	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2015 - 2017	Belhar RDP Development ECO	City of Cape Town	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2018 - 2019	The Jade Residential Development ECO	Balwin Properties (Pty) Ltd	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2017 - 2019	Bridge Over R300 ECO	vdmv Properties and Redefine Properties	Technical review and approval of deliverables. Co-ordinate and manage all aspects of the project.
2018 - 2021	Various		Technical review and approval of all reports for regular ECO compliance monitoring and reporting during the construction phases of multiple projects.
Sustainability & Strategic Projects			
2011 - 2011	Mpumalanga State of the Environment Report	Mpumalanga Department of Agriculture & Land Administration	Digimaker Technician responsible for developing the State of the Environment Report on the Department's website
2017 - 2018	DEA Construction and Demolition Waste Study	National Department of Environmental Affairs (Now DFFE)	Project Leader, responsible for the successful undertaking of the project including client liaison, report author, researcher and coordination of all tasks associated with the national study on Construction and Demolition Waste in South Africa to determine the current status quo, applicable legislation, policy instruments required to increase re-use and determine other factors that influence the behaviour of generators and manufacturers.
2018 - 2021	Construction and Demolition Waste Study for the Construction Industry Development Board	construction industry development board (cidb)	Project Leader, responsible for the successful undertaking of the project including client liaison, report author, researcher and coordination of all tasks associated with the national study on Construction and Demolition Waste in the construction industry of South Africa to determine the current status quo, applicable legislation, policy instruments required to increase re-use and determine other factors that influence the behaviour of generators.
2020 - 2020	Evaluation of the ABS / ABioSA Initiative in South Africa	Komis	Facilitate interviews with key stakeholders in order to get feedback regarding the implementation of Access and Benefit Sharing / Biotrade (ABioSA) initiatives in South Africa.
Specialist Monitoring			
2011 - 2011	South32: Khutala Colliery Aquatic Monitoring	South32 Energy Coal South Africa: Khutala Colliery	Field Technician assisting Specialist in field surveys and collecting the required samples
2011 - 2011	Rustenburg Platinum	Rustenburg Platinum Mine - Union Section	Field Technician assisting Specialist in field surveys and collecting the required samples
2015 - 2016	CIL Cyferfontein Dust & Water Monitoring	Ceramics Industries	Interpret data from analysed field samples to generate reports on a monthly basis. Co-ordinate and manage all aspects of the project.

YEAR(S)	DESCRIPTION	CLIENT	ROLE
2012 - 2021	Standard Bank Riverclub Data Centre Groundwater Quality Monitoring	Standard Bank Properties	Review the interpretation of data from analysed field samples and associated reports on a quarterly basis. Co-ordinate and manage all aspects of the project.
2012 - 2021	Standard Bank Samrand Data Centre Groundwater Quality Monitoring	Standard Bank Properties	Review the interpretation of data from analysed field samples and associated reports on a bi-annual basis. Co-ordinate and manage all aspects of the project.
2013 - 2014	Omnia Hectorspruit Dust Monitoring	Omnia Group	Interpret data from analysed field samples to generate reports on a monthly basis. Co-ordinate and manage all aspects of the project.
2013 - 2013	Omnia Sasolburg Dust Monitoring	Omnia Group	Interpret data from analysed field samples to generate reports on a monthly basis. Co-ordinate and manage all aspects of the project.
Environmental Management Systems			
2014 - 2015	Rustenburg Environmental Management Systems	Rustenburg Local Municipality	Assist the Municipality in establishing an Environmental Management System
2012 - 2012	Sappi Enstra Integrated Management Systems	Sappi Enstra Mill	Assisted the Auditors during the ISO recertification audit of Integrated Management System
Incident Reporting			
2014 - 2014	Standard Bank Diesel Spill Section 30 Incident Report	Standard Bank Properties	Undertaking the required site inspection, reporting and authority consultation in terms of an Environmental Incident.
2014 - 2014	Vodacom Diesel Spill Section 30 Incident Report	Vodacom	Coordinating all aspects of the required site inspection, reporting and authority consultation in terms of an Environmental Incident.



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BACHELOR OF SCIENCE

in

ENVIRONMENTAL AND BIOLOGICAL SCIENCES

awarded to

JACOBUS HERMANUS CILLIERS

after complying with all the requirements

9 September 2009

Prof ND Kgwadi
Vice-Chancellor



Prof M Verhoef
Registrar





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2 March 2010

Prof ND Kgwadi
Vice-Chancellor



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Registrar





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**Centre for
Environmental Management**

This is to certify that

JH CILLIERS
8503155034080

successfully completed the course

**Environmental Law
for Environmental Managers**

CEM-02.1/0056/2013

8-13 July 2013

Proposed NQF Level: 7

Prof. JG Nel
*Executive Manager:
Centre for Environmental Management
Course Leader*

Prof. JJ Pienaar
Dean Faculty of Natural Science





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Centre for Environmental Management

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8503155034080

successfully completed the course

Implementing Environmental Management Systems (ISO 14001)

CEM-03.1/0001/2012

16-20 April 2012

NQF Level: 7

Prof. JG Nel
Executive Manager:
Centre for Environmental Management
Course Leader

Prof. JJ Pienaar
Dean Faculty of Natural Science



herewith certifies that
Jacobus Hermanus Cilliers
Registration Number: 118224
is a registered scientist

in terms of section 20(3) of the Natural Scientific Professions Act, 2003
(Act 27 of 2003)
in the following field(s) of practice (Schedule 1 of the Act)
Environmental Science (Professional Natural Scientist)

Effective 15 November 2017

Expires 31 March 2023



A handwritten signature in black ink, appearing to read 'Botha', written over a horizontal line.

Chairperson

A handwritten signature in black ink, appearing to read 'M. J. ...', written over a horizontal line.

Chief Executive Officer

