



POSITION : **Senior Environmental Scientist**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Tashriq NAICKER
DATE OF BIRTH : 30.12.1987
NATIONALITY : South African
YEARS OF EXPERIENCE : 8

SUMMARY OF QUALIFICATIONS:

A senior environmental scientist with Eight years of experience, Tashriq Naicker specialises in environmental management field.

His key experience includes:

- Environmental Impact Assessments
- Specialist Assistance with regard to bio-monitoring
- Basic Assessments
- Scoping & EIAs
- Environmental Opinions
- Geotechnical Risk Assessments
- Dust and Water Monitoring
- Section 24G Applications
- Renewable Energy Applications

EDUCATION:

| <i>Institution:</i> | <i>Qualification:</i> | <i>Year Obtained:</i> |
|---------------------------------|--|-----------------------|
| University of the Witwatersrand | Bachelor of Science (Geology & Environment and Conservation) | 2007 |
| University of the Witwatersrand | Bachelor of Science (Hons) Environmental Geology | 2008 |

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- Registered as a Candidate Natural Scientist : South African Council for Natural and Scientific Professionals
CandNatSci Registration No : 100052/11
- International Association for Impact Assessment : South African Charter (2880)

OTHER TRAINING:

- Attended Environmental & Mining Law Workshop, presented by Mac Robert Attorneys, July 2013

COUNTRIES OF WORK EXPERIENCE:

South Africa

LANGUAGES:

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| English | Speaking: Excellent | Reading: Excellent | Writing: excellent |
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EMPLOYMENT RECORD:

| | | | |
|-----------------------|-------------|------------|---|
| From: | May 2013 | To: | Date |
| Employer: | | | GIBB (Pty) Ltd |
| Position held: | | | Senior Environmental Scientist, Environmental Services Sector |
| From: | August 2012 | To: | April 2013 |
| Employer: | | | GIBB (Pty) Ltd |
| Position held: | | | Environmental Scientist, Environmental Services Sector |
| From: | March 2010 | To: | July 2012 |
| Employer: | | | Strategic Environmental Focus (Pty) Ltd |
| Position held: | | | Environmental Manager: Environmental Services Division |
| From: | April 2009 | To: | March 2010 |
| Employer: | | | Strategic Environmental Focus (Pty) Ltd |
| Position held: | | | Environmental Assistant: Environmental Services Division |

DETAILED TASKS ASSIGNED (*tasks to be performed under this assignment*):

- Unassigned

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

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|-----------------------------|---|
| NAME OF ASSIGNMENT/PROJECT: | NUCLEAR 1 EIA |
| YEAR: | From: 2013 To: Ongoing |
| LOCATION: | Eastern and Western Cape Provinces, South Africa |
| CLIENT: | Eskom SOC Ltd |
| MAIN PROJECT FEATURES: | Scoping & EIR process for the construction of a Nuclear facility for the generation of electricity to strengthen the electrical grid |
| POSITIONS HELD: | Senior Environmental Scientist |
| ACTIVITIES PERFORMED: | Finalisation of the EMP, and Environmental Impact Report. Oversight and management of the public participation process, extensive liaison with the specialist on the project team as well as the Client and Authorities. Responding to I&AP's and assisting with the logistics and facilitation of the public meetings. Review and integration of the specialist's studies and peer reviewed specialist studies into the report |

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|-----------------------------|---|
| NAME OF ASSIGNMENT/PROJECT: | SOLID WASTE TECHNOLOGIES : WASTE TO ENERGY |
| YEAR: | From: 2014 To: Ongoing |
| LOCATION: | City Deep, Gauteng Province, South Africa |
| CLIENT: | SWT (Pty) Ltd |
| MAIN PROJECT FEATURES: | Scoping & EIR process for the construction of a facility to convert waste into energy. The facility will require a S&EIR process, AEL and WML |
| POSITIONS HELD: | Senior Environmental Scientist |
| ACTIVITIES PERFORMED: | Conducting the S&EIR Process, oversight on the process and ensuring quality control and legal compliance. Extensive involvement with the Client and |

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

technical project team, oversight of the public participation process.

NAME OF ASSIGNMENT/PROJECT: **TRANSNET NATIONAL PORTS AUTHORITY : TEMPORARY COAL STORAGE FACILITY**

YEAR: From: 2013 To: Ongoing

LOCATION: Richards Bay, KwaZulu-Natal Province

CLIENT: Aurecon (Pty) Ltd

MAIN PROJECT FEATURES: Basic Assessment process for the construction of the temporary coal storage facility

POSITIONS HELD: **Senior Environmental Scientist**

ACTIVITIES PERFORMED: Conducting the Basic Assessment Process, identification and development of additional alternatives for the client based on operational demands, oversight on the BA process and ensuring quality control and legal compliance. Extensive involvement with the Client and technical project team, oversight of the public participation process.

NAME OF ASSIGNMENT/PROJECT: **GAUTENG FREIGHT RAIL FEL 1 : STRATEGIC GEOTECHNICAL SENSITIVITY CLASSIFICATION**

YEAR: From: 2014 To: 2014

LOCATION: Swartruggens North West Province to Vereeniging, Gauteng Province

CLIENT: GIBB (Pty) Ltd

MAIN PROJECT FEATURES: Geological sensitivity classification for the proposed freight rail link from Swartruggens to Vereeniging. The studies highlight various sections of the route that will require extensive engineering intervention due to the underlying geology.

POSITIONS HELD: **Senior Environmental Scientist**

ACTIVITIES PERFORMED: Compilation of the Strategic Geological sensitivity classification report and data analysis, Client Liaison and extensive involvement with the project team.

NAME OF ASSIGNMENT/PROJECT: **KRUGER SHISA BRIDGE**

YEAR: From: 2014 To: Ongoing

LOCATION: Kruger National Park, Mpumalanga Province

CLIENT: GIBB (Pty) Ltd

MAIN PROJECT FEATURES: Basic Assessment for the upgrade of the Shisa Bridge that requires a BA and WULA process

POSITIONS HELD: **Peer Reviewer**

ACTIVITIES PERFORMED: Reviewing of the Basic Assessment Report and EMP, internal Client Liaison and involvement with the technical team. Managing of external EAP (Aurecon) and oversight on the BA process ensuring legal compliance.

NAME OF ASSIGNMENT/PROJECT: **PPC PE UPGRADES**

YEAR: From: 2014 To: Ongoing

LOCATION: Port Elizabeth, Eastern Cape Province

CLIENT: PPC Ltd

MAIN PROJECT FEATURES: Basic Assessment for the upgrade of the PPC PE plant that requires an amended AEL and BA process.

POSITIONS HELD: **Senior Environmental Scientist and EAP**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

involvement with the project team, and public participation involvement and management.

NAME OF ASSIGNMENT/PROJECT: **SOWA WATER MASTER PLAN EIA**
YEAR: From: 2012 To: Ongoing
LOCATION: Sowa, Botswana
CLIENT: ACE GIBB
MAIN PROJECT FEATURES: Conduct the EIA process for the upgrade of the water reticulation system from Dukwi fields to Sowa Nata
POSITIONS HELD: **Senior Environmental Scientist**
ACTIVITIES PERFORMED: Finalisation of the Final EIA report, Authority Liaison, Client Liaison and extensive involvement with the engineering project team.

NAME OF ASSIGNMENT/PROJECT: **PHAKALANE EMP**
YEAR: From: 2014: To: Ongoing
LOCATION: Gaborone, Botswana
CLIENT: ACE GIBB
MAIN PROJECT FEATURES: Compile the Environmental Management Plan for the new Phakalane pump station and associated works to strengthen the sewerage network.
POSITIONS HELD: **Senior Environmental Scientist**
ACTIVITIES PERFORMED: Compilation of EMP according to Botswana standards, conducting focus group meetings with key stakeholders, Authority Liaison, Client Liaison and extensive involvement with the engineering project team as well as local partners.

NAME OF ASSIGNMENT/PROJECT: **LOBATSE WATER SUPPLY MASTER PLAN**
YEAR: From: 2014: To: Ongoing
LOCATION: Gaborone, Botswana
CLIENT: ACE GIBB
MAIN PROJECT FEATURES: Environmental Impact Assessment Process for the construction of various components to strengthen the water supply system to the town of Lobatse
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conduct EIA process, finalisation of Scoping reports, conducting focus group meetings with key stakeholders, Authority Liaison, Client Liaison and extensive involvement with the project team.

NAME OF ASSIGNMENT/PROJECT: **WITBERG EA AMENDMENT**
YEAR: From: 2014: To: 2014
LOCATION: Witberg, Western Cape Province
CLIENT: G7 Renewable Energies
MAIN PROJECT FEATURES: Environmental Authorisation Amendment process
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conducted EA amendment process, Authority Liaison, Client Liaison and extensive involvement with the project team.

NAME OF ASSIGNMENT/PROJECT: **UMGENI SECTION 24G – SAND MINING**
YEAR: From: 2014: To: Ongoing
LOCATION: Durban, Kwa-Zulu Natal Province
CLIENT: Xmoor Transport (Pty) Ltd

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: Section 24 G (rectification) process for illegal sand mining that occurred along the banks of the Umgeni River

POSITIONS HELD: **Senior Environmental Scientist**

ACTIVITIES PERFORMED: Conducting the S4G process, including report reviewing, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement and management.

NAME OF ASSIGNMENT/PROJECT: **PPC SLURRY SK9 UPGRADES**

YEAR: From: 2014: To: Ongoing

LOCATION: Mafikeng, North West Province

CLIENT: PPC Ltd

MAIN PROJECT FEATURES: Basic Assessment for the construction of Slurry Kiln 9 that requires an amended AEL and WML.

POSITIONS HELD: **Senior Environmental Scientist and EAP**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement and management.

NAME OF ASSIGNMENT/PROJECT: **PPC SLURRY SK8 UPGRADES**

YEAR: From: 2013 To: 2014

LOCATION: Mafikeng, North West Province

CLIENT: PPC Ltd

MAIN PROJECT FEATURES: Basic Assessment for the upgrade of an existing facility that requires an amended AEL and WML.

POSITIONS HELD: **Senior Environmental Scientist and EAP**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **PPC NEW MATERIAL**

YEAR: From: 2013 To: 2014

LOCATION: Johannesburg, South Africa

CLIENT: PPC Ltd

MAIN PROJECT FEATURES: Basic Assessment for the upgrade of an existing facility to process a new material that requires an amended AEL.

POSITIONS HELD: **Senior Environmental Scientist and EAP**

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **KAZUNGULA DUE DILIGENCE**

YEAR: From: 2013 To: 2013

LOCATION: Botswana and Namibia

CLIENT: Botswana and Namibia Joint Venture

MAIN PROJECT FEATURES: Conduct a due diligence on the ESIA and processes that were completed and develop a comprehensive Environmental Action Plan for the project

POSITIONS HELD: **Senior Environmental Scientist**

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

ACTIVITIES PERFORMED: Review of the ESIA and associated specialist studies, compilation of the status quo report and input into the environmental action plan. Specialist and authority liaison.

NAME OF ASSIGNMENT/PROJECT: **NIGERIA MONO-RAIL**
 YEAR: From: 2013 To: 2014
 LOCATION: Nigeria
 CLIENT: Nigerian Government
 MAIN PROJECT FEATURES: Construction of a mono-rail network in Nigeria
 POSITIONS HELD: **Senior Environmental Scientist**
 ACTIVITIES PERFORMED: Management of the local environmental assessment practitioners and review of their reports to ensure due process.

NAME OF ASSIGNMENT/PROJECT: **WORCESTER ROAD REHABILITATION**
 YEAR: From: 2013 To: 2013
 LOCATION: Worcester, Western Cape, South Africa
 CLIENT: Aurecon RSA
 MAIN PROJECT FEATURES: Basic Assessment for the rehabilitation of main road 298
 POSITIONS HELD: **Senior Environmental Scientist and EAP**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **ZANDKOPSDRIFT 132 KV POWERLINE**
 YEAR: From: 2013 To: Ongoing
 LOCATION: Western and Northern Cape, South Africa
 CLIENT: Eskom distribution – Western Region
 MAIN PROJECT FEATURES: BA for the construction of a 132kV powerline approximately 82 km long
 POSITIONS HELD: **Senior Environmental Scientist and EAP**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **UNIVERSITY OF PTA OX STREET**
 YEAR: From: 2013 To: 2014
 LOCATION: Pretoria, South Africa
 CLIENT: University of PTA
 MAIN PROJECT FEATURES: BA for the construction of a road which crosses a watercourse
 POSITIONS HELD: **Senior Environmental Scientist and EAP**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **ST HELENA WATERCOURSE CROSSING**
 YEAR: From: 2012 To: 2013
 LOCATION: St Helena, Western Cape Province, South Africa
 CLIENT: Electrawinds
 MAIN PROJECT FEATURES: Basic Assessment for the crossing of a watercourse by supporting infrastructure of a Wind Energy Facility.

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

POSITIONS HELD: **Environmental Scientist**
ACTIVITIES PERFORMED: Completed the BA process, over saw public participation and compiled the Basic Assessment Report

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT : NORTH EAST CORRIDOR**
YEAR: From: 2012 To: 2013
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality
MAIN PROJECT FEATURES: BA for the upgrade of the R510 as part of the larger Rustenburg Rapid Transport Network
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT : CBD**
YEAR: From: 2012 To: 2014
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality
MAIN PROJECT FEATURES: BA for the upgrade of the CBD as part of the larger Rustenburg Rapid Transport Network
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT : NORTH WEST CORRIDOR**
YEAR: From: 2012 To: 2014
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality
MAIN PROJECT FEATURES: BA for the upgrade of the R565 and R104 as part of the larger Rustenburg Rapid Transport Network
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **RUSTENBURG RAPID TRANSPORT : BUS DEPOTS**
YEAR: From: 2012 To: Ongoing
LOCATION: Rustenburg, South Africa
CLIENT: Rustenburg Local Municipality
MAIN PROJECT FEATURES: Scoping EIA for the construction of Bus Depots for the Bus Rapid Transport (BRT) system as part of the larger Rustenburg Rapid Transport Network.
POSITIONS HELD: **Senior Environmental Scientist and EAP**
ACTIVITIES PERFORMED: Responsible for conducting the Scoping and EIR process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, extensive involvement with the project team, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **PPC JUPITER SLAG MILLING PROCESS**
YEAR: From: 2012 To: 2014
LOCATION: Germiston, South Africa
CLIENT: PPC Cement
MAIN PROJECT FEATURES: BA for the milling of slag by the application of heat
POSITIONS HELD: **Environmental Scientist**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **CALEDON WIND FARM**
YEAR: From: 2012 To: 2013
LOCATION: Caledon, Western Cape, South Africa
CLIENT: Electrawinds
MAIN PROJECT FEATURES: Community Wind Energy Facility
POSITIONS HELD: **Environmental Scientist**
ACTIVITIES PERFORMED: Responsible for Authority and client liaison. Overseeing of additional public participation

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 1**
YEAR: From: 2011 To: 2012
LOCATION: De Aar, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 1 – 132 KV POWER LINE**
YEAR: From: 2011 To: 2012
LOCATION: De Aar, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the construction of a power line connecting the site to the nearest substation
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 3**
YEAR: From: 2011 To: 2012
LOCATION: De Aar, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 4**
YEAR: From: 2011 To: 2012
LOCATION: Kuruman, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 5**
YEAR: From: 2011 To: 2012
LOCATION: Free State, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 7**
YEAR: From: 2011 To: 2012
LOCATION: Northern Cape, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 8**
YEAR: From: 2011 To: 2012
LOCATION: Jacobsdal, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the establishment of a solar farm
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 8 – 22 KV POWER LINE**
YEAR: From: 2011 To: 2012
LOCATION: Jacobsdal, South Africa
CLIENT: Transalloys (Pty)Ltd
MAIN PROJECT FEATURES: BA for the construction of a power line connecting the site to the nearest substation
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 9**
 YEAR: From: 2011 To: 2012
 LOCATION: Mpumalanga, South Africa
 CLIENT: Transalloys (Pty)Ltd
 MAIN PROJECT FEATURES: BA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: TRANSALLOYS ENERGY PROJECT 10**
 YEAR: From: 2011 To: 2012
 LOCATION: Jacobsdal, South Africa
 CLIENT: Transalloys (Pty)Ltd
 MAIN PROJECT FEATURES: BA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: OLAM ENERGY PROJECT 10 – 22 KV POWER LINE**
 YEAR: From: 2011 To: 2012
 LOCATION: Jacobsdal, South Africa
 CLIENT: Olam Energy (Pty)Ltd
 MAIN PROJECT FEATURES: BA for the construction of a power line connecting the site to the nearest substation
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: OLAM ENERGY PROJECT 11**
 YEAR: From: 2011 To: 2012
 LOCATION: Mpumalanga, South Africa
 CLIENT: Olam Energy (Pty)Ltd
 MAIN PROJECT FEATURES: BA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INYANGA ENERGY PROJECT 1**
 YEAR: From: 2011 To: 2012
 LOCATION: De Aar, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

ACTIVITIES PERFORMED: Conducting the Scoping assessment process, including report compilation, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INYANGA ENERGY PROJECT 7**
 YEAR: From: 2011 To: 2012
 LOCATION: Northern Cape, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INYANGA ENERGY PROJECT 8**
 YEAR: From: 2011 To: 2012
 LOCATION: Jacobsdal, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: INYANGA ENERGY PROJECT 9**
 YEAR: From: 2011 To: 2012
 LOCATION: Mpumalanga, South Africa
 CLIENT: Inyanga Energy (Pty)Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a solar farm
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: SQUARE KILOMETRE ARRAY LEGISLATIVE REVIEW (EIA PROCESS COMPONENT)**
 YEAR: From: 2011 To: 2011
 LOCATION: Southern Africa
 CLIENT: SKA panel
 MAIN PROJECT FEATURES: Responsible for the outline of the various environmental legislative processes that would be required for the installation of the various satellite dishes for the limbs of the SKA project extending into neighbouring African countries.
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Environmental Legislative review and interpretation.

NAME OF ASSIGNMENT/PROJECT: **SEF: DEPARTMENT OF ENVIRONMENTAL AFFAIRS – COORDINATED AND INTEGRATED PERMITTING SYSTEM**
 YEAR: From: 2011 To: 2012
 LOCATION: Pretoria, South Africa

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

CLIENT: Department of Environmental Affairs
 MAIN PROJECT FEATURES: Develop a Coordinated and Integrated Permitting System for the DEA for all permit/licenses/authorisations issued by the DEA
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Was responsible for analysing the current procedures that are followed by the DEA for each branch/directorate and compare it to the legislation. Had to then develop and compile a framework report outlining which processes could be integrated and which could only be coordinated, and had to ensure that this met legislative requirements. This process was work-shopped with the DEA and their input was captured and the frame work report revised. The project did not get to implementation stage

NAME OF ASSIGNMENT/PROJECT: **SEF: HUDDLE PARK DEVELOPMENT**
 YEAR: From: 2012 To: 2012
 LOCATION: Johannesburg, South Africa
 CLIENT: Huddle Park (Pty) Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a mixed use development.
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the Scoping assessment process, including report compilation, extensive Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: VODACOM DATA PARK**
 YEAR: From: 2012 To: 2012
 LOCATION: Johannesburg, South Africa
 CLIENT: Vodacom Properties (Pty) Ltd
 MAIN PROJECT FEATURES: BA for the construction of a data centre
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing Environmental Assistant's work, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: NETGROUP NELSPRUIT KANYAMAZANE SEA – GEOTECHNICAL RISK ASSESSMENT**
 YEAR: From: 2012 To: 2012
 LOCATION: Nelspruit, South Africa
 CLIENT: NETgroup
 MAIN PROJECT FEATURES: Geotechnical Risk Assessment for the Strategic Environmental Assessment for Eskom's distribution network
 POSITIONS HELD: **Environmental Geologist**
 ACTIVITIES PERFORMED: Conducted a desktop Geotechnical Risk Assessment to inform the KaNyamazane SEA

NAME OF ASSIGNMENT/PROJECT: **SEF: NETGROUP WEST COAST SEA**
 YEAR: From: 2010 To: 2010
 LOCATION: West Coast of South Africa
 CLIENT: NETgroup
 MAIN PROJECT FEATURES: Geotechnical Risk Assessment for the Strategic Environmental Assessment for Eskom's distribution network

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

POSITIONS HELD: **Environmental Geologist**
ACTIVITIES PERFORMED: Conducted a desktop Geotechnical Risk Assessment to inform the SEA.

NAME OF ASSIGNMENT/PROJECT: **SEF: NETGROUP EAST RAND SEA**
YEAR: From: 2010 To: 2010
LOCATION: East Rand of Gauteng, South Africa
CLIENT: NETgroup
MAIN PROJECT FEATURES: Geotechnical Risk Assessment for the Strategic Environmental Assessment for Eskom's distribution network
POSITIONS HELD: **Environmental Geologist**
ACTIVITIES PERFORMED: Conducted a desktop Geotechnical Risk Assessment to inform the SEA.

NAME OF ASSIGNMENT/PROJECT: **SEF: OMNIA SASOLBURG DUST MONITORING**
YEAR: From: 2010 To: 2012
LOCATION: Sasolburg, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: OMNIA RUSTENBURG DUST MONITORING**
YEAR: From: 2010 To: 2012
LOCATION: Rustenburg, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions.

NAME OF ASSIGNMENT/PROJECT: **SEF: OMNIA DRYDEN DUST MONITORING**
YEAR: From: 2011 To: 2012
LOCATION: Dryden, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: OMNIA CATO RIDGE DUST MONITORING**
YEAR: From: 2011 To: 2012
LOCATION: Cato Ridge, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: OMNIA HECTORSPRUIT DUST MONITORING**
YEAR: From: 2011 To: 2012
LOCATION: Hectorspruit, South Africa
CLIENT: Omnia (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: ANDALUSITE RESOURCES DUST MONITORING**
YEAR: From: 2009 To: 2010
LOCATION: Thabazimbi, South Africa
CLIENT: Andalusite Resources (Pty) Ltd
MAIN PROJECT FEATURES: Fall out dust monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted monthly fall out dust monitoring including analytically interpretation of the data received and recommendation of possible solutions.

NAME OF ASSIGNMENT/PROJECT: **SEF: CERAMIC INDUSTRIES WATER QUALITY MONITORING**
YEAR: From: 2010 To: 2012
LOCATION: Vereeniging, South Africa
CLIENT: Ceramic Industries
MAIN PROJECT FEATURES: Water Quality Monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted monthly water quality monitoring including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: NATIONAL CHICKS WATER QUALITY ASSESSMENT**
YEAR: From: 2011 To: 2011
LOCATION: Pretoria, South Africa
CLIENT: National Chicks (Pty) Ltd
MAIN PROJECT FEATURES: Water Quality Monitoring
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Conducted a once off water quality assessment including analytically interpretation of the data received and recommendation of possible solutions

NAME OF ASSIGNMENT/PROJECT: **SEF: VLAKPLAATS SECTION 24 G APPLICATION**
YEAR: From: 2010 To: 2010
LOCATION: Mogale City, South Africa
CLIENT: Mogale City Local Municipality
MAIN PROJECT FEATURES: Section 24 G report
POSITIONS HELD: **Environmental Assistant**
ACTIVITIES PERFORMED: Assisted with the compilation of an environmental management plan for the operation and rehabilitation phase of the development

NAME OF ASSIGNMENT/PROJECT: **SEF: USSHER SITE MIXED USE DEVELOPMENT**
YEAR: From: 2010 To: 2011
LOCATION: Johannesburg, South Africa
CLIENT: Standard Bank Properties (Pty) Ltd

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: Scoping EIA for a mixed use development
 POSITIONS HELD: [Environmental Manager/Assistant](#)
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: [SEF: OLIFANTSVLEI CEMETERY](#)
 YEAR: From: 2010 To: 2011
 LOCATION: Johannesburg, South Africa
 CLIENT: Johannesburg City Parks
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a regional cemetery
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: [SEF: WEST LAKE VIEW DEVELOPMENT](#)
 YEAR: From: 2010 To: 2011
 LOCATION: Johannesburg, South Africa
 CLIENT: Heartland Properties (Pty) Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of a mixed use development
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Conducting the Scoping and EIA assessment process, including report compilation, reviewing and interrogation of specialist studies, Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: [SEF: RAINBOW JUNCTION TWIN FILLING STATION](#)
 YEAR: From: 2010 To: 2010
 LOCATION: Pretoria, South Africa
 CLIENT: Sinovich Group (Pty) Ltd
 MAIN PROJECT FEATURES: Scoping EIA for the establishment of Twin Filling Stations
 POSITIONS HELD: [Environmental Assistant](#)
 ACTIVITIES PERFORMED: Assisted with obtaining heritage approvals and extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: [SEF: INNOLAND EXTENSION 1](#)
 YEAR: From: 2010 To: 2011
 LOCATION: Pretoria, South Africa
 CLIENT: Innoland (Pty) Ltd
 MAIN PROJECT FEATURES: BA for the establishment of a commercial development
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: [SEF: INNOLAND EXTENSION 2](#)
 YEAR: From: 2010 To: 2011
 LOCATION: Pretoria, South Africa
 CLIENT: Innoland (Pty) Ltd

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: BA for the establishment of a mixed use development
 POSITIONS HELD: [Environmental Manager](#)
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: [SEF: EXTENSION 34, MONTANNA AGRICULTURAL HOLDINGS MIXED USE DEVELOPMENT](#)

YEAR: From: 2010 To: 2011

LOCATION: Pretoria, South Africa

CLIENT: Sinovich Group

MAIN PROJECT FEATURES: BA for the establishment of a mixed use development

POSITIONS HELD: [Environmental Manager/Project Manager](#)

ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: [SEF: HAZELDEAN FILLING STATION](#)

YEAR: From: 2009 To: 2009

LOCATION: Pretoria, South Africa

CLIENT: Abland (Pty) Ltd

MAIN PROJECT FEATURES: Scoping EIA for the establishment of a filling station

POSITIONS HELD: [Environmental Assistant](#)

ACTIVITIES PERFORMED: Assisted extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: [SEF: MULDRSDRIFT OUTFALL SEWER](#)

YEAR: From: 2009 To: 2009

LOCATION: Krugersdorp, South Africa

CLIENT: Mogale City Local Municipality

MAIN PROJECT FEATURES: Scoping EIA for the upgrade of a sewer reticulation system

POSITIONS HELD: [Environmental Assistant](#)

ACTIVITIES PERFORMED: Assisted with the completion of the EIR and extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: [SEF: WEST VILLAGE OUTFALL SEWER](#)

YEAR: From: 2009 To: 2009

LOCATION: West Rand District, South Africa

CLIENT: West Rand District Municipality

MAIN PROJECT FEATURES: BA for the upgrade of a sewer reticulation system

POSITIONS HELD: [Environmental Assistant](#)

ACTIVITIES PERFORMED: Assisted with the completion of the BAR and extensive authority liaison

NAME OF ASSIGNMENT/PROJECT: [SEF: SOUTH GERMISTON EXTENSION 21 MIXED USE DEVELOPMENT](#)

YEAR: From: 2009 To: 2009

LOCATION: Germiston, South Africa

CLIENT: Urban Dynamics (Pty) Ltd

MAIN PROJECT FEATURES: BA for the establishment of a mixed use development

POSITIONS HELD: [Environmental Assistant](#)

ACTIVITIES PERFORMED: Assisted with the completion of the BAR and extensive authority liaison

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **SEF: BALFOUR DIESEL TANKS**
 YEAR: From: 2009 To: 2009
 LOCATION: Balfour, South Africa
 CLIENT: Great Basin Gold
 MAIN PROJECT FEATURES: BA for the installation of diesel tanks
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Assisted with the compilation of the BAR and extensive client and authority liaison

NAME OF ASSIGNMENT/PROJECT: **SEF: ELANDSDRIFT WATER PIPELINE**
 YEAR: From: 2009 To: 2009
 LOCATION: Mogale City, South Africa
 CLIENT: Mogale City Local Municipality
 MAIN PROJECT FEATURES: BA for the establishment of a water reticulation pipeline
 POSITIONS HELD: **Environmental Assistant**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement.

NAME OF ASSIGNMENT/PROJECT: **SEF: REDLEAF TRADING**
 YEAR: From: 2009 To: 2009
 LOCATION: Vereeniging, South Africa
 CLIENT: Redleaf Trading (Pty) Ltd
 MAIN PROJECT FEATURES: BA for the installation of LPG tanks
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: EXTENSION OF AVALON CEMETERY**
 YEAR: From: 2009 To: 2010
 LOCATION: Johannesburg, South Africa
 CLIENT: Johannesburg City Parks
 MAIN PROJECT FEATURES: BA for the extension of a cemetery
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Conducting the BA process, including report compilation, reviewing and interrogation of specialist studies, extensive Client Liaison, Authority Liaison, and public participation involvement

NAME OF ASSIGNMENT/PROJECT: **SEF: K34 REALIGNMENT ALONG LYNNWOOD ROAD ENVIRONMENTAL OPINION**
 YEAR: From: 2012 To: 2012
 LOCATION: Pretoria, South Africa
 CLIENT: Bigen Africa (Pty) Ltd
 MAIN PROJECT FEATURES: Environmental opinion
 POSITIONS HELD: **Environmental Manager**
 ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

do not require environmental authorisation

NAME OF ASSIGNMENT/PROJECT: **SEF: MONTANA HOLDINGS EXT 34, ENVIRONMENTAL OPINION**
YEAR: From: 2011 To: 2011
LOCATION: Pretoria, South Africa
CLIENT: Sinovich Group
MAIN PROJECT FEATURES: Environmental opinion
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities do not require environmental authorisation

NAME OF ASSIGNMENT/PROJECT: **SEF: MEGATRON FEDERAL TELECOMMUNICATIONS MAST ENVIRONMENTAL OPINION**
YEAR: From: 2010 To: 2010
LOCATION: Midrand, South Africa
CLIENT: Megatron Federal (Pty) Ltd
MAIN PROJECT FEATURES: Environmental opinion
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities do not require environmental authorisation

NAME OF ASSIGNMENT/PROJECT: **SEF: DIEPSLOOT STORM WATER UPGRADE ENVIRONMENTAL OPINION**
YEAR: From: 2009 To: 2009
LOCATION: Diepsloot, South Africa
CLIENT: Semanya Furumele Consulting (Pty) Ltd
MAIN PROJECT FEATURES: Environmental opinion
POSITIONS HELD: **Environmental Manager**
ACTIVITIES PERFORMED: Compilation of an environmental opinion proving that the proposed activities do not require environmental authorisation.

PUBLICATIONS:

- None

Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of staff member or authorized representative of the staff]

Date: _____
Day/Month/Year

Full Name of Authorized Representative: Tashriq Naicker