



ATMOSFERA CONSULTING (Pty) Ltd

COMPANY PROFILE

ABOUT US

Company History

ATMOSFERA

ATMOSFERA CONSULTING (Pty) Ltd was founded in 2025 by a skilled specialist with a multitude of experience in undertaking air quality, environmental noise / acoustics, and climate change specialist studies as well as supporting services such as monitoring.

ATMOSFERA CONSULTING undertakes comprehensive studies for covering a multitude of potential sources and risks throughout a variety of facilities lifecycle. As part of our studies ATMOSFERA CONSULTING proposes proactive pollution control measures to tackle potential sources of significant impacts and design management procedures to pre-empt and / or control unplanned releases, to avoid legal non-compliance, and ensuring operational continuity.

ATMOSFERA CONSULTING although located in South Africa can undertake studies for facilities in all countries.

ATMOSFERA CONSULTING is capable of assisting with your environmental consulting and engineering requirements either directly or through our network of experienced associates.

Background

ATMOSFERA CONSULTING is a Micro Enterprise self-owned and operated by Natasha Shackleton (née Gresse), a South African Council for Natural Scientific Professions (SACNASP) registered Professional Natural Scientist (Pr.Sci.Nat.) in the Physical Sciences field.

Natasha is a seasoned specialist with over 14 years of experience in air quality studies, environmental noise monitoring, and climate change assessments. She has a wealth of expertise in various areas, including data analysis and interpretation, emissions and acoustic inventories, dispersion and propagation modelling, impact assessments, technical report writing and compliance with national and international regulations.

Natasha's extensive portfolio encompasses projects across Africa, providing her with a deep understanding of International Finance Corporation (IFC) guidelines and standards. She has undertaken various industries and institutions atmospheric and greenhouse emissions reporting as well as Atmospheric Emission License applications in South Africa.

SERVICES

Air Quality

Air Quality Management

- Specialist opinion for minor operational variations e.g. input material changes.
- Human health and environmental risk screening using dispersion modelling.
- Emission reduction strategies.
- Impact management strategies.
- Monitoring plan design.
- Unplanned/emergency release event assessments.
- Uncontrolled incident assessments.
- Modelling for radiation and health impact assessments.

Air Quality Compliance

- Atmospheric Emission Licences (AELs).
- Atmospheric Impact Report (AIR) and associated atmospheric dispersion modelling.
- National Atmospheric Emissions Reporting / National Atmospheric Emissions Inventory System (NAEIS) submittals.
- Emissions compliance reporting.
- Pollution trend reports.
- Major upgrades reports.
- AEL audits.

Air Quality Measurement Investigations

- Environmental and sources measurements programme and procedure development.
- Statistical data analysis.
- Compliance audits and monitoring data reports.
- Source apportionment studies.

Internal Investigations

- Air emission estimation tool development.
 - Optimal stack design selection.
 - Air quality management programme/plan development, review and update.
-

Environmental Noise/Acoustics

Environmental Noise Assessment

- Human and environmental exposure assessments
- Resultant noise levels reduction and management strategies programme development
- Environmental noise monitoring plans development

Engineering Design Acoustics Assessment

- Design impact assessment.
- Design alternatives assessment (mitigation measures, building materials, locality, and manufacturer specification requirements).

Noise Measurement Investigations

- Environmental and sources measurements programme and procedure development.
- Data analysis.
- Reporting.

Internal Investigations

- Sound power level estimation.
- Environmental noise management programme/plan development, review and update.

Climate Change

Climate Change Assessments and Management

- Emissions estimation and benchmarking.
- Physical risks assessments.
- Transitional risks assessments.
- Mitigation and adaptation strategies.
- Unplanned event assessments

Climate Change Compliance

- Pollution prevention plans.
 - National Greenhouse Gas Emissions Reporting / South African Greenhouse Gas Emissions Reporting System (SAGERS) submittals.
 - Carbon footprint.
 - Audits.
-

Expert Services

- Professional opinion letters.
- Peer Review.
 - Air quality.
 - Environmental noise.
 - Climate change.
- Air quality and environmental noise processes training / short-courses.

Upcoming Services

- Climate change risk and vulnerability assessments.
- Equipment supply.
 - Meteorological.
 - Air quality.
 - Environmental noise.
- Monitoring and sampling.
 - Short-term environmental and source noise surveys.
 - Short-term ambient gaseous pollutant sampling (passive diffusive sampling and active sampling).
 - Dust fallout monitoring (analysis completed by SANAS accredited laboratory).
 - Fine particulate matter monitoring (low-cost sensors).
 - Stack sampling (accredited external consultants).
- Climate change vulnerability and risk avoidance training.
- Climate change adaptation plan implementation guidance.

Support Services

Should you require an environmental service not included in this document, please contact us regarding your request and we will endeavour to assist you either directly through ATMOSFERA CONSULTING or one of our sub-contractors and / or network of associate specialists, consultants, technicians, and engineers.

ACCREDITATIONS AND ORGANISATIONS

Professional Registrations

South African Council for Natural Scientific Professions (SACNASP) - Professional Natural Scientist (Pr.Sci.Nat.) - Physical Science field – Registration Number: 116335

Organisations

National Association for Clean Air (NACA) - <https://www.naca.org.za>

International Association for Impact Assessment South Africa (IAIAsa) - <https://iaiasa.co.za>

South African Society for Atmospheric Sciences (SASAS) - <https://www.sasas.org>

CONTACT US

Ownership and Employee Information

Directors:

Natasha Anne Shackleton

Number of Employees:

One (1)

Shareholders:

Natasha Anne Shackleton – 100%

Company Information

Company Name:

ATMOSFERA CONSULTING (Pty) Ltd

Company Registration Number:

2025/400655/07

Registration Information

VAT Number:

Not Registered - Exempt

SARS Tax Reference Number:

9041288326

Contact Information

Telephone:

+27 71 641 5231 / +27 61 547 1614

Email:

consulting@atmosfera.co.za

Website:

www.atmosfera.co.za

LinkedIn:

[atmosfera-consulting](#)

Facebook:

[atmosfera.consulting](#)

Physical and Postal Address:

26 La Bri, 94 Mopani Road, Hennopspark, Gauteng 0157, South Africa

