



## YOUR ENVIRONMENTAL LEADING TECHNICAL EXPERTS



AIRQUAL CONSULTING LTD  
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### ABOUT US

**Airqual** Consulting Limited offers the widest range of environment baselines studies, site investigations, inspection and compliance services in the country and across the African region. We pride ourselves on our client-focused approach and continual drive to exceed expectations through our leading technical expertise, operational excellence and technological innovation.

Our extensive service offering allows us to support you with complete solutions providing peace of mind and delivering efficiencies. **Airqual** Consulting is incredibly proud of its heritage and today the business has a team of highly experienced employees, all with the aim of being **“your Trust of Sure Quality partner for technical expertise and service.”**

#### 1.1 Trust of Assured Quality

Quality is built into all of our operations and processes supported by world class experts and advanced instrumentation and technology to maximize efficiency. Our clients have peace of mind that our services are quality assured and our stringent internal quality control system is backed up by industry leading technical experts and approved supplier recognition.

#### 1.2 Our Vision

At Airqual, we are client-focused and our vision is to be **“Your Sure Trust leading partner for technical expertise and service.”** As our slogan goes **“At the Heart of the Earth”**

#### 1.3 Our Values

In order to achieve our company vision, we operate in accordance with the following values:

- **Client-focused delivery** – To achieve a truly client-focused business, we ensure that the client is at the Centre of all of our decisions. In every action that we take, we consider, will this benefit the client?
- **Respect** – We treat our clients, our colleagues, and the public with respect as we put the Earth at our Heart.
- **Ownership** – Every **Airqual** Consulting employee is responsible for their own contribution to the business and the service they deliver to internal and external clients. We all take ownership for our own safety, the safety of our colleagues and that of our clients, as part of everyone’s safety goal – **“Everyone home safe, every day.”**

### 1.4 Our Results

Our values offer a guiding hand in everything that we do as we empower communities around our areas of operations to find ways to protect our planet from climate breakdown, air pollution, water loss, environmental conservation, solid waste and more.

**Airqual** nurtures community solutions by providing locals with knowledge and expertise. We complement this movement-building by putting direct pressure on international decision-makers to amplify local voices and advance systemic environmental reform.

### 1.6 Our Team

Our employees form the core of our business and we recognize that it is the caliber of the people that make up our teams that differentiates us from our competitors. As such, we work hard to recruit, develop and retain the best talent in the industry.

### 1.7 Leading Technical Expertise

With industry leading technical expertise, our highly qualified teams take pride in their work and in keeping their skills up-to-date. With this in mind, we can boast some of the leading technical experts and reassure our clients that they are dealing with a highly qualified team.

## OUR SERVICES

**Airqual** consulting offers a wide range of services to assist you meet your company's needs.

### AIR QUALITY

We offer a full range of air quality services including:

- Compliance strategies for all local, regional and other international or country standards;
- Licensing and permitting;
- Impact assessments including air dispersion modeling and ambient air quality monitoring;
- Climate change strategies - GHG permitting and compliance, carbon and energy management;
- Climate risk and resilience assessment and planning; and
- Quantification and inventory - air measurements, emission sampling, air emissions inventories, stack testing, compliance monitoring.

Around the African Continent, we regularly perform:

- Ambient air sampling: Project specific and continuous monitoring
- Source emission testing
  - Isokinetic determination of particulate concentrations, Acid gases, Trace metals, Dioxins and Furans and continuous gaseous measurement.
  - CEMS calibration services in terms of the latest US EPA and EU Regulations including
- Indoor Air Quality Monitoring.

## AUDITS

*Effective EHS audit programs help organizations improve ongoing performance by embedding EHS into corporate strategies, business practices, workplace cultures, and employee behaviors on a long-term basis.*

At **Airqual** we use:

- Proven techniques, approaches, and tools to ensure audit programs deliver on expectations;
- Knowledge-sharing processes that ensure consistent, global, and high-quality service delivery;
- Experience across a range of sectors combined with the ability to leverage a network of subject matter specialists.

## Site Investigation, Risk Assessment & Remediation

**Contaminated sites represent a major risk to the reputation and financial stability of a company.** Getting a clear understanding of the scope of the issues based on a comprehensive investigation and characterization using the latest technologies and tools is critical. A successful investigation produces representative risk assessments, successful risk management options and strategies, and realistic long-term environmental reserve estimates.

## Environmental Compliance

At **Airqual**, we align strategy, processes and people, and leverage cutting-edge tools and methodologies to help clients comply with environmental issues. With

growing stakeholder awareness of environmental issues, ensuring and demonstrating compliance can help companies attract investors, retain customers and boost revenue.

## Air Dispersion Modelling

If you're involved in the planning of a new industrial facility, you'll want to know how it will affect the local air quality. Perhaps you're looking for information about an existing facility, or a proposed modification. Either way, **Airqual** dispersion modelling will give you the answers you need.

Our extensive experience in the application of meteorological prediction models and advanced dispersion models allows us to generate high-quality impact assessments for odour and traditional pollutants

## OCCUPATIONAL OR INDUSTRIAL HYGIENE MONITORING

We offer a range of services to help companies protect their employees from failures in industrial hygiene procedures. Services include:

- Qualitative assessments per Similar Exposure Groups (SEG)
  - Hazard identification

- Estimating potential severity of exposure
- Sampling plan development
- Quantitative assessments including:
  - Airborne chemical contaminant exposure measurements & evaluations
  - Physical exposure measurements & evaluations (e.g. noise, radiation, heat stress, vibration)
  - Biological agent evaluations

## ENERGY & CLIMATE CHANGE

**Airqual** works with companies comprehensively assess the impact of climate change on their business and then develop an integrated program that cost effectively mitigates the material risks, captures opportunities and tracks progress. Our deep experience in climate policy, carbon markets, economics and risk management provide our clients with the broad range of insights required to build these plans.

## BIODIVERSITY & ECOSYSTEM

As a growing body of evidence and global initiatives highlight the seriousness of biodiversity decline, and measures are put in place to reverse this trend, it is

becoming increasingly important for companies to understand and minimize their impact on ecosystems. **Through Airqual consulting limited, you will understand risks and realize returns**

## Other Services

### *Noise & Vibration:*

Carry out ambient and occupational noise and vibration measurements in the field.

### *Water Quality*

Conduct independent sampling of surface water, ground water, process water, drinking water, waste water, bathing water and sludge.

### *Soil and Sediment*

Perform a variety of environmental drilling, soil and sediment sampling.

