



Experts in air quality, odour and emission monitoring.

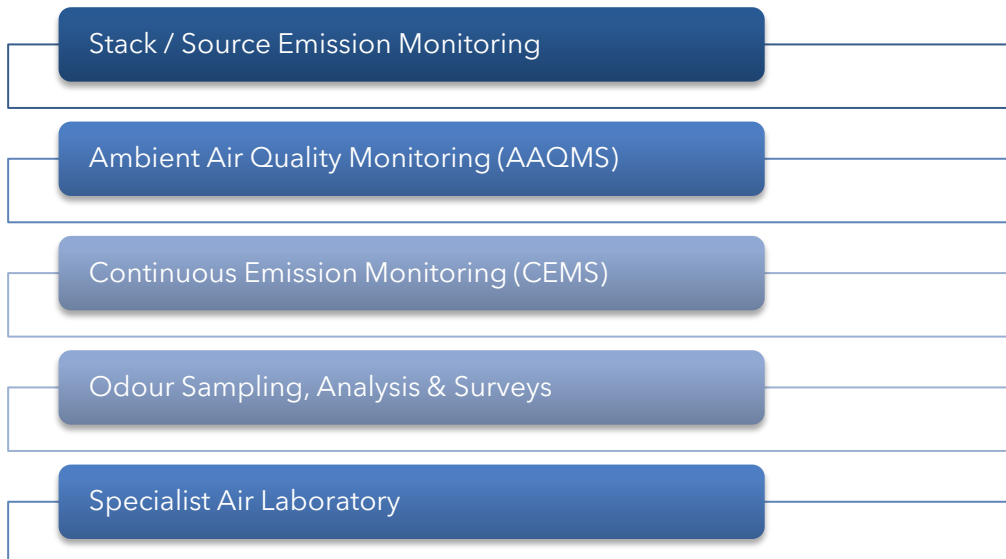
Capability Statement

1-Mar-2025



Accredited for compliance with ISO/IEC 17025 - Testing. NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, calibration, and inspection reports.

Capabilities



About Ektimo

At Ektimo, we believe accurate and reliable data is the key to understanding your environmental impact. We combine decades of in-house expertise with cutting-edge technology to deliver National Association of Testing Authorities (NATA) accredited air quality, odour and emission monitoring solutions.

- Ektimo principals have been working in the industry since 1986.
- Approximately 80 in our team, across 4 states (VIC, WA, NSW & QLD).
- Largest stack and ambient monitoring team in Australia.
- Internationally qualified (USA - QSTI & EUR - MCERTS).
- Multiple NATA Technical Assessors on management team.
- Specialist in-house air laboratory in VIC.
- Odour olfactometry laboratories in VIC, WA & NSW.
- CEMS and AQMS data authentication experts, managed by Instruments Engineers & Technicians.
- Supported by dedicated Quality, Reporting and Safety teams.
- CASANZ Platinum Clean Air Partner

Our Purpose

- We help understand our impact on air quality, supporting both human and ecological well-being.

Our Mission

- We develop, implement and optimise air quality and emissions monitoring solutions.

Our Vision

- We pioneer environmental sustainability, creating a better planet for tomorrow.

Who we service

With teams in VIC, WA, NSW & QLD we service all industries across Australia including:

Aluminium	Oil & Gas
Cement	Power Generation
Waste Water Treatment	Industrial
Metals & Mining	Environmental Consultants
Paper & Packaging	

Accreditation



Ektimo is accredited with the National Association of Testing Authorities (NATA) for air emission monitoring methods in Australia, including the industry standard AS, USEPA and ISO methods.

For full details of Ektimo's scope of accreditation, search for Ektimo on the [NATA website](#).



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Partnerships

We are a CASANZ Clean Air Partner, working together to advance air quality management and shape the air quality profession of the future.



Technical Capability

Stack/Source Emission Monitoring

Emission monitoring is our specialty, having served industry for nearly 40 years. We support your regulatory compliance and emission monitoring needs.

Whatever your industry, Ektimo has experience in it. With the largest monitoring team in Australia, we have accumulated a body of knowledge which translates into efficiently run projects.

Our national presence also ensures responsive and timely service across Australia.

Monitoring capabilities:

Sampling Plane Assessment	Hydrogen Sulfide (H ₂ S)
Velocity, Flow Rate & Temperature	Volatile Organic Compounds (VOC)
Moisture	Total Organic Compounds (TOC)
Particulate Matter (PM)	Mercury (Hg)
PM ₁₀ & PM _{2.5}	Metals
Nitrogen Oxides (NO & NO ₂)	Hydrogen Chloride (HCl)
Sulfur Dioxide (SO ₂)	Hydrogen Fluoride (HF)
Sulfuric Acid Mist (H ₂ SO ₄) or Sulfur Trioxide (SO ₃)	Formaldehyde, Aldehydes & Ketones
Carbon Dioxide (CO ₂)	Dioxins or Furans
Oxygen (O ₂)	Polycyclic Aromatic Hydrocarbons (PAHs)
Carbon Monoxide (CO)	Hexavalent Chromium (Cr)
Total Reduced Sulfur (TRS)	Phenols

[Click here for more detail](#)

Ambient Air Quality Monitoring (AAQMS)

Our team will tailor your ambient air quality monitoring based on your unique needs. We have solutions ranging from indicative monitors to regulatory compliant AAQMS.

Ektimo offer a comprehensive range of ambient air quality monitoring services to all industries.

We support the design and implementation of suitable monitoring regimes depending on your specific situation and needs.

Monitoring programs are designed taking into consideration state-based regulations (ie Victorian Environment Reference Standard (ERS)) and the National Environment Protection Measures (NEPM) for ambient air quality.

A complete end-to-end solution when it comes to AAQMS; consulting, scoping, commissioning, monitoring, sampling, analysis, servicing, calibrating, data validation and reporting.

NATA accredited according to a range of AS 3580 series methods, and regulatory compliant with Australian requirements.

Monitoring capabilities:

Siting Requirements	Metals
Particulate Matter (TSP)	Methane (CH ₄) & Non-Methane Organics
PM ₁₀ & PM _{2.5}	Fluoride (F)
Nitrogen Oxides (NO & NO ₂)	Polycyclic Aromatic Hydrocarbons (PAH's)
Sulfur Dioxide (SO ₂)	Road Tunnels
Ozone (O ₃)	Weather / Meteorological
Carbon Monoxide (CO)	Data Validation

[Click here for more detail](#)

Continuous Emission Monitoring (CEMS)

Our extensive experience in source emission monitoring provides us with unique industry insight. We work with you to design, build & certify CEMS according to Australian CEMS & USEPA requirements.

Ektimo are not just instrumentation providers. We understand the crucial requirements for a successful CEMS installation; understand the industry application, the regulatory requirements and the appropriate technology options globally.

Whether for regulatory compliance purposes or operational process requirements, Ektimo has the capability to provide continuous measurement of gaseous components across most applications.

A complete end-to-end solution when it comes to CEMS; consulting, scoping, commissioning, monitoring, sampling, analysis, servicing, calibrating, data validation and reporting.

NATA accredited according to a range of USEPA Performance Specifications (PS) methods, and regulatory compliant with Australian CEMS requirements (ie WA CEMS Code).

Monitoring capabilities:

- Particulate Matter (PM)
- Opacity
- Nitrogen Oxides (NO & NO₂)
- Sulfur Dioxide (SO₂)
- Oxygen (O₂) & Carbon Dioxide (CO₂)
- Carbon Monoxide (CO)
- Total Reduced Sulfur (TRS)
- Velocity or Flow
- Hydrogen Sulfide (H₂S)
- VOC, TOC & GC & FTIR
- Mercury (Hg)
- Predictive Emission Monitoring Systems (PEMS)
- Hydrogen Chloride (HCl)
- Ethylene Oxide (EO)
- Ammonia (NH₃)
- Moisture (H₂O)
- Nitrous Oxide (N₂O)
- Hydrogen Fluoride (HF)

[Click here for more detail](#)

Odour Sampling, Analysis & Surveys

Odour generates more community complaints than any other pollutant.

We have a dedicated odour team at the forefront of this dynamic field. We offer a range of specialised services to support resolution of your odour issues.

Odour is a complex field requiring expertise and a variety of tools. Ektimo offer a range of services in this field from odour source measurement, analysis and field odour surveys to odour risk assessments and odour management plans.

Ektimo's dedicated odour team can tailor an approach to help solve your specific issue.

Monitoring capabilities:

- Odour Sampling and Analysis
- Odour Area Source Sampling
- Odour Monitoring & Field Odour Surveys
- Odour Risk Assessments

[Click here for more detail](#)

Specialist Air Laboratory

Ektimo is the largest laboratory in Australia that specialises in air analysis.

We use a range of advanced instrumentation and techniques with a particular focus on regulatory compliant gaseous and air analysis.

Our laboratory offers a comprehensive range of services, from routine compliance to complex project analysis, and are committed to delivering high-quality results with fast turnaround times.

This is driven by a highly skilled team, with dedicated experience specific to air sampling and analysis.

Analysis capabilities:

- VOCs (Charcoal / Radiello tube - GCMS)
- VOCs - TO-15 (Gas bags / Canisters - TD-GCMS)
- Sulfur Gases (Gas bags / Canisters - TD-GCMS)
- Hydrocarbon Gases (Gas bags - FID)
- Atmospheric Gases (Gas bags - TCD/FID)
- Siloxanes (Gas bags / Canisters - TD-GCMS)
- Metals (Filter / Solution - ICPMS)
- Aldehydes (2,4-DNPH Tube, Radiello / Solution - HPLC)
- Isocyanates (Ethanol - HPLC)
- Phenolics (Solution - HPLC)
- Anions (Solution - IC)
- Dusts & Particulates & Particle Sizing
- Odour

[Click here for more detail](#)

[Contact us](#) to speak to one of our industry experts about how we can help with your next project.

Ektimo

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Experts in air quality, odour and emission monitoring.

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