

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.

| Siting Requirements | PM10 | PM2.5 |
|--|--|---|
| <ul style="list-style-type: none">AS 3580.1.1 - Guide to siting air monitoring equipment | <ul style="list-style-type: none">AS 3580.9.6 - Determination of suspended particulate matter - PM10 high volume sampler with size selective inlet - Gravimetric MethodAS 3580.9.7 - Determination of suspended particulate matter - Dichotomous sampler (PM10, coarse PM and PM2.5) - Gravimetric MethodAS 3580.9.8 - Determination of suspended particulate matter - PM10 continuous direct mass method using a TEOMAS 3580.9.9 - Determination of suspended particulate matter - PM10 low volume sampler - Gravimetric methodAS 3580.9.11 - Determination of suspended particulate matter – PM10 beta attenuation monitorsAS 3580.9.16 - Determination of suspended particulate matter - PM10 continuous direct mass method using a TEOM incorporating a FDMS unit | <ul style="list-style-type: none">AS 3580.9.10 - Determination of suspended particulate matter - PM2.5 low volume sampler - Gravimetric methodAS 3580.9.12 - Determination of suspended particulate matter - PM2.5 beta attenuation monitorsAS 3580.9.13 - Determination of suspended particulate matter - PM2.5 continuous direct mass method using a TEOMAS 3580.9.14 - Determination of suspended particulate matter - PM2.5 high volume sampler with size selective inlet - Gravimetric Method |
| Particulate Matter (TSP) | | |
| <ul style="list-style-type: none">AS 3580.9.3 - Determination of suspended particulate matter - Total suspended particulates (TSP) - High volume sampler - Gravimetric methodAS 3580.10.1 - Determination of particulate matter - Deposited matter - Gravimetric method | | |

Experts in air quality, odour and emission monitoring.

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](#).



Contact us to speak to one of our industry experts about how we can help with your next project.

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|---|--|---|
| Nitrogen Oxides (NO & NO2) | Sulfur Dioxide (SO2) | Ozone (O3) |
| <ul style="list-style-type: none">AS 3580.5.1 - Determination of oxides of nitrogen - Direct reading instrumental method | <ul style="list-style-type: none">AS 3580.4.1 - Determination of sulfur dioxide - Direct reading instrumental method | <ul style="list-style-type: none">AS 3580.6.1 - Determination of ozone - Direct reading instrumental method |
| Carbon Monoxide (CO) | Metals | Methane (CH4) & Non-Methane Organics |
| <ul style="list-style-type: none">AS 3580.7.1 - Determination of carbon monoxide - Direct reading instrumental method | <ul style="list-style-type: none">AS 3580.9.15 - Determination of suspended particulate matter - Particulate metals high or low volume sample gravimetric collection - Inductively coupled plasma (ICP) spectrometric method | <ul style="list-style-type: none">AS 3580.11.1 - Determination of methane and non-methane organic compounds in ambient air - Direct reading instrumental method |
| Fluoride (F) | Polycyclic Aromatic Hydrocarbons (PAH's) | Road Tunnels |
| <ul style="list-style-type: none">AS 3580.13.2 - Determination of gaseous and acid-soluble particulate fluorides - Manual, double filter paper sampling | <ul style="list-style-type: none">AS 3580.16 - Determination of polycyclic aromatic hydrocarbons (PAH) | <ul style="list-style-type: none">AS 3580.18 - Measurement of road tunnel air quality |
| Weather / Meteorological | Data Validation |  |
| <ul style="list-style-type: none">AS 3580.14 - Meteorological monitoring for ambient air quality monitoring applications | <ul style="list-style-type: none">AS 3580.19 - Ambient air quality data validation and reporting | |