

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).

Particulate Matter (PM)	Opacity	Nitrogen Oxides (NO & NO2) Sulfur Dioxide (SO2)
<ul style="list-style-type: none">USEPA Performance Specification 11 (PS-11)USEPA Quality Assurance Procedure 2 (Proc 2)WA CEMS CodeNSW EPA CEM-11	<ul style="list-style-type: none">USEPA Performance Specification 1 (PS-1)USEPA Quality Assurance Procedure 3 (Proc 3)WA CEMS CodeNSW EPA CEM-1	<ul style="list-style-type: none">USEPA Performance Specification 2 (PS-2)USEPA Quality Assurance Procedure 1 (Proc 1)WA CEMS CodeNSW EPA CEM-2
Oxygen (O2) & Carbon Dioxide (CO2)	Carbon Monoxide (CO)	Total Reduced Sulfur (TRS)
<ul style="list-style-type: none">USEPA Performance Specification 3 (PS-3)USEPA Quality Assurance Procedure 1 (Proc 1)ISO 12039 Stationary source emissions – Determination of the mass concentration of carbon monoxide, carbon dioxide and oxygen in flue gas – Performance characteristics of automated measuring systemsWA CEMS CodeNSW EPA CEM-3	<ul style="list-style-type: none">USEPA Performance Specification 4 (PS-4)USEPA Performance Specification 4A (PS-4A)USEPA Quality Assurance Procedure 1 (Proc 1)WA CEMS CodeNSW EPA CEM-4	<ul style="list-style-type: none">USEPA Performance Specification 5 (PS-5)USEPA Quality Assurance Procedure 1 (Proc 1)WA CEMS CodeNSW EPA CEM-5

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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Velocity or Flow <ul style="list-style-type: none">USEPA Performance Specification 6 (PS-6)USEPA Quality Assurance Procedure 1 (Proc 1)WA CEMS CodeNSW EPA CEM-6	Hydrogen Sulfide (H2S) <ul style="list-style-type: none">USEPA Performance Specification 7 (PS-7)USEPA Quality Assurance Procedure 1 (Proc 1)WA CEMS CodeNSW EPA CEM-7	VOC, TOC & GC & FTIR <ul style="list-style-type: none">USEPA Performance Specification 8 (PS-8)USEPA Performance Specification 8A (PS-8A)USEPA Performance Specification 9 (PS-9)USEPA Performance Specification 15 (PS-15)USEPA Quality Assurance Procedure 1 (Proc 1)NSW EPA CEM-8NSW EPA CEM-9NSW EPA CEM-10
Mercury (Hg) <ul style="list-style-type: none">USEPA Performance Specification 12A (PS-12A)USEPA Performance Specification 12B (PS-12B)USEPA Quality Assurance Procedure 5 (Proc 5)NSW EPA CEM-12	Predictive Emission Monitoring Systems (PEMS) <ul style="list-style-type: none">USEPA Performance Specification 16 (PS-16)USEPA Quality Assurance Procedure 1 (Proc 1)	Hydrogen Chloride (HCl) <ul style="list-style-type: none">USEPA Performance Specification 18 (PS-18)USEPA Quality Assurance Procedure 6 (Proc 6)NSW EPA CEM-13 
Ethylene Oxide (EO) <ul style="list-style-type: none">USEPA Performance Specification 19 (PS-19)USEPA Quality Assurance Procedure 1 (Proc 1)	Other analytes (with no prescribed method) <ul style="list-style-type: none">Ammonia (NH3)Moisture (H2O)Nitrous Oxide (N2O)Hydrogen Fluoride (HF)	