



# Air Quality Monitoring Stations for Compliance Applications

Ambient air may be defined as “that portion of the atmosphere, external to buildings, to which the general public has access.” [USEPA].

The most commonly measured variables of ambient air are:

- Gases – NO, NO<sub>2</sub>, NO<sub>x</sub>, SO<sub>2</sub>, H<sub>2</sub>S, CO, CO<sub>2</sub>, O<sub>3</sub>
- Particulates – TSP, PM<sub>10</sub>, PM<sub>2.5</sub>
- Organics - VOCs
- Metals - Mercury (Hg)

Ambient air quality monitoring is used to:

- establish air quality baselines
- make environmental and community health impact assessments
- monitor remediation works
- assist with environmental compliance

Compliance Monitoring provides ambient air monitoring program design and implementation in any location including Wind Region D.

Benefits:

- NATA accredited
- Australian Standard methods
- Air, water, noise and stack emissions monitoring
- Daily data reports
- Web data available
- Monitoring plan design
- Compliant monitoring

