ENVIRONMENTAL MONITORING

CAPABILITY STATEMENT

Ambient air quality monitoring is the assessment of pollutant levels in the outdoor air. This is done by measuring the quantity and types of certain pollutants, trending and analysing the data and assessing against relevant regulatory standards in accordance with our NATA accreditation for these services.

Our approach is to design a customised environmental monitoring program to meet individual client requirements, including program methodology, site selection, sample methodology and collection, reporting, site operation and maintenance, database management, data assessment and training.

AIR QUALITY MONITORING SERVICES

AMBIENT GASEOUS

Continuous monitoring for Sulphur Dioxide (SO_2), Oxides of Nitrogen (NOx) and Carbon Monoxide (CO). Ambient gases as required.

AMBIENT PARTICULATE

Continuous monitoring for $PM_{2.5}$, PM_{10} and Total Suspended Particles (TSP) as well as static dust monitoring (Dust Gauges) and High Volume Air Sampling.

METEOROLOGICAL

Wind speed and direction, ambient temperature, barometric pressure, solar and net radiation, relative humidity and rainfall..

BENEFITS

There are both operational and legislative imperatives to ensuring industrial operations have effective air quality management systems in place. With a system designed to meet your specific site requirements and reporting conditions, operators typically benefit from:

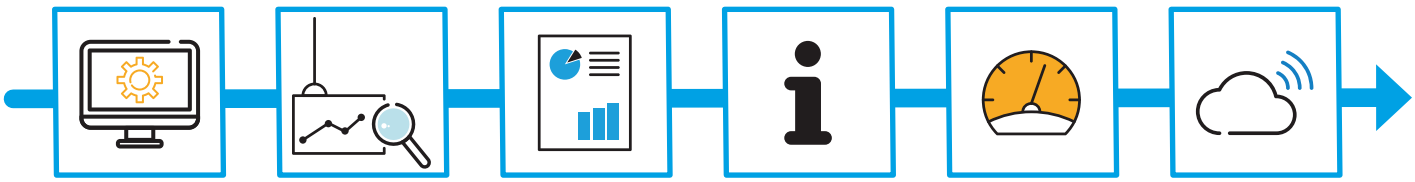
The provision of EPA compliant air quality monitoring and reporting services

Identification of the quantity and type of pollutant (if present)

Access to experienced, technical advisory support to evaluate the effectiveness of emission control strategies

Trending data which is backed by comprehensive data collection, validation and reporting procedures

NATA accreditation for ambient air quality and metrological monitoring (under NATA accreditation number 4669).



System Design and Installation

Continuous Monitoring and Data Analysis

Trending and Reporting

Proactive Advice to Improve Emission Strategies

Onsite Service, Calibration and Scheduled Maintenance

Live Environmental Data Streams