

Simtars Analytical Laboratory Services

The premier supplier of laboratory services to occupational hygienists,
environmental health scientists and industry over the last 30 years



Simtars

Quality Driven Analytical Services

Simtars Laboratory uses a variety of NATA accredited techniques to provide quality driven results through expert analysis. Our validated Laboratory procedures are based on Australian and International methods and we hold NATA technical accreditation to AS/ISO 17025.

Laboratory results are used to evaluate the risk to workers, the environment and your organisation and provide a reliable indicator for control and change. Simtars can provide your business with the right advice and the right service so that you can make the right decisions.

Simtars highly trained and professional Laboratory staff have been delivering quality services for a broad range of industries including:

- Coal mines, metal mines and quarries
- Coal ports and coal processing
- Refineries, metal processing and smelting
- State and local government
- Power Stations
- Defence
- Manufacturing
- Construction

Simtars provides analytical capability for:

- Dusts – respirable, inhalable, high and low volume/partisol TSP, PM₁₀/2.5
- Silica/quartz – quartz content in respirable dust and bulk samples
- Air Toxics – aldehydes, poly aromatic hydrocarbons (PAH's), Isocyanates
- Volatile organic compounds (VOC's) – solvents and vapors
- Metals – selected elements, metalloids, metal vapor, welding fume
- Water and soil – inorganic and physical parameters
- Diesel particulate matter – organic and elemental carbon content
- Dust deposition – total, insoluble, combustible content
- Roadway dust – determination of incombustible content of underground roadway dust
- Particle sizing – laser and metal screen (Simtars Mining Research and Development Centre)



Simtars Analytical Laboratory uses a range of instrumentation including:

- Electronic microbalances and analytical balances
- Infrared spectroscopy (FTIR)
- High performance liquid chromatography (HPLC)
- Gas chromatography (GC)
- Inductively coupled plasma spectrometry (ICP)
- Mass spectrometry (MS)
- Automatic thermal desorption (ATD)
- Thermal optical carbon analyser (TOC)
- Flow injection mercury system (FIMS)

Simtars is a commercial business unit within the Queensland Department of Natural Resources and Mines that is committed to improving health and safety within the mining and resource industries.



Simtars

Visit our website
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