



# OIL AND GAS CAPABILITIES

SGS Health and Safety (EHS) offer a range of specialised high-tech, non-routine and on-site services. Access to leading edge technology and expertise in Australia and overseas guarantees results when and where you require.

## FIELD SERVICES

Having the right professionals carry out field services on your behalf is critical to your success. SGS provides suitably trained and experienced personnel to perform the services noted within our capability areas. In addition to this, we provide the necessary resources and field equipment to complete our work to the highest of standards. Our field technicians understand correct and safe sampling procedures including sample preservation and the necessary transport logistics that will ensure your samples arrive at the laboratory uncompromised and on time.

SGS offers a range of services and has accreditations for the sampling of gas, water, air, occupational hygiene and vapour intrusion.

Services relevant to the oil and gas industry include:

- On site microbial screening of all fluids including produced, frac and flow back water
- Gas sampling for compositional analysis including low level sulphur compounds
- Water sampling from potable points, separators, ponds and environmental monitoring and production wells
- Gas seep investigations
- Air sampling - ambient air, workplace exposure, fugitive emissions
- Oil spill response sampling

NATA accreditation is held for many aspects of our in-field sampling procedures.

**SGS**

# LABORATORY SERVICES

Amongst our extensive network of testing facilities, SGS operates many NATA accredited laboratories within Australia. Our laboratories generally reside in major capital centres with facilities in Sydney, Melbourne, Brisbane and Perth. We also have regional laboratories in Cairns and regional Victoria including Shepparton and Traralgon supporting these local markets.

Within Australia, SGS is one of the major providers of air, soil and water analysis. However we understand that often routine analysis is not enough to complete a project. This is why SGS has developed several specialised areas of expertise.

These areas of analytical expertise include but are not limited to:

- Microbiological Testing of Oil & Gas Field Waters
- Oil, Gas & Condensate Analysis

- Oxygenates & Glycols
- Aliphatic amines
- Alcohols
- EDTA
- Microtox testing of drilling muds and fluids
- Hydrocarbon Fingerprinting – Oil Spill Analysis
- Oiled Biota - fish, mussels, crabs, feathers, etc
- Oil Spill Simulations
- Surfactants
- Metals (including speciation) – Mercury in Gas & Air
- Volatile Organic Compounds (VOCs)
- Explosives & Propellants
- Carboxylic Acids
- Dioxins, Furans and PCB like Dioxins
- Air analysis - including emissions, ambient air, workplace air, permanent gases and trace level sulphur compounds

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## CONTACTS:

### SGS ENVIRONMENT, HEALTH AND SAFETY

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- SGS Laboratory
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