

<p>19 30.974</p> <p>E</p> <p>EXPLANATION</p>	<p>8 10.811</p> <p>V</p> <p>VALUATION</p>	<p>15 10.811</p> <p>A</p> <p>APPLICATION</p>	
<p>18 30.974</p> <p>L</p> <p>LOCATION</p>	<p>13 26.982</p> <p>U</p> <p>UTILISATION</p>	<p>6 10.811</p> <p>A</p> <p>ACTION</p>	<p>25 10.811</p> <p>T</p> <p>TRANSITION</p>
		<p>75 186.207</p> <p>E</p> <p>EVALUATION</p>	<p>4 9.0122</p> <p>D</p> <p>DEDUCTION</p>

INDUSTRIAL & ANALYTICAL SERVICES PROJECTS GROUP
SGS ENVIRONMENTAL SERVICES





WHAT DOES **SGS INDUSTRIAL & ANALYTICAL SERVICES PROJECTS** GROUP DO?

The team consists of a group of highly experienced industrial and analytical specialist chemists from different fields primarily aimed at non-routine chemical analysis and at chemical product or process problem solving.

You give us a chemical problem, we give you a solution.



HOW DOES THE **SGS PROJECTS GROUP SOLVE MY PROBLEM?**

You tell us your problems, we listen, assess the situation, go on site to investigate if necessary (be it indoor or outdoor), proceed to monitoring or simply collect some samples. We then analyse the samples, find the root cause of your problems and provide a solutions. Every problem is unique and therefore our customers can come from various sectors of the industries. To name a few:

- Power
- Chemical
- Refinery/Petrochemical
- Mining
- Engineering
- Environmental consultants
- Government
- Shipping
- Or even household

WHY IS THE **SGS PROJECTS GROUP UNIQUE FROM OTHER ENVIRONMENTAL LABORATORIES?**

In addition to receiving from or obtaining samples (solid, liquid and gas) for our regular clients for routine testing, we pride ourselves on the quality non-routine chemical analysis and chemical investigation work which help to solve the problems for our client and deliver them financial savings. This makes SGS Projects Group unique from the other environmental laboratories.

WHAT TYPES OF WORK DOES SGS PROJECTS GROUP DO?

Our work can be routine and non-routine chemical-physical analyses including:

- Investigation and characterisation of any unknown substances (liquid, solid or gas) that causes problem in any industrial or engineering processes or even in household appliances;
- Sampling of airborne pollutants (indoor, outdoor and stack gas) including dust, asbestos, volatile organic compounds, semi-volatile organic compounds and heavy metals as per USEPA, NIOSH, OSHA or other standard methods;
- Analysis of airborne pollutants from samples in the form of SUMMA canisters, sorbent tubes and impinger solutions as per USEPA methods;
- Hydrocarbon fingerprinting analysis detailing product identification, weathering, time of release and source/manufacture differentiation;
- Transformation/Dissolution test of sparingly soluble inorganic substances that could be considered harmful to the marine environmental as per OECD Transformation/Dissolution Protocol;
- Emergency response to any industrial incidents like chemical spillage by properly and urgently monitoring the ambient air, water and surface concentration of the interested chemicals;
- Routine industrial support by analysing chemical purity of products or pollutant concentration from waste streams.



WHAT EXPERTISE DOES SGS PROJECTS GROUP HAVE?

All the members of our group are highly qualified, many with PhDs and have field or industrial experience for at least 10 years and have worked extensively in applied research dealing with the real world.

Our current instrumentation technologies include:

- HR GCMS (high resolution GCMS)
- UPLC (ultra performance liquid chromatography)
- UV/Vis
- High performance large volume injection GCMS
- P&T for low level VOCs
- GC/FID, GC/TCD, GC/ECD
- GC/FPD and GC/SCD (for low level sulfur compound analysis)
- TDGCMS
- ICP-OES and ICP-MS
- FTIR

Should the testing require some other techniques or technologies, SGS will leverage on other centres of excellence locally or overseas such that our clients will have a comprehensive fit-for-purpose report, thus making SGS Project Group a one-stop-shop for the answer that our clients want.

CONTACTS:

SGS ENVIRONMENTAL SERVICES

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WHEN YOU NEED TO BE SURE

