

Stack emissions sampling

We are accredited for the determination of CO, CO₂, NO_x, TOC, flow and velocity, and for sampling for the analysis of metals, dioxins and furans, PAHs, VOCs, and other pollutants.

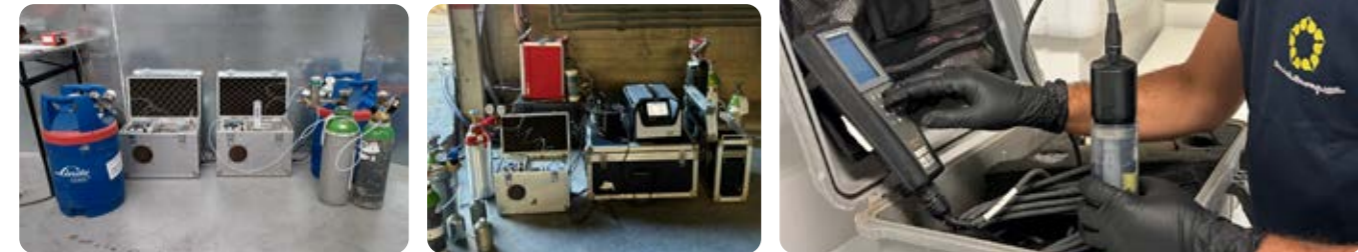


Air quality workplace sampling

We help safeguard your employees' health through comprehensive workplace environmental quality monitoring. Our services include sampling and analysis of inhalable and respirable dust, asbestos fibres, VOCs, and other potentially harmful substances.

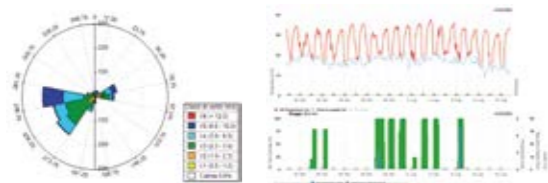
On field quality controls

Quality assurance controls in an **ISO/IEC 17025** accredited laboratory underpin client trust.



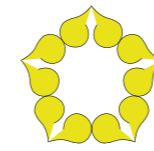
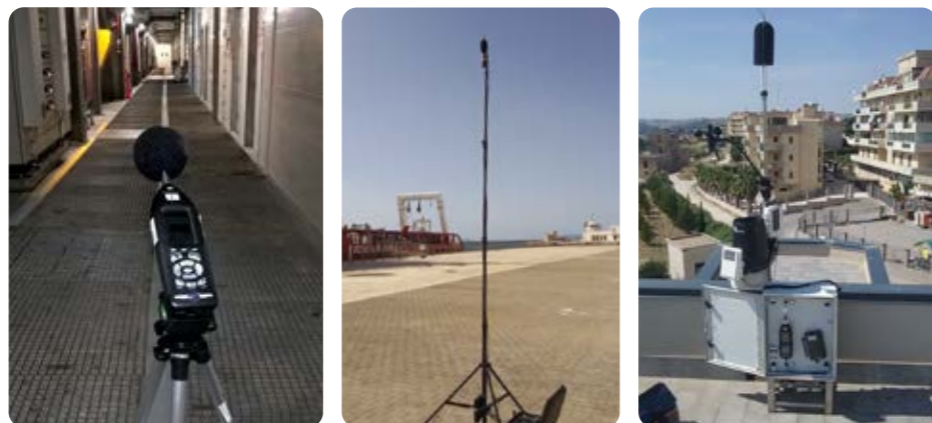
Modeling impact of polluting emissions

Breeze Roads:
Predict the impact of pollutant emissions on air quality caused by moving motor vehicles.



Noise monitoring

We conduct baseline noise and vibration monitoring in accordance with **BS 4142:2014** and **UNI 9614:1990** standards, during both day time and night time. Our experts deliver a comprehensive technical report with precise and reliable data to support your environmental compliance requirements.



Sun Lab
Group Ltd

CORPORATE SERVICES

High quality standards in technical and analytical activities, focusing on chemical, physical, microbiological, and ecotoxicological analyses of solid, liquid, and gaseous environmental matrices.





Dr. Filippo Giglio
Legal representative

Company Profile

SUNLAB GROUP LTD was founded in 2008 from an idea by a single professional, Dott. Giglio Filippo, who has seen a natural application of the knowledge acquired with a chemistry degree and successively an in-depth study at masters level on the chemical processes applied to environmental remediation techniques. Since January 2016 Sunlab is operative with her lab to the LS 2.0.12 - Sir Temi Buildings at Malta Life Sciences Park, in San Gwann (Malta).

The laboratory space is about 130 m2, this will provide Sunlab with more space and for growing into a cutting-edge facility that will be providing world class facilities including laboratories, offices, lecture theaters, meeting rooms and a number of perfectly equipped shared facilities, giving space to local and International Organizations Research, to explore and create.

Sun Lab is a laboratory specializing in sampling and physical, chemical, and biological analysis for environmental protection and monitoring. Through the use of cutting-edge instrumentation, certified methods, and qualified technicians, we guarantee precision, reliability, and professionalism to our clients.



Sunlab's EN ISO/IEC 17025:2017 Accreditation Certificate

In confirmation of the laboratory's high level of professionalism, **Sunlab is an NAB-MALTA accredited testing laboratory, Reg. No. 018.** The laboratory has been accredited since July 2016. NAB-MALTA is the Maltese National Accreditation Body. Full details of the accredited scope can be verified on the official NAB-MALTA website.

The significant number of accredited tests positions Sunlab among the few laboratories at national level capable of operating in full compliance with **EN ISO/IEC 17025:2017**, providing a structured and reliable service focused on customer satisfaction.

The **analytical data** reported in individual test reports are therefore reliable, as they are generated using official analytical methods or validated and accredited internal methods. In this context, Sunlab consistently ensures the **precision, accuracy, and completeness** of the data produced for each analytical activity.



Sampling and chemical, physical and microbiological analysis

Sampling and analysis of chemical, physical and microbiological of environmental matrices (soils, sediment, waste, waters, stack emission, air quality etc.), that are contaminated or potentially so, in order to provide the database necessary to evaluate subsequent activities to be undertaken to protect public health and ecosystems



Environmental Monitoring

Our laboratory conducts environmental monitoring to measure and assess environmental health and industrial hygiene. This involves collecting and analyzing physical, chemical, and biological data to identify impacts, verify regulatory compliance, and support client management decisions.



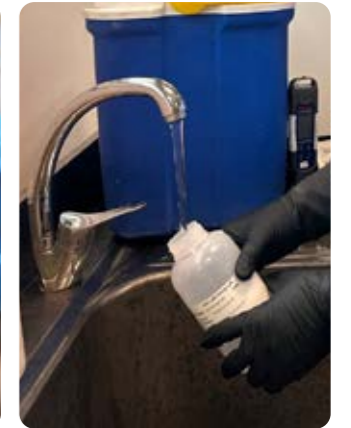
Technical services

Technical support related to environmental monitoring activities requested by our clients in compliance with their EP/IPPC requirements, including a method statement following a specific on-site inspection. Modeling the impact of polluting emissions using **"Breeze Roads"** software to predict the impact of polluting emissions on air quality caused by moving motor vehicles.

Sampling activities

Water sampling and analysis

We are an accredited laboratory for water sampling (drinking water, groundwater, wastewater, seawater) using internationally accepted sampling methods. We also provide chemical and microbiological analyses.



Soil sampling and analysis

We offer soil sampling services according to **UNICHIM Manual 196/2, Edition 2004.**



Waste sampling and analysis

The sampling and analysis of wastes is the first step for the subsequent characterization and classification in order to be able to manage them correctly.

Air quality sampling

Air quality directly affects human well being. Particulate matter concentrations **PM10** and **PM2.5** are key indicators of air quality. We are accredited for sampling according to the standard method **EN 12341:2023.**

