



ISO/IEC 17025  
ACCREDITED  
TESTING  
N° 018

# Sunlab Group Ltd.

## Scope of Accreditation

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### ACCREDITATION INFORMATION - TESTING LABORATORY

<b>Accreditation No.</b>	018
<b>Accreditation Certificate No.</b>	018/5
<b>Accredited according to</b>	EN ISO/IEC 17025:2017
<b>Accreditation Scope No.</b>	S018/5
<b>Date of issue of this Scope</b>	Tuesday, 26 May 2020

### SCOPE OF ACCREDITATION

Issue No: S018/5

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### TESTING LABORATORY

#### Laboratory Locations

Location Details	Activity	Location Code
<b>Address</b> Life Sciences Park, San Gwann Industrial Estate, San Gwann	Head Office	N/A

#### Site activities performed away from the locations listed above

Location Details	Activity	Location Code
Clients	Environmental Testing	B

**NAB-Malta is a signatory for the EA MLA in testing, calibration and inspection**

National Accreditation Board - Malta (NAB - MALTA)  
Mizzi House, 1st Floor, National Road, Blata l-Bajda HMR9010, Malta  
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<b>Material/ Product/ Matrix Tested</b>	<b>Type of test, parameter/ component/ characteristic measured, range of measurement, equipment</b>	<b>Standard Specifications/ In-House Methods /Techniques</b>	<b>Loc. code</b>	

### Environmental Monitoring - Ambient Air Quality

Ambient Air Quality	Sampling for the determination of airborne asbestos fibres	DM 06/09/1994 SO n° 129 GU n° 220 20/09/1994 All.2	B
Ambient Air Quality	Sampling for the determination of particulate matter - PM10	EN 12341:2014 (excluding the following chapters and relative subclauses: 5.2, 6.2, 6.4, 6.5, 7.9, 7.10, 7.11 )	B
Ambient Air Quality	Sampling for the determination of benzo[a]pyrene	EN 15549:2008 (excluding the following chapters and relative subclauses: 10, 11, 12, 13)	B
Ambient Air Quality (PM10 fraction of suspended particulate matter)	Sampling for the determination of Pb, Cd, As and Ni	EN 14902:2005 + EC 1-2008 (excluding the following chapters and relative subclauses: 9,10)	B
Ambient Air Quality (Filters)	Sampling for the determination of total particulate matter, total dusts	Internal Method IM-01-2015 Rev. 2	B
Ambient Air Quality	Sampling for the determination of particulate matter - PM2,5	EN 12341:2014 (excluding the following chapters and relative subclauses: 5.2, 6.2, 6.4, 6.5, 7.9, 7.10, 7.11 )	B

### Environmental Monitoring - Other

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Liquid, granular, paste, coarse, monolithic and Waste	Sampling	UNI 10802:2013	B
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Soils, land	Sampling	UNICHIM Manual n°196/2 2004 (only paragraph n°5 and 6)	B
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Marine sediments	Sampling of marine sediments	ISO 5667-19:2004	B
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### Environmental Monitoring - Stack emissions

Stack emissions (adsorbent solutions)	Sampling for the determination of ammonia	Unichim Method n°632:1984 (excluding the chapter n.7 and relative subclauses)	B
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Stack emissions	Sampling for the determination of mass concentration of dusts	EN 13284-1:2017	B
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Stack emissions	Sampling for the determination of hydrogen sulphide	Unichim Method n°634:1984	B
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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
Stack emissions (vials)	Sampling for the determination of volatile organic compounds: acetone, toluene, hexane, penthane, o-xylene, m-pxylene, trichloroethylene, 1,1,1-trichloroethane, 4-metil-2-penthane, tetrachloroethylene, ethylacetate, 1-butanol, 2-butanone, dichloromethane, styrene, 2- butanol	CEN / TS 13649:2015 (excluding the chapter n.7 and relative subclauses)	B
Stack emissions	Determination of total organic carbon (TOC)	EN 12619:2013	B
Stack emissions	Determination of carbon oxide (CO), carbon dioxide (CO <sub>2</sub> ), nitrogen monoxide (NO), nitrogen oxides (NO <sub>x</sub> ), sulphur dioxide (SO <sub>2</sub> )	ISO 11042-1:1996	B
Stack emissions	Determination of oxygen	EN 14789:2017	B
Stack emissions	Determination of water vapour	EN 14790:2017	B
Stack emissions	Determination of flow and velocity	EN ISO 16911-1:2013 Annex A	B



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Material/ Product/ Matrix Tested	Type of test, parameter/ component/ characteristic measured, range of measurement, equipment	Standard Specifications/ In-House Methods /Techniques	Loc. code
Stack emissions (filters and absorbent solutions)	Sampling for the determination of arsenic, cadmium, chromium, cobalt, copper, manganese, nickel, lead, antimony, thallium and vanadium	EN 14385:2004 (excluding the following chapters and relative subclauses: 8.7, 8.8 and Annexes D and E)	B
Stack emissions	Determination of the mass concentration of carbon monoxide (CO). Reference method: non-dispersive infrared spectrometry	EN 15058:2017	B
Stack emissions	Determination of mass concentration of nitrogen oxides (NOx). Reference method: chemiluminescence	EN 14792:2017	B
Stack emissions	Sampling for the determination of mass concentration of sulphur dioxide (SO <sub>2</sub> )	EN 14791:2017 (excluding the following chapters and relative subclauses: 6.3 and 9)	B
Stack emissions	Sampling for the determination of dioxins and furans	EN 1948-1:2006	B
Stack emissions	Sampling for the determination of polycyclic aromatic hydrocarbons (PAHs)	ISO 11338-1:2003	B
Stack emissions	Sampling for the determination of hydrochloric acid (HCl)	EN 1911:2010 (excluding the following chapters and relative subclauses: 6 and Annexes B, C and D)	B



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Stack emissions	Sampling for the Determination of hydrochloric acid (HCl), Sampling for the Determination of hydrofluoric acid (HF)	DM 25/8/2000 All. 2	B
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### Environmental Monitoring - Water

Water Treatment Works, Desalination Plants, Reservoirs, Ground waters, Domestic and Industrial Premises, Runoff water, waste waters and effluents, water intended for human consumption and salted waters	Determination of dissolved oxygen	EN ISO 5814:2013	B
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Water Treatment Works, Desalination Plants, Reservoirs, Ground waters, Domestic and Industrial Premises, Runoff water, waste waters and effluents, and water intended for human consumption and water intended for human consumption	Determination of free active chlorine, total chlorine	APAT CNR IRSA 4080 Man 29 2003	B
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Water Treatment Works, Desalination Plants, Reservoirs, Ground waters, Domestic and Industrial Premises, Runoff water, waste waters and effluents, and water intended for human consumption	Determination of temperature	APAT CNR IRSA 2100 Man 29 2003	B
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Waste water, sea water, Superficial water, leachate, ground water and water intended for human consumption	Determination of conductivity	APAT CNR IRSA 2030 Man 29 2003	B
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Water, water intended for human consumption, ground water, superficial water, waste water and liquid waste (landfill leachates, process water, wash water and drain water)	Sampling	APAT CNR IRSA 1030 Man 29 2003	B	
Water, water intended for human consumption, ground water, superficial water, waste water and liquid waste (landfill leachates, process water, wash water and drain water)	Sampling	APAT CNR IRSA 6010 Man 29 2003	B	
Water Treatment Works, Desalination Plants, Reservoirs, Ground waters, Domestic and Industrial Premises, Runoff water, waste waters and effluents, and water intended for human consumption	Determination of pH	APAT CNR IRSA 2060 Manual 29/2003	B	
Water Treatment Works, Desalination Plants, Reservoirs, Ground waters, Domestic and Industrial Premises, Runoff water, waste waters and effluents, and water intended for human consumption	Determination of redox potential	APHA Standard Methods for the Examination of Water and Wastewater ed. 23rd 2017, 2580	B	

### END OF SCOPE

This scope of accreditation may be revised from time to time by NAB-MALTA. To obtain an up-to-date scope contact NAB-MALTA on +356 23952510 ([info@nabmalta.org.mt](mailto:info@nabmalta.org.mt)).

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