

Schedule of Accreditation



Organisation Name	TMS Environment Ltd
Trading As	
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Accreditation Standard	ISO 17025 T
Date Initially Awarded	16/02/2004
Scope Classification	Chemical testing
Services available to the public ¹	Yes

¹ Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered	
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)	
Name	Address
1 Head Office	53 Broomhill Drive, Tallaght, Dublin, D24

Scope of Accreditation

Head Office

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (inc waters) - .02 Biochemical oxygen demand	BOD	O2	2-15000mg/l	Sewage Trade	5 day incubation and DO meter	QP-CHEM-2016 based on APHA 5210
			2-300 mg/l	Potable, steam, Bore, Surface Water	5 day incubation and DO Meter	QP-CHEM-2016 based on APHA 5210
766 Environmental testing (inc waters) - .03 Chemical oxygen demand	COD		20-150000O2mg/L	Sewage, Trade	Spectrophotometry	QP-CHEM-2065 based on APHA 5221
			5-1500 O2mg/l	Potable, Steam , Bore, Surface	Spectrophotometry	QP-CHEM-2065 based on APHA 5220
766 Environmental testing (inc waters) - .05 Inorganic	Alkalinity	CaCO3	1.0 to 3000 mg/L	Potable, Steam , Bore, Surface	Potentiometric Titration	QP-CHEM-2012 based on APHA 2320B
	Ammonia	N	0.02-200 mg/l	Potable, steam,Bore, Surface Sewage Trade	Spectrometry	QP-CHEM-2037 based on APHA 4500 NH3F
	Chloride	Cl	1-20000 mgCl/L	Potable, Steam , Bore, Surface, Sewage, Trade	Titration	QP-CHEM-2035 based on APHA 4500-CL B
	Colour	PT	1-50 Pt/l	Potable, Steam , Bore, Surface	Spectrophotometry	QP-CHEM-2064 based on APHA 2120
	Fluoride	FL	0.02-100 mg/l	Potable, Steam , Bore, Surface	Ion Selective Electrode	QP-CHEM-2036 based on APHA 4500- C
	Nitrate	Nitrate	1.00 -1000mg/l NO3	Potable, Steam, Bore, Surface, Sewage Trade	Ion Selective Electrode	QP-CHEM-2043 based on APHA 4500 NO3D
	Orthophosphate	P	0.02-160 mg/l	Potable Steam,Bore, Surface Sewage Trade	Spectrometry	QP-CHEM-2040 based on APHA 4500 PE
	Sulphate	Sulphate		2-1000mg/l	Potable, Steam , Bore, Surface	Turbidimetry
2-2000mg/l				Sewage, Trade	Turbidimetry	QP-CHEM-2050 based on

						APHA 4500E
	Turbidity	NTU	0.02 to 1000 NTU	Potable, Steam , Bore, Surface	Turbidity Meter	QP-CHEM- 2014 based on APHA 2130B
767 Physical test/measurement - .01 pH	pH	pH	2-12 pH units	Potable, Steam , Bore, Surface, Sewage, Trade	pH Meter	QP-CHEM- 2007 based on APHA 4500
767 Physical test/measurement - .02 Conductivity	Conductivity	uS	100-12880 uS/cm	Potable, Steam , Bore, Surface, Sewage, Trade	Conductivity Meter	QP-CHEM- 2008 based on APHA 2510B
767 Physical test/measurement - .03 Suspended Solids	Suspended Solids	suspended solids	3-200mg/l	Potable, Steam , Bore, Surface	Gravimetric	QP-CHEM- 2002 based on APHA 2540
			3-8000mg/l	Sewage, Trade	Gravimetric	QP-CHEM- 2002 based on APHA 2540
782 Workplace environment and hazards - .03 Inspirable dust	Weighing Particulate Matter inhalable dust	dust	0.01-200 mg	Occupational	Gravimetric	QP-CHEM- 2055 Method 14/4
782 Workplace environment and hazards - .04 Respirable dust	Weighing Particulate Matter respirable dust		0.01-200 mg	Occupational	Gravimetric	QP-CHEM- 2055 Method 14/4
797 Miscellaneous materials and products - .03 Other tests	Odourants in Natural Gas	Dimethyl Sulphide	0.08-10 mg/m3	Gaseous fuels	Gas Chromatography	QP-CHEM- 2080 based on ASTM D5504- 12
		t-butyl mercaptan	0.23-10 mg/m3	Gaseous fuels	Gas Chromatography	QP-CHEM- 2080 based on ASTM D6228- 10
	Weighing Particulate Matter filters and rinses	dust	0.1 - 1000 mg	Industrial emissions	Gravimetric	QP-CHEM- 2105 EN 13284-1 2002 & ISO 9096:2017

Chemical Testing

Category: D

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
770 Gases and aerosols - .04 Industrial fumes and emissions	Total Organic Carbon	TOC	0.2-1600mg/m3	Industrial emissions	Flame Ionisation Detector	QP_SITE-2025 based in EN12619
798 Sampling	Conductivity	mS	0.01-100 mS/cm	Potable, Steam , Purged Well, Surface, Lakes	Conductivity Meter	QP-MEAS-2009
	Dissolved Oxygen	O2	0.01 - 20 mg/lO2	Potable, Steam , Purged Well, Surface, Lakes	DO Meter	QP-MEAS-2019
			0.01-200 % O2	Potable, Steam , Purged Well, Surface, Lakes	DO Meter	QP-MEAS-2019
			0.5-13 mg/l	Potable stream purged well surface lakes	DO Meter	QP-MEAS-2019
	Drinking Water Sampling	Water Sampling				Qp-SITE -6003 based on ISO 5667-5
	pH	pH	2-12 pH units	Potable, Steam , Purged Well, Surface, Lakes	pH Meter	QP-MEAS-2010 and 2011
	Purged Well sampling	water				QP-SITE-6002 based on ISO 5667-11
	Temperature	oC	0-40 C	Potable, Steam , Purged Well, Surface, Lakes	pH/Temp Meter	QP-MEAS-2010 and 2011
	Water sampling lakes, rivers, stream	water				QP-SITE-6001 based on ISO 5667-4 & -6