


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-Upon-Thames, TW18 3HR

 1749 Accredited to ISO/IEC 17025:2017	States of Guernsey, States Analytical Laboratory	
	Issue No: 036 Issue date: 28 October 2024	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATERS Groundwater, surface water and drinking waters	<u>Chemical Tests and Physical Tests</u>	Documented in-house procedures based on/incorporating published procedures in the HMSO series 'Methods for the Examination of Waters and Associated Materials', (MEWAM), referenced by the ISBN number and year. Additional or alternative references are identified as appropriate.
	Alkalinity	'ALKTI' (No 1) ISBN 011 751 601 5, 1981
	Ammonia	'AMMKO' (No 3) ISBN 011 751 613 9 (Method D), 1981
	Biochemical Oxygen Demand	'BOD' (No 4) ISBN 011 752 212 0, 1988
	Calcium	'CALKO' (No 5) Kone Water Analysis Application Notes (Calcium), 1993
	Chemical Oxygen Demand	'CODOT' (No 7) ISBN 011 751 915 4 (Method B) 1986



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATERS (cont'd) Groundwater, surface water and drinking waters (cont'd)	<u>Chemical Tests and Physical Tests (cont'd)</u> Chloride Conductivity Fluoride Hardness: Total Nitrate [Oxidised Nitrogen ('TONK' (No 32)) minus Nitrite ('NRITEKO' (No 17))] Nitrite Orthophosphate	Documented in-house procedures based on/incorporating published procedures in the HMSO series 'Methods for the Examination of Waters and Associated Materials', (MEWAM), referenced by the ISBN number and year. Additional or alternative references are identified as appropriate. (cont'd) 'CHLORK' (No 6) ISBN 011 751 626 (Method D) 1981 'COND' (No 9) ISBN 011 751 428 4 (Method A) 1978 'FLUOR' (No 12) ISBN 011 751 662 7 (Method A) 1982 'TOTKO' (No 29) Kone Water Analysis Application Notes (Hardness-Total) 1993 By calculation 'NRITEKO' (No 17) ISBN 011 751 593 0 (Method H) 1981 'PHOSKO' (No 21) ISBN 011 752 377 1 (Method A) 1992



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WATERS (cont'd) Groundwater, surface water and drinking waters (cont'd)	<u>Chemical Tests and Physical Tests</u> (cont'd) Oxidised Nitrogen pH Sulphate Total Organic Carbon (TOC) Turbidity	Documented in-house procedures based on/incorporating published procedures in the HMSO series 'Methods for the Examination of Waters and Associated Materials', (MEWAM), referenced by the ISBN number and year. Additional or alternative references are identified as appropriate. (cont'd) 'TONK' (No 32) ISBN 011 751 593 0 (Method C) 1981 'PH' (No 20) ISBN 011 751 428 4 (Method B) 1978 'SULPHKO' (No 28) ISBN 011 752240 6 (Method E), 1988 'TOC' (No 31) 'TURB' (No 33) ISBN 011 751 955 3 (Method B2) 1981



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WASTEWATERS	<u>Chemical Tests and Physical Tests</u> (cont'd)	
Untreated and treated domestic and industrial sewage waters	Alkalinity	'ALKTI' (No 1) ISBN 011 751 601 5, 1981
	Ammonia	'AMMKO' (No 3) ISBN 011 751 613 9 (Method D) 1981
	Biochemical Oxygen Demand	'BOD' (No 4) ISBN 011 752 2120, 1988
	Chemical Oxygen Demand	'CODOT' (No 7) ISBN 011 751 915 4 (Method B) 1986
	Chloride	'CHLORK' (No 6) ISBN 011 751 626 (Method D) 1981
	Conductivity	'COND' (No 9) ISBN 011 751 428 4 (Method A) 1978
	Nitrite	'NRITEKO' (No 17) ISBN 011 751 593 0 (Method H) 1981
	Orthophosphate	'PHOSKO' (No 21) ISBN 011 752 377 1 (Method A) 1992
	pH	'PH' (No 20) ISBN 011 751 428 4 (Method B) 1978
	Sulphate	'SULPHKO' (No 28) ISBN 011 752240 6 (Method E) 1988



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LEACHATES	<u>Chemical Tests and Physical Tests</u>	
	Alkalinity	'ALKTI' (No 1) ISBN 011 751 601 5, 1981
	Ammonia	'AMMKO' (No 3) ISBN 011 751 613 9 (Method D), 1981
	Biochemical Oxygen Demand	'BOD' (No 4) ISBN 011 752 212 0, 1988
	Chemical Oxygen Demand	'CODOT' (No 7) ISBN 011 751 915 4 (Method B), 1986
	Chloride	'CHLORK' (No 6) ISBN 011 751 626 (Method D) 1981
	Conductivity	'COND' (No 9) ISBN 011 751 428 4 (Method A) 1978
	Nitrite	'NRITEKO' (No 17) ISBN 011 751 593 0 (Method H) 1981
	Orthophosphate	'PHOSKO' (No 21) ISBN 011 752 377 1 (Method A) 1992
	pH	'PH' (No 20) ISBN 011 751 428 4 (Method B) 1978
	Sulphate	'SULPHKO' (No 28) ISBN 011 752240 6 (Method E) 1988
	Total Organic Carbon (TOC)	'TOC' (No 31)



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SALINE WATERS Marine and Estuarine Waters	<u>Chemical Tests and Physical Tests</u> Alkalinity Biochemical Oxygen Demand Chemical Oxygen Demand Chloride Conductivity Nitrite	'ALKTI' (No 1) ISBN 011 751 601 5, 1981 'BOD' (No 4) ISBN 011 752 212 0, 1988 'CODOT' (No 7) ISBN 011 751 915 4 (Method B), 1986 'CHLORK' (No 6) ISBN 011 751 626 (Method D) 1981 'COND' (No 9) ISBN 011 751 428 4 (Method A) 1978 'NRITEKO' (No 17) ISBN 011 751 593 0 (Method H) 1981
	Orthophosphate pH Sulphate Total Organic Carbon (TOC)	'PHOSKO' (No 21) ISBN 011 752 377 1 (Method A) 1992 'PH' (No 20) ISBN 011 751 428 4 (Method B) 1978 'SULPHKO' (No 28) ISBN 011 752240 6 (Method E) 1988 'TOC' (No 31)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD	<u>Microbiological Tests</u>	
Shellfish	Enumeration of: <i>E. coli</i>	'ECFISH' (No 52) using the BCIG medium TBX based on BS EN ISO 16649-3:2015
WATERS		Documented in-house methods based on procedures in "The Microbiology of Drinking Water" (MDW)
Drinking, recreational, surface, sewage water	Total Coliforms <i>E. coli</i> Presumptive Total Coliforms Presumptive <i>E. coli</i>	'COLILERT' (No 59) based on MDW, Part 4, 2016, using colilert 'COLIRAW' (No 37) based on MDW, Part 4, 2016, using membrane filtration
	Total Colony Counts: 1 day, 37°C 2 days, 37°C 3 days, 22°C	'COUNT' (No 35) based on MDW, Part 7A, 2020
	Enterococci	'ENTERO' (No 40) based on MDW, Part 5A, 2012 and in accordance with Directive 2006/7/EC
Recreational, mains and process waters (cooling towers)	Detection and Enumeration of <i>Legionella pneumophila</i> and species. Including Identification of <i>L. pneumophila</i> Serogroups 1 and 2 to 14	'LEGION' (No 66) based on BS EN ISO 11731:2017 for Matrix A and B samples, using membrane Filtration, followed by Heat Treatment plating out onto GVPC and BCYE. Confirmation using latex agglutination



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WATERS (cont'd)	<u>Microbiological Tests</u> (cont'd)	
Recreational water (Marine and Estuarine)	Enumeration of: <i>Escherichia coli</i> Enterococci	'COLISEA' (No 38) based The Microbiology of Recreational and Environmental Waters (2016) Part 3 and in accordance with Directive 2006/7/EC 'ENTERO' (No 40) based on MDW, Part 5A, 2012 and in accordance with Directive 2006/7/EC
Drinking, manmade recreational and Reverse Osmosis waters	<i>Pseudomonas aeruginosa</i>	'PSEUDO' using membrane filtration based on The Microbiology of Drinking Water (MDW), Part 8, 2015
END		