


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2017</p>	States of Guernsey, States Analytical Laboratory	
	Issue No: 038 Issue date: 27 February 2026	
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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> Alkalinity Ammonia Biochemical Oxygen Demand Calcium Chemical Oxygen Demand	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. 'ALKTI' (No 1) ISBN 011 751 601 5, 1981 'AMMKO' (No 3) ISBN 011 751 613 9 (Method D), 1981 'BOD' (No 4) ISBN 011 752 212 0, 1988 'CALKO' (No 5) Kone Water Analysis Application Notes (Calcium), 1993 'CODOT' (No 7) ISBN 011 751 915 4 (Method B) 1986



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<p>WATERS (cont'd)</p> <p>Groundwater, surface water and drinking waters (cont'd)</p>	<p><u>Chemical Tests and Physical Tests (cont'd)</u></p> <p>Chloride</p> <p>Conductivity</p> <p>Fluoride</p> <p>Hardness: Total</p> <p>Nitrate [Oxidised Nitrogen ('TONK' (No 32)) minus Nitrite ('NRITEKO' (No 17))]</p> <p>Nitrite</p> <p>Orthophosphate</p>	<p>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)</p> <p>'CHLORK' (No 6) ISBN 011 751 626 (Method D) 1981</p> <p>'COND' (No 9) ISBN 011 751 428 4 (Method A) 1978</p> <p>'FLUOR' (No 12) ISBN 011 751 662 7 (Method A) 1982</p> <p>'TOTKO' (No 29) Kone Water Analysis Application Notes (Hardness-Total) 1993</p> <p>By calculation</p> <p>'NRITEKO' (No 17) ISBN 011 751 593 0 (Method H) 1981</p> <p>'PHOSKO' (No 21) ISBN 011 752 377 1 (Method A) 1992</p>



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<p>WATERS (cont'd)</p> <p>Groundwater, surface water and drinking waters (cont'd)</p>	<p><u>Chemical Tests and Physical Tests</u> (cont'd)</p> <p>Oxidised Nitrogen</p> <p>pH</p> <p>Sulphate</p> <p>Total Organic Carbon (TOC)</p> <p>Turbidity</p>	<p>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)</p> <p>'TONK' (No 32) ISBN 011 751 593 0 (Method C) 1981</p> <p>'PH' (No 20) ISBN 011 751 428 4 (Method B) 1978</p> <p>'SULPHKO' (No 28) ISBN 011 752240 6 (Method E), 1988</p> <p>'TOC' (No 31)</p> <p>'TURB' (No 33) ISBN 011 751 955 3 (Method B2) 1981</p>



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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	<u>Chemical Tests and Physical Tests</u>	
Marine and Estuarine Waters	Alkalinity	'ALKTI' (No 1) ISBN 011 751 601 5, 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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FOOD Shellfish	<u>Microbiological Tests</u> Enumeration of: <i>E. coli</i>	'ECFISH' (No 52) using the BCIG medium TBX based on BS EN ISO 16649-3:2015
WATERS Drinking, recreational, surface, sewage water	Total Coliforms <i>E. coli</i> Presumptive Total Coliforms Presumptive <i>E. coli</i>	Documented in-house methods based on procedures in "The Microbiology of Drinking Water" (MDW) '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, using membrane filtration, plating out onto GVPC and BCYE. Confirmation using latex agglutination [matrices A & B, procedures 8, 9 & 10, media A & C]



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

END