


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>4079</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Suez Industrial Water Ltd</p> <p>Issue No: 017 Issue date: 26 June 2020</p>	
	<p>Water Sciences Laboratory Chambers Building Earls Road Grangemouth FX3 8XG</p>	<p>Contact: Rhoda Brown / Nicola Hughes Tel: +44 (0)1324 468253/4 E-Mail: rhoda.brown@suez.com/nicola.hughes@suez.com Website: www.suezwater.co.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Process Waters and Trade Effluent	<u>Chemical Tests and Physical Tests</u>	
	pH	Documented In-house method using pH meter based on Methods for Examination of Waters and Wastewaters, 1978, No LB-4-005
	Total Hydrocarbon Oil	Documented In-house method using FT-IR based on Methods for Examination of Waters and Wastewaters, 1983, No LB-4-124
	Chemical Oxygen Demand	Documented In-house colorimetric chromium oxidation method based on ISO 6060:1998, No LB-4-121
	Biological Oxygen Demand	Documented In-house method using a dissolved oxygen meter and probe, No LB-4-119
	Phenol	Documented In-house method using colorimetry based on Methods for Examination of Waters and Wastewaters, 1981, No LB-4-123
	Total Suspended Solids	Documented In-house method using gravimetry, No LB-4-054a
	Electrical Conductivity	Documented In-house method using Conductivity meter, No LB-4-005
	Ammonical Nitrogen	Documented In-house method using Colorimetry, No LB-4-122



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Process Waters and Trade Effluent (cont'd)	<u>Chemical Tests and Physical Tests (cont'd)</u> BTEX Benzene Toluene Ethylbenzene m&p-xylenes o-xylene Total Organic Carbon	Documented In-house method using GC-MS, No LB-4-012A Documented In-house method using a Shimadzu TOC-V CPH instrument based on ISBN 0 11 752979 6, No LB-4-009A Documented In-house method using ICP-OES, No LB-4-132
Process Waters	Metals (total and soluble for each element): As, Ca, Cd, Cr Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Zn Metals (total and soluble for each element): As, Ca, Cd, Co, Cr Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Si, Zn	Documented In-house method using ICP-OES, No LB-4-132
END		