Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



4480

Accredited to ISO/IEC 17025:2017

Normec DETS Limited

Issue No: 036 Issue date: 29 October 2025

Unit 1

Rose Lane Industrial Estate

Rose Lane Lenham

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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 |
|---------------------------|--|--|
| SOILS | <u>Chemical Tests</u> | Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - chemical testing of soil |
| | Total petroleum hydrocarbons: C8-C10 C8-C40 C10-C12 C10-C24 C10-C40 (total) C12-C16 C16-C21 C21-C40 | E004 using solvent extraction followed by GC-FID |
| | Total petroleum hydrocarbons banded fractions for aliphatic and aromatic splits: Aliphatic Fractions: C8-C10 C10-C12 C12-C16 C16-C21 C21-C34 C16-C35 C10-C40 Aromatic Fractions: C8-C10 C10-C12 C12-C16 C10-C12 C12-C16 C16-C21 C21-C35 | E004 using solvent extraction followed by GC-FID to MCERTS soils |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|---|--|
| SOILS (cont'd) | <u>Chemical Tests</u> (cont'd) | Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - chemical testing of soil |
| | Volatile Organic Compounds: (Compounds detailed in Table 1) | E001 using Head Space GC-MS (HS/GCMS) |
| | Semi Volatile Organic Compounds: (Compounds detailed in Table 2) | E006 using solvent extraction followed by GC-MS |
| | Polynuclear aromatic hydrocarbons: Acenaphthene Acenaphthylene Anthracene Benz[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Benzo(a)pyrene Benzo[ghi]perylene Chrysene Fluoranthene Fluorene Naphthalene Phenanthrene Pyrene Indeno[1,2,3-cd]pyrene Total PAH(16)-calculation | E005 using solvent extraction followed by GC-MS |

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|---------------------------|---|--|
| SOILS (cont'd) | Chemical Tests (cont'd) | Documented In-House Method to meet the requirements of the Environment Agency MCERTS Performance Standard - chemical testing of soil |
| | Elemental analysis: Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Nickel Selenium Vanadium Zinc | E002 using Inductively Coupled plasma Spectrophotometry (ICP-OES) |
| | Total Sulphate | E013 using Inductively Coupled plasma Spectrophotometry (ICP-OES) |
| | рН | E007 using pH Meter |
| | Water soluble: Chloride Nitrate Sulphate | E009 using ion chromatography |
| | Total Organic Carbon Soils Organic Matter (by calculation) Fraction Organic Matter (by calculation | E010 based on Walkely-Black methodology |
| | Ammonia | E029 using 1M KCl extraction and Gallery discrete colorimetric analysis |
| | Total Organic Carbon | E027 by combustion |
| | Loss On Ignition | E019 by combustion and gravimetry |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|---|---|
| SOILS (cont'd) | Chemical Tests (cont'd) | Documented In-House Method (Non MCERTS) |
| | Total petroleum hydrocarbons: C8-C10 C8-C40 C10-C12 C10-C24 C10-C40 (total) C12-C16 C16-C21 C21-C40 | E004 using solvent extraction followed by GC-FID |
| | Volatile Organic Compounds: (Compounds detailed in Table 1) | E001 using Head Space GC-MS (HS/GCMS |
| | Semi Volatile Organic Compounds: (Compounds detailed in Table 2) | E006 using solvent extraction followed by GC-MS |
| | Polynuclear aromatic hydrocarbons: Acenaphthene Acenaphthylene Anthracene Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[k]fluoranthene Dibenz[a,h]anthracene Benzo[ghi]perylene Chrysene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Total PAH(16)-calculation | E005 using solvent extraction followed by GC-MS |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|--|---|
| SOILS (cont'd) | Chemical Tests (cont'd) | Documented In-House Method Non MCERTS) |
| | Total Dutch 10 for Polynuclear aromatic hydrocarbons - calculation | E005 using solvent extraction Followed by GC-MS |
| | Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[k]fluoranthene Benzo[ghi]perylene Chrysene Fluoranthene Indeno[1,2,2-cd]pyrene Naphthalene Phenanthrene | |
| | Elemental analysis: Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead Mercury Molybdenum Nickel Selenium Vanadium Zinc | E002 using Inductively Coupled plasma Spectrophotometry (ICP-OES) |
| | рН | E007 using pH Meter |
| Trommel Fines | Loss On Ignition at 440°C | E034 by combustion and gravimetry in accordance with HMRC LFT1 |
| | | |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---|---|---|
| WATERS | <u>Chemical Tests</u> (cont'd) | Documented In-House Method |
| Potable waters (non-regulatory), surface waters, ground waters, prepared leachates, deionised waters, purified waters (reverse osmosis), recreational / pool waters, seawater, effluent, landfill leachates | pН | E107 using pH meter |
| Potable waters (non-regulatory), surface waters, ground waters and prepared leachates | Volatile Organic Compounds (Compounds detailed in Table 1) | E101 using Head Space GC-MS |
| propared reachiates | Dissolved: Fluoride Chloride Nitrate Sulphate Bromide Nitrite | E109 using ion chromatography |
| Potable waters (non-regulatory), surface waters, ground waters and prepared leachates, process waters, purified water (reverse osmosis), recreational waters, sea waters | Ammonia | E126 using Gallery discrete colorimetric analysis |
| Potable waters (non-regulatory), surface waters, ground waters deionised water & prepared leachates | Free Cyanide Total Cyanide Phenol | E115 using Segmented Injection Flow Analyser (San ++) |
| Potable (non-regulatory), surface waters, ground waters, saline waters, effluents, purified waters, recreational waters, & prepared leachates | Chemical Oxygen Demand (COD) | E112 using sealed tube methodology and spectrophotometric determination (colorimetry) |
| Potable (non-regulatory), surface waters, ground waters, sea waters, effluents, purified waters, recreational waters & prepared leachates | Total Organic Carbon (TOC) Dissolved Organic Carbon (DOC) | E110 using high temperature catalytic combustion (Formacs Skalar Analyser) |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|--|--|---|
| WATERS (cont'd) | Chemical Tests (cont'd) | Documented In-House Method |
| Potable (non-regulatory), purified (DI & RO), surface, ground, recreational & saline waters, prepared & landfill leachates, and process waters | Total Alkalinity (to pH 4.5) | E103 using titration |
| Potable (non-regulatory), purified (DI & RO), surface, ground, recreational & saline waters, prepared & landfill leachates, and process waters | Electrical Conductivity (EC) | E123 using EC probe |
| Potable (non-regulatory), surface waters, ground waters, purified waters (deionised & reverse osmosis), recreational waters, and process waters | Total & Dissolved Elements: Aluminium Antimony Arsenic Boron Barium Beryllium Calcium Cadmium Cobalt Chromium Copper Iron Lead Lithium Mercury Manganese Magnesium Molybdenum Nickel Potassium Selenium Sodium Strontium Thallium Tin Titanium Vanadium Zinc Total Hardness (by calculation) | E102 using ICP-MS |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|--|---|
| WATERS (cont'd) | Chemical Tests (cont'd) | Documented In-House Method |
| Prepared Leachates | Dissolved Elements: Aluminium Antimony Arsenic Boron Barium Beryllium Calcium Cadmium Cobalt Chromium Copper Iron Lead Lithium Mercury Manganese Magnesium Molybdenum Nickel Potassium Selenium Sodium Strontium Thallium Tin Titanium Vanadium Zinc Total Hardness (by calculation) | E102 using ICP-MS |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|--|--|---|
| WATERS (cont'd) | <u>Chemical Tests</u> (cont'd) | Documented In-House Method |
| Potable (non-regulatory), surface waters, ground waters, purified waters (deionised & reverse osmosis), recreational waters, and effluents | Total & Dissolved Elements: Aluminium Antimony Arsenic Boron Barium Beryllium Calcium Cadmium Cobalt Chromium Copper Iron Lead Lithium Mercury Manganese Magnesium Molybdenum Nickel Phosphorus Potassium Selenium Silver Sodium Strontium Thallium Tin Titanium Vanadium Zinc Total Hardness (by calculation) | E102 using ICP-OES |
| Purified water , potable (non regulatory), surface waters, ground waters, prepared leachates and final effluent | Biochemical Oxygen Demand | E133 by VELP pressure sensor heads |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|--|---|
| WATERS (cont'd) | Chemical Tests (cont'd) | Documented In-House Method |
| Prepared leachates | Dissolved Elements: Aluminium Antimony Arsenic Boron Barium Beryllium Calcium Cadmium Cobalt Chromium Copper Iron Lead Lithium Mercury Manganese Magnesium Molybdenum Nickel Phosphorus Potassium Selenium Silver Sodium Strontium Thallium Tin Titanium Vanadium Zinc Total Hardness (by calculation) | E102 using ICP-OES |
| | END | |

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TABLE1: VOCs

| Soils | | Potable waters (non-regulatory), surface waters, ground waters and prepared leachates |
|---|---|---|
| E001, VOC (MCERTS) | E001, VOC (ISO 17025) | E101 VOCs (ISO 17025) |
| 1,1,1,2-Tetrachloroethane | 1,1,1,2-Tetrachloroethane | 1,1,1,2-Tetrachloroethane |
| 1,1,1-Trichloroethane | 1,1,1-Trichloroethane | 1,1,1-Trichloroethane |
| 1,1,2,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane | 1,1,2,2-Tetrachloroethane |
| 1,1,2-Trichloroethane | 1,1,2-Trichloroethane | 1,1,2-Trichloroethane |
| 1,1-Dichloroethane | 1,1-Dichloroethane | 1,1-Dichloroethane |
| 1,1-Dichloroethene | 1,1-Dichloroethene | 1,1-Dichloroethene |
| 1,1-Dichloropropene | 1,1-Dichloropropene | 1,1-Dichloropropene |
| 1,2,3-Trichloropropane | 1,2,3-Trichloropropane | 1,2,3-Trichloropropane |
| 1,2,4-Trimethylbenzene | 1,2,4-Trimethylbenzene | 1,2,4-Trimethylbenzene |
| 1,2-Dibromo-3-chloropropane | 1,2-Dibromo-3-chloropropane | 1,2-Dibromo-3-chloropropane |
| 1,2-Dibromoethane | 1,2-Dibromoethane | 1,2-Dibromoethane |
| 1,2-Dichlorobenzene | 1,2-Dichlorobenzene | 1,2-Dichlorobenzene |
| 1,2-Dichloroethane | 1,2-Dichloroethane | 1,2-Dichloroethane |
| 1,2-Dichloropropane | 1,2-Dichloropropane | 1,2-Dichloropropane |
| 1,3,5-Trimethylbenzene | 1,3,5-Trimethylbenzene | 1,3,5-Trimethylbenzene |
| 1,3-Dichlorobenzene | 1,3-Dichlorobenzene | 1,3-Dichlorobenzene |
| 1,3-Dichloropropane | 1,3-Dichloropropane | 1,3-Dichloropropane |
| 1,4-Dichlorobenzene | 1,4-Dichlorobenzene | 1,4-Dichlorobenzene |
| 2,2-Dichloropropane | 2,2-Dichloropropane | 2,2-Dichloropropane |
| 2-Chlorotoluene | 2-Chlorotoluene | 2-Chlorotoluene |
| 4-Chlorotolune | 4-Chlorotolune | 4-Chlorotoluene |
| Benzene | Benzene | Benzene |
| Bromobenzene | Bromobenzene | Bromobenzene |
| Bromochloromethane | Bromochloromethane | Bromochloromethane |
| Bromodichloromethane | Bromodichloromethane | Bromodichloromethane |
| Bromoform | Bromoform | Bromoform |
| Bromomethane | Bromomethane | Bromomethane |
| Carbon Tetrachloride | Carbon Tetrachloride | Carbon Tetrachloride |
| Chlorobenzene | Chlorobenzene | Chlorobenzene |
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| Chlorobenzene Chloroethane Chloroform Chloromethane cis-1,2-Dichloroethene cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethyl Benzene Hexachlorobutadiene Isopropylbenzene p-Isopropyltoluene n-Butylbenzene | Chlorobenzene Chloroethane Chloroform Chloromethane cis-1,2-Dichloroethene cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethyl Benzene Hexachlorobutadiene Isopropylbenzene p-Isopropyltoluene n-Butylbenzene | Chlorobenzene Chloroethane Chloroform Chloromethane cis-1,2-Dichloroethene cis-1,3-Dichloropropene Dibromochloromethane Dibromomethane Dichlorodifluoromethane Ethyl Benzene Hexachlorobutadiene Isopropylbenzene p-Isopropyltoluene n-Butylbenzene |

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| S | oils | Potable waters (non-regulatory), surface waters, ground waters and prepared leachates |
|---------------------------|---------------------------|---|
| n-Propylbenzene | n-Propylbenzene | n-Propylbenzene |
| sec-Butylbenzene | sec-Butylbenzene | sec-Butylbenzene |
| Methyl Tert-Butyl Ether | Methyl Tert-Butyl Ether | Methyl Tert-Butyl Ether |
| Tert-Amyl Methyl Ether | Tert-Amyl Methyl Ether | Tert-Amyl Methyl Ether |
| tert-Butylbenzene | tert-Butylbenzene | tert-Butylbenzene |
| Styrene | Styrene | Styrene |
| Tetrachloroethene | Tetrachloroethene | Tetrachloroethene |
| Toluene | Toluene | Toluene |
| trans-1,2-Dichloroethene | trans-1,2-Dichloroethene | trans-1,2-Dichloroethene |
| trans-1,3-Dichloropropene | trans-1,3-Dichloropropene | trans-1,3-Dichloropropene |
| Trichloroethene | Trichloroethene | Trichloroethene |
| Trichlorofluoromethane | Trichlorofluoromethane | Trichlorofluoromethane |
| o-Xylene | o-Xylene | o-Xylene |
| m,p-Xylene | m,p-Xylene | m,p-Xylene |
| Vinyl Chloride | Vinyl Chloride | Vinyl Chloride |
| End of this column | End of this column | End of this column |

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TABLE 2: SVOCs

| Soils | |
|-----------------------------|-----------------------------|
| E006, SVOCs (MCERTS) | E006, SVOCs (ISO 17025) |
| 2,4,5-Trichlorophenol | 1,2,4-Trichlorobenzene |
| 2,4,6-Trichlorophenol | 1,2-Dichlorobenzene |
| 2,4-Dichlorophenol | 1,3-Dichlorobenzene |
| 2,4-Dinitrotoluene | 1,4-Dichlorobenzene |
| 2,6-Dinitrotoluene | 2,4,5-Trichlorophenol |
| 2-Chloronaphthalene | 2,4,6-Trichlorophenol |
| 2-Methylnaphthalene | 2,4-Dichlorophenol |
| 4-Bromophenyl phenyl ether | 2,4-Dimethylphenol |
| 4-Chlorophenyl phenyl ether | 2,4-Dinitrotoluene |
| Benzyl butyl phthalate | 2,6-Dinitrotoluene |
| bis(2-chloroethoxy)methane | 2-Chloronaphthalene |
| bis(2-chloroethyl)ether | 2-Chlorophenol |
| bis(2-ethylhexyl)phthalate | 2-Methylnaphthalene |
| Dibenzofuran | 4-Bromophenyl phenyl ether |
| Diethyl phthalate | 4-Chlorophenyl phenyl ether |
| Di-n-octyl phthalate | Benzyl butyl phthalate |
| Hexachlorobenzene | bis(2-chloroethoxy)methane |
| Hexachloroethane | bis(2-chloroethyl)ether |
| Nitrobenzene | bis(2-ethylhexyl)phthalate |
| p-Cresol | Carbazole |
| End of this column | Dibenzofuran |
| | Dibutyl phthalate |
| | Diethyl phthalate |
| | Di-n-octyl phthalate |
| | Hexachlorobenzene |
| | Hexachlorobutadiene |
| | Hexachloroethane |
| | Nitrobenzene |
| | p-Cresol |
| | End of this column |

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