


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p>7730</p> <p>Accredited to <b>ISO/IEC 17025:2017</b></p>	<p><b>Gardline Limited</b></p> <p>Issue No: 010    Issue date: 23 July 2021</p>	
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<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
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377:Part 2:1990
	Saturation moisture content of chalk	BS 1377:Part 2:1990
	Liquid limit - cone penetrometer	BS 1377:Part 2:1990
	Liquid limit - cone penetrometer - one point	BS 1377:Part 2:1990
	Plastic limit	BS 1377:Part 2:1990
	Plasticity index and liquidity index	BS 1377:Part 2:1990
	Density – linear measurement	BS 1377:Part 2:1990
	Particle density - gas jar	BS 1377:Part 2:1990
	Particle density - small pyknometer	BS 1377:Part 2:1990
	Particle size distribution - wet sieving	BS 1377:Part 2:1990
	Particle size distribution - dry sieving	BS 1377:Part 2:1990
Particle size distribution - sedimentation - hydrometer method	BS 1377:Part 2:1990	
One-dimensional consolidation properties	BS 1377:Part 5:1990	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS for civil engineering purposes (cont'd)	Shear strength – by laboratory vane  Undrained shear strength - triaxial compression without measurement of pore pressure  Shear strength – direct shear (small shearbox)  pH  Loss on ignition  Rapid determination of carbonate content	BS 1377:Part 7:1990  BS 1377:Part 7:1990  BS 1377:Part 7:1990  BS 1377:Part 3: 2018  BS 1377:Part-3:2018  ASTM D4373-14
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content  Bulk density - linear measurement method  Determination of particle density – fluid pycnometer method  Determination of particle size Distribution - sieving method  Determination of particle size Distribution - hydrometer method  Incremental loading oedometer test  Determination of liquid limit by the fall cone method  Determination of plastic limit  Plasticity Index and Liquidity Index  Unconsolidated Undrained Triaxial Test  Direct Shear – Small Shearbox	BS EN ISO 17892-1:2014  BS EN ISO 17892-2:2014  BS EN ISO 17892-3:2015  BS EN ISO 17892-4:2016  BS EN ISO 17892-4:2016  BS EN ISO 17892-5: 2017  BS EN ISO 17892-12 2018  BS EN ISO 17892-12 2018  BS EN ISO 17892-12 2018  BS EN ISO 17892-8:2018  BS EN ISO 17892-10:2018
END		