


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 1175</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Kirton Concrete Services Ltd</h3> <p>Issue No: 032 Issue date: 18 February 2020</p>	
	<p>Manor House Station Road Hibaldstow Brigg North Lincolnshire DN20 9EB</p>	<p>Contact: Mr J Burton Tel: +44 (0)1652-656931 Fax: +44 (0)1652-651082 E-Mail: kirtonlab@aol.com</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
CEMENT	<u>Chemical Tests</u>	
	Loss on ignition	BS EN 196-2:2013
	Gravimetric determination of sulfate	BS EN 196-2:2013
	Residue insoluble in hydrochloric acid and sodium carbonate	BS EN 196-2:2013
	Chloride content	BS EN 196-2:2013
	Alkali content	BS EN 196-2:2013
	Water-soluble chromium (VI) content	BS EN 196-10:2006
	<u>Mechanical Tests</u>	
	Compressive strength	BS EN 196-1:2016 ISO 679:2009 - tested at 20 °C and 27 °C
	<u>Physical Tests</u>	
	Standard consistence	BS EN 196-3:2016
	Setting time	BS EN 196-3:2016
	Soundness	BS EN 196-3:2016
Fineness - sieving method	BS EN 196-6:2010	
Fineness - air permeability (Blaine) method	BS EN 196-6:2018	



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CEMENT (cont'd)	<u>Physical Tests (cont'd)</u>	
	Density	BS EN 196-6:2010 National Annex NC
FLY ASH FOR CONCRETE (PFA)	<u>Sampling</u>	
	Preparation of test specimens (standard method)	BS EN 196-7:2007
	<u>Chemical Tests</u>	
	Sulfuric anhydride content	EN 450-1:2012 EN 196-2
	Loss on ignition	EN 450-1:2012 EN 196-2
	Chloride content	EN 450-1:2012 EN 196-2
	<u>Mechanical Tests</u>	
	Activity Index	EN 450-1:2012 EN 196-1
	<u>Physical Tests</u>	
	Water requirement	EN 450-1:2012
GROUND GRANULATED BLASTFURNACE SLAG for use with Portland cement	Initial setting time	EN 450-1:2012 EN 196-3
	Soundness	EN 450-1:2012 EN 196
	Fineness	EN 451-2:2005
	Particle density	BS EN 1097-7:2008
	<u>Chemical Tests</u>	
	Residue insoluble in hydrochloric acid and sodium carbonate	EN 15167-1:2006 BS EN 196-2
Sulfuric anhydride content	EN 15167-1:2006 BS EN 196-28	



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GROUND GRANULATED BLASTFURNACE SLAG for use with Portland cement (cont)	<u>Chemical Tests (cont)</u>	
	Loss on ignition	EN 15167-1:2006 BS EN 196-2
	Chloride content	EN 15167-1:2006 BS EN 196-2
	<u>Mechanical Tests</u>	
	Activity Index	EN 15167-1:2006 BS EN 196-1
	<u>Physical Tests</u>	
	Moisture content	EN 15167-1:2006
	Soundness	EN 15167-1:2006 BS EN 196-3
	Initial setting time	EN 15167-1:2006 BS EN 196-3
	Fineness	EN 15167-1:2006 BS EN 196-6
ADMIXTURES for concrete cement and grout	<u>Physical Tests</u>	
	Determination of conventional dry material content	EN 480-8:2012
CONCRETE - fresh	<u>Physical Tests</u>	
	Preparation of concrete mixes for compressive strength	BS 1881:Part 131:1995 Annex C
	Slump	BS EN 12350-2:2019
	Making and curing specimens for strength tests	BS EN 12390-2:2019



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CONCRETE - hardened	<u>Mechanical Tests</u> Compressive strength of cubes - including curing <u>Physical Tests</u> Density	 BS EN 12390-3:2019 BS EN 12390-1:2012 BS EN 12390-2:2019 BS EN 12390-7:2009
END		