


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>0751</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Lafarge Cement UK</h3> <p>Issue No: 029    Issue date: 29 February 2012</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
CEMENT	<u>Chemical Tests</u>	
	Alkali content - (reference method)	BS EN 196-2:2005
	Alkali content (Microwave Digestion method)	Documented In-House Method UD004 Section M.06.8
	Loss on ignition	BS EN 196-2:2005
	Residue insoluble in hydrochloric acid and sodium carbonate	BS EN 196-2:2005
	Chloride content	Documented In-House Method UD004 Section M.02.3
	Total Organic Carbon	Documented In-House Method UD004 Section M.10.4
	Total Sulfur	Documented In-House Method UD004 Section M.01.9
	Free Lime Analysis	Documented In-House Method UD004 Section M.08.3
	<u>Mechanical Tests</u>	
	Flexural strength (loads from 1 to 10 kN)	BS EN 196-1:2005
	Compressive strength (loads from 4 to 200 kN)	BS EN 196-1:2005
	<u>Physical Tests</u>	
	Standard consistence	BS EN 196-3:2005



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
CEMENT (cont'd)	<u>Physical Tests</u> (cont'd)		
	Initial setting time	BS EN 196-3:2005	
	Soundness	BS EN 196-3:2005	
	Fineness - air permeability (Blaine) method	BS EN 196-6:2010	
	Fineness - sieving method	Documented In-House Method UD005 Section 31 (45 micron sieve) Section 32 (90 micron sieve)	
	Preparation of mortar	BS EN 196-1:2005	
	Preparation of test specimens (Standard method)	BS EN 196-1:2005	
	Conditioning of test specimens	BS EN 196-1:2005	
	Preparation of test specimens (Using vibrating table B)	BS EN 196-1:2005 Annex A	
	INORGANIC MATERIALS	<u>Chemical Tests</u>	
Aluminium (0-100%) Calcium (0-100%) Iron (III) (0-100%) Magnesium (0-100%) Manganese (0-4.23%) Phosphorus (0-36.36%) Potassium (0-10%) Silica (0-100%) Strontium (0-100%) Titanium (0-100%) (Expressed as oxide content)		Documented In-House Method UD004 Section M.09.1 Using X-ray fluorescence spectroscopy	
Loss on ignition in nitrogen		Documented In-House Method UD004 Section M.03.5	
Water soluble chromium (VI) content		BS EN 196-10:2006	
END			