

Cement Testing Facility

Cement testing – Physical Parameters	Standard
Setting Time (Initial & Final)	
Ultra sound pulse velocity meter	ASTM C 597-97
Motar Cube Preparation & Testing	SLS ISO 679 : 2008
Compressive /Flexural Strength Cement	SLS ISO 679 : 2008
Bar Spacing/Cover Detection using Cover Meter	

Cement testing – Chemical Parameters	Standard
Calcium oxide content (CaO)	BS 1881: Part 124: 1988
Magnesium oxide content (MgO)	BS 1881: Part 124: 1988
Silicon dioxide content (SiO ₂)	BS 1881: Part 124: 1988
Sulphate Content (as a SO ₃)	BS 1881: Part 124: 1988
pH (concrete: water ratio is 1:1)	BS 1881: Part 124: 1988