

Chemical Report

Hanson Cement
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Composition of Ketton CGPC, EN 197-1:2011, CEM I 42,5N

Dispatched from Ketton

Chemical analysis for week ending 18-Sep-22

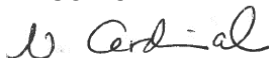
Week No. 2022-37

Compound	%
SiO ₂	20.73
Al ₂ O ₃	5.08
Fe ₂ O ₃	2.87
CaO	63.81
MgO	1.27
SO ₃	3.11
K ₂ O	0.58
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	n/a
Not Detected	2.24
Total	97.76

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	93.41

Clinker compounds by Rietveld analysis	
C ₃ S	63.7
C ₂ S	14.2
C ₃ A	10.6
C ₄ AF	6.8

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

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