

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 15-Jan-23

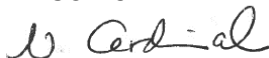
Week No. 2023-2

Compound	%
SiO ₂	20.95
Al ₂ O ₃	5.35
Fe ₂ O ₃	3.15
CaO	63.79
MgO	1.25
SO ₃	3.12
K ₂ O	0.61
Na ₂ O	0.31
Cl	0.04
Loss on Ignition	n/a
Not Detected	1.45
Total	98.55

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	91.79

Clinker compounds by Rietveld analysis	
C ₃ S	64.6
C ₂ S	13.5
C ₃ A	9.4
C ₄ AF	7.8

For and on behalf of
HANSON CEMENT



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

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