

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 05-Feb-23

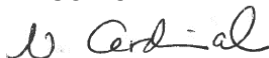
Week No. 2023-5

Compound	%
SiO ₂	21.17
Al ₂ O ₃	5.17
Fe ₂ O ₃	2.90
CaO	64.66
MgO	1.27
SO ₃	3.02
K ₂ O	0.62
Na ₂ O	0.28
Cl	0.05
Loss on Ignition	1.18
Not Detected	-0.30
Total	100.30

	%
Insol Residue	0.61
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	92.87

Clinker compounds by Rietveld analysis	
C ₃ S	63.6
C ₂ S	14.7
C ₃ A	9.5
C ₄ AF	6.5

For and on behalf of
HANSON CEMENT



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

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