

Chemical Report

Hanson Cement
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 05-Feb-23

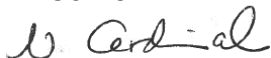
Week No. 2023-5

Compound	%
SiO ₂	19.97
Al ₂ O ₃	4.79
Fe ₂ O ₃	2.86
CaO	64.90
MgO	1.20
SO ₃	3.27
K ₂ O	0.61
Na ₂ O	0.26
Cl	0.06
Loss on Ignition	2.33
Not Detected	-0.25
Total	100.25

	%
Insol Residue	0.71
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	98.57

Clinker compounds by Rietveld analysis	
C ₃ S	62.4
C ₂ S	12.3
C ₃ A	9.0
C ₄ AF	6.6

For and on behalf of
HANSON CEMENT



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

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