

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 20-Nov-22

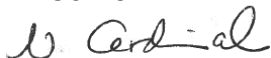
Week No. 2022-46

Compound	%
SiO ₂	19.81
Al ₂ O ₃	4.83
Fe ₂ O ₃	2.95
CaO	64.60
MgO	1.14
SO ₃	3.26
K ₂ O	0.62
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	3.56
Not Detected	-1.07
Total	101.07

	%
Insol Residue	1.17
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.63

Clinker compounds by Rietveld analysis	
C ₃ S	61.0
C ₂ S	12.8
C ₃ A	8.9
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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