

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 28-Aug-22

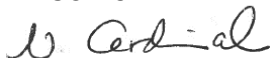
Week No. 2022-34

Compound	%
SiO ₂	19.54
Al ₂ O ₃	4.78
Fe ₂ O ₃	2.86
CaO	64.15
MgO	1.19
SO ₃	3.14
K ₂ O	0.57
Na ₂ O	0.28
Cl	0.05
Loss on Ignition	2.20
Not Detected	1.25
Total	98.75

	%
Insol Residue	0.89
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	99.43

Clinker compounds by Rietveld analysis	
C ₃ S	61.7
C ₂ S	12.7
C ₃ A	9.1
C ₄ AF	6.3

For and on behalf of
HANSON CEMENT



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

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