

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 11-Dec-22

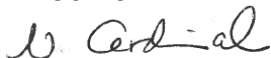
Week No. 2022-49

Compound	%
SiO ₂	20.75
Al ₂ O ₃	5.06
Fe ₂ O ₃	3.01
CaO	64.12
MgO	1.23
SO ₃	3.32
K ₂ O	0.65
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	0.63
Not Detected	0.94
Total	99.06

	%
Insol Residue	1.35
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	93.47

Clinker compounds by Rietveld analysis	
C ₃ S	66.3
C ₂ S	12.2
C ₃ A	9.2
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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