

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 28-Aug-22

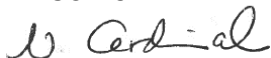
Week No. 2022-34

Compound	%
SiO ₂	20.70
Al ₂ O ₃	5.09
Fe ₂ O ₃	2.89
CaO	63.89
MgO	1.27
SO ₃	3.42
K ₂ O	0.61
Na ₂ O	0.30
Cl	0.05
Loss on Ignition	0.79
Not Detected	1.01
Total	98.99

	%
Insol Residue	0.92
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	93.25

Clinker compounds by Rietveld analysis	
C ₃ S	63.1
C ₂ S	14.6
C ₃ A	9.7
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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