

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 20-Nov-22

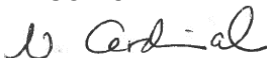
Week No. 2022-46

Compound	%
SiO ₂	21.13
Al ₂ O ₃	5.14
Fe ₂ O ₃	3.00
CaO	64.33
MgO	1.22
SO ₃	3.19
K ₂ O	0.63
Na ₂ O	0.27
Cl	0.04
Loss on Ignition	0.92
Not Detected	0.14
Total	99.86

	%
Insol Residue	0.57
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	92.29

Clinker compounds by Rietveld analysis	
C ₃ S	65.1
C ₂ S	13.3
C ₃ A	9.2
C ₄ AF	6.7

For and on behalf of
HANSON CEMENT



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

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