

Specifications of Clinker				
Composition %	Test Method	Value	Standard Limit	
SiO ₂	ISIRI-1692	>20.7	-	
Al ₂ O ₃	ISIRI-1692	>5.3	-	
Fe ₂ O ₃	ISIRI-1692	<3.8	-	
CaO	ISIRI-1692	≥65	-	
MgO	ISIRI-1692	<2.1	Max 5.0	
SO ₃	ISIRI-1692	≤1.2	-	
K ₂ O	ISIRI-1695	<1.0	-	
Na ₂ O	ISIRI-1695	<0.2	-	
CL	ISIRI-6443	0.006	-	
L.O.I	ISIRI-1692	≤1.0	Max 1.0	
LSF	ISIRI-1692	≥94.5	-	
SIM	ISIRI-1692	>2.2	-	
ALM	ISIRI-1692	>1.4	-	
C ₃ S	ISIRI-389	≥60	-	
C ₂ S	ISIRI-389	<20	-	
C ₃ A	ISIRI-389	≥8	-	
C ₄ AF	ISIRI-389	<11.5	-	
Free CaO	ISIRI-1692	≤1.5	Max 2.0	
Total Alkali	ISIRI-1692	≤0.95	-	
Clinker Sieve Analysis				
Size.mm(inches)	ASTM E11	Unit(Percent)	Actual	Cumulative
Retain on/25mm		%	10.00	10.0
Retain on/10mm		%	42.00	52.0
Retain on/5mm		%	18.00	70.0
Retain on/2.5mm		%	16.00	86.0
Retain on/1mm		%	7.00	93.0
Passing/1mm		%	7.00	100.0