



## Clinker Specifications

### Type I

Specification	Typical Result (%)	Standard deviation
SiO <sub>2</sub>	22.00	0.30
Al <sub>2</sub> O <sub>3</sub>	5.50	0.30
Fe <sub>2</sub> O <sub>3</sub>	3.50	0.20
CaO	66.00	0.50
MgO	2.20	0.10
SO <sub>3</sub>	0.10---1.00	----
K <sub>2</sub> O	0.65	0.10
Na <sub>2</sub> O	0.30	0.10
Cl	0.00---0.02	----
L.O.I (Loss on Ignation)	0.50	0.20
I.R	0.25	0.10
L.S.F (Lime saturation factor)	93.80	1.50
C <sub>3</sub> S (Alite)	60.00	2.00
C <sub>2</sub> S (Blite)	17.00	2.00
C <sub>3</sub> A (Blite)	8.00	1.00
C <sub>4</sub> AF (Ferite)	11.00	1.00
Free CaO	1.30	0.40