

V2 CEMENT

WORKS TEST CERTIFICATE

Portland Pozzolana Cement

Despatches made during week No.	10	from	11-03-2021	to	17-06-2021
Test certificate No.	19/2021	Reference No.	LAB/TC/99		

	Parameters	Results Obtained	Requirement as per IS1489(part 1):1991
1	Chemical Composition		
	Loss On Ignition (% by mass)	1.32	Not More than 5.0 %
	Magnesia MgO (% by mass)	4.64	Not More than 6.0 %
	% Sulphuric Anhydride (SO3)	1.28	Not More than 3.0 %
	Insoluble Residue (% by mass)	33.10	Not More than $X + 4.0 (100 - x)/100$
			Where X is the declared Pozzolana content in cement.
	Physical Analysis		
2	Fineness		
	Specific Surface (m ² /Kg)	421	Not Less than 300
3	Compressive Strength(Mpa)		
	72+-1h(3 Days)	20.6	Not less than 16
	168+-2h(7 Days)	29.3	Not less than 22
	672+-4h(28Days)	43.3	Not less than 33
4	Setting Time(Minute)		
	Initial	115	Not Less than 30
	Final	200	Not more than 600
5	Soundness		
	Le-Chatelier Expansion(mm)	2	Not more than 10mm
	Auto-Clave Expansion(%)	0.04	Not more than 0.8%
6	Normal Consistency(%)		
	Temp. During Testing(*C)	28.4	27+-2

Pozzolana Content in Cement (in %)

Manager (QC)

Bharat Infracement Limited

Sureth
Director

- 09AAECB3038Q1ZA
- AAECB3038Q
- U74900UP2010PLC040808