



ISO 9001, ISO 14001, ISO 50001 & OHSAS 18001
Certified by IRQS

IS 269

CM/L-4481668

**JSW CEMENT LTD.,
VIJAYANAGAR WORKS**

IS: 269:2015

**OPC 43 GRADE (VARIETY) ORDINARY PORTLAND CEMENT
TEST CERTIFICATE**

S.No	Characteristics	Requirement as Per IS 269:2015	Test Result
CHEMICAL REQUIREMENTS			
1	Lime Saturation Factor (Range)	0.66-1.02	0.82
2	Alumina Modula's (Min.)	0.66	2.10
3	Magnesia (MgO %)(Max.)	6.0	2.45
4	Loss On Ignition (%) (Max.)	5.0	2.76
5	Insoluble Residue (%) (Max.)	5.0	3.09
6	Chloride (%) (Max.)	0.1	0.007
7	Sulphuric Anhydride (SO ₃ %) Max.	3.5	3.05
PHYSICAL REQUIREMENTS			
1	Fineness (M ² /Kg) (Min)	225	392
2	Setting Time (minutes) a) Initial (Min) b) Final (Max)	30 600	100 205
3	Soundness a) Le-chatelier (mm) (Max.) b) Auto Clave (%) (Max.)	10 0.8	1.00 0.003
4	Compressive Strength (MPa) a) 3 days (Min.) b) 7 days (Min.) c) 28 days (Min-Max)	23 33 43-58	36.90 47.22 57.46

Week No. 29

15.07.2020 – 21.07.2020


Authorized signatory