



شركة عمان للخرسانة (س.أ.و.ع)
Oman Cement Company (S.A.O.G)

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للخرسانة ومواد البناء

TEST CERTIFICATE OF ORDINARY PORTLAND CEMENT
In accordance with OS 7:2001 OPC⁺, and BS EN 197-1:2011 CEM 1 42.5N
Note: It also conforms to specifications of ASTM C 150/150M-12 Type I

REQUIREMENT		SPECIFICATIONS		TEST RESULTS	REQUIREMENT		SPECIFICATIONS		TEST RESULTS
		Max.	Min.		Max.	Min.			
Specific Surface Air Permeability Test (m ² /kg)		---	---	335	Silica (SiO ₂) %		---	---	20.96
Setting Time		Initial (Minutes)		170	Insoluble Residue (IR) ⁺ %		5.00	---	0.53
		Final (Minutes)		212	Alumina (Al ₂ O ₃) %		---	---	4.64
Soundness Le Chatelier Expansion (mm)		10.00		1.5	Ferric Oxide (Fe ₂ O ₃) %		---	---	4.17
Compressive Strength: Mortar Prisms		---		---	Lime (CaO) %		---	---	62.90
at 2 days N/mm ²		---		21.0	Magnesia (MgO) ⁺ %		5.00	---	1.70
at 7 days N/mm ²		---		34.4	Sulphur Trioxide (SO ₃) %		3.50	---	2.15
at 28 days N/mm ² *		62.5		44.2	Loss on Ignition (LOI) ⁺ %		5.00	---	2.52
At 28 days: *Refers to cement despatch of week ending		04.04.19							
Sampling / Testing Date:		20-25.04.19							
Ref. No.:		OPC19-17							
Remarks:		24657							
Issue Date :		02.05.19							
<p>NOTE: OS 7:2001 OPC⁺ Specifies: %IR = 1.50 max., %MgO = 6.00 max., %LOI = 3.00 max., %C₃A = 9.00 max. OPTIONAL: %Alkalies (Na₂O + 0.658 K₂O) = 0.60 max.</p>									

ASST.MANAGER.QC

 QC-F-001
 1/1

MANAGER QUALITY CONTROL

 End of Test Certificate

GENERAL MANAGER (Manuf.)