

OMAN CEMENT COMPANY (S.A.O.G.)**شركة الاسمنت عمان (ش.م.ع.ع.)**

فاكس: ٢٤٤٣٧٧٧٧ (٠٠٩٦٨) - س.ت.رقم: ١/٠٦١٢٢/٢

ص.ب: ٥٦٠ - روي - الرمز البريدي ١١٢ - سلطنة عمان - هاتف: ٢٤٤٣٧٠٧٠ (٠٠٩٦٨)

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TEST CERTIFICATE OF MODERATE SULPHATE RESISTING CEMENT

In accordance with ASTM C 150/150M-12 Type II

PHYSICAL TEST				CHEMICAL TEST			
REQUIREMENT	SPECIFICATIONS		TEST RESULTS	REQUIREMENT	SPECIFICATIONS		TEST RESULTS
	MAX.	MIN.			MAX.	MIN.	
Air content of Mortar, Volume %	12	--	5.9	Silica (SiO ₂)	---	20.00**	20.69
Specific Surface Air Permeability Test (M ² /Kg)	---	280	327	Insoluble Residue (IR)	0.75	---	0.41
Setting Time	Initial (Minute)	---	138	Alumina (Al ₂ O ₃)	6.00	---	4.01
	Final (Minute)	375	---	Ferric Oxide (Fe ₂ O ₃)	---	---	3.96
Soundness Autoclave Expansion (%)	0.80	---	0.08	Lime (CaO)	---	---	62.41
Compressive Strength:				Magnesia (MgO)	6.00	---	1.74
2.75 Sand: 1 Cement Mortar Cube				Sulphur Trioxide (SO ₃) if C3A<8%	3.00	---	2.63
at 3 days +/-1hr (Mpa)	--	10	20.2	Sulphur Trioxide (SO ₃) if C3A>8%	3.50	---	---
at 7 days +/-2hrs (Mpa)	---	17	26.5	Loss on Ignition (LOI)	3.00	---	2.63
at 28 days +/-12hrs (Mpa) *	---	28	34.5	Total Alkalies (Na ₂ O Eq.)	0.60	---	0.50
Heat of Hydration at 7 days (kJ/kg) **	290	---	283	Tricalcium Aluminate (C ₃ A)	8.00	---	4.83
At 28 days:*Refers to cement despatch of week ending: 29.01.17				**Not required when heat of hydration limit is specified.			
Sampling / Testing Date: MSRC17-08							
Ref. No.: 18-23.02.17							
Remarks: PL-22737							
Issue Date : 02.03.17							


 ASST. MANAGER.QC

QC-F-005

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 MANAGER QUALITY CONTROL

End of Test Certificate



 GENERAL MANAGER (Manuf.)