



ACCREDITED
Certificate # 3512.05

Construction Materials Testing Laboratory
Jubail Branch

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السحيمي - فيفرو

SUMMARY OF TEST REPORT

Client	A.H. Al Marhoon & Bros. Co.	Job No.	SA08-3012
Project	Concrete Batch Plant, Rahima	Lab No.	10171
Material	3/4" (20 mm) Coarse Aggregate	Date Sampled	02 March, 2015
Source	Al Osais, Abuhadriya (Sampled by FSL)	Date Reported	14 March, 2015

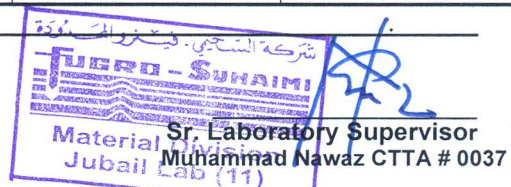
Properties:

Properties Tested	Test Method	Results	SCECO Specs.
Sieve analysis	ASTM C-136	See Attached	--
Material finer than No. 200 sieve %	ASTM C-117	0.3	5.0 Max.
Clay lumps & friable particles %	ASTM C-142	0.20	1.0 Max.
Los Angeles Abrasion	ASTM C-131		
Loss at 100 revolutions %		7.8	--
Loss at 500 revolutions %		33.5	35 Max.
Ratio 100/500 rev.		0.23	0.25 max
Magnesium sulfate soundness loss (5 cycles) %	ASTM C-88	13.4	18 Max.
Specific gravity and absorption	ASTM C-127		
Apparent		2.629	--
SSD basis		2.585	--
Dry basis		2.558	--
Absorption		1.1	2.5 max
Acid soluble chloride, (Cl), %	ASTM C 114		
(NaCl), %		0.015	0.03 max
		0.018	
Acid soluble sulphate (SO ₃), %	BS-812 Part 118		
(SO ₄), %		0.119	0.5 max
		0.119	
Flakiness index	BS-812	10.7	30 Max.
Elongation index	BS-812	13.4	45 Max.
Coal & lignite	ASTM C-123	NIL	0.5 Max.

Remarks:

Tested By: Jose Daniel
CTTA # : 0195

Reviewed By: Imran Ahmed
CTTA # : 0556



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