

NATIONAL LABORATORY

For Soil Investigation and Building Materials Testing

Dubai Branch



المختبر الوطني
لفحص التربة ومواد البناء
فرع دبي

TEST REQUISITION – AGGREGATE

To: National Laboratory, P.O. Box: 95399 – Dubai-U.A.E., Tel: 04-2580033, Fax: 04-2580044, E-mail: natlabdx@eim.ae, Website: www.nldubai.ae

Contractor		P.O. Box no.	
		Telephone no.	
		Fax no.	
Client			
Consultant			
Project Name			
Project no.			
Plot no.			
Project Location			
Sample Identification		Sampling Date	
Source		Sampling Time	
Location		Sampling Method	
Sampled by		Sampling Certificate	
Sender No.		Lot no.	
Sample brought in by		Lot Size	
Test Method		Sample Size (Kg / g)	

SI No.	Test Required	Test Method			Number of Test			
		British Standard	ASTM	AASHTO	20mm	10mm	5mm	Dune Sand
AGGREGATE SIZE								
1	Sieve Analysis	812: S 103.1, 7.2/7.3	C136, D142	T27, T88				
2	Moisture Content	812: Part 109	C566, D2216	T11				
3	Material passing 75µm	812: Sec. 103.1, 7.2	C177, D422	T255				
4	Relative densities / Water absorption	812: Part 2, cl. 5	C127, C128	T84, T85				
5	Flakiness Index	812: Sec. 105.1						
6	Elongation Index	812: Sec. 105.2						
7	Aggregate crushing value	812: Part 110						
8	Ten percent fines value	812: Part 111						
9	Soundness, MgSO ₄ / Na ₂ SO ₄	812: Part 121	C88	T104				
10	Shell Content	812: Part 106						
11	Light weight pieces		C123	T113				
12	Bulk density – compacted/uncompactd	812: Part 2, cl.6	C29	T19				
13	Los Angeles abrasion test		C131, C535					
14	Aggregate Impact Value	812: Part 112						
15	Clay lumps & friable particles		C142	T112				
16	Sand equivalent value		D2419	T126				
17	Compaction fraction of aggregate	BS 5955: Pt. 6: App A						
18	Petrographic examination	812: Part.104	C295					
19	Drying shrinkage	812: Part.120						
20	Organic Impurities		C40	T21				
21	Sulphate content	812: Part.118						
22	Chloride content	812: Part.117						
23	Potential alkali reactivity		C289					

Note:

Signed:

Contractor	
Consultant	
National Laboratory	
Resource Reviewed by	Date:
Request Reviewed by	Date:

NL Project no.	
NL Sample no.	
NL TR no.	
Date Received	
Time Received	

Date Scheduled	
Date Required	

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مكاتب أخرى: الشارقة و رأس الخيمة