

Location Name		Contractor Company		Designer Company						
ELDABAA		EGYPT STONE								
Issued by Contractor	Name	Sign	Date	Time						
	م/محمد النجار			10:00						
Contractor Reference				Revision 00						
Received by ER	Konei Disher									
		STR	C1	C2	C3	DD	MM	YY	HH	MM
		4/0	OT	Ms	2	03	23	11	00	

NB: Package 1 Only (Package 2 via Aconex)

THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

Description of Test Materials	Compression tests at cubes from st (410+900 to 410+980) for slope protection at left side			
Location of Test	Uni mix laboratory			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	Compression test 6 concrete cubes at 7 day	250	278 kg/cm ²	
2	Compression test 6 concrete cubes at 28 day	250 kg/cm ²	321 kg/cm ²	Pass
3	after 7 days	250	272 kg/cm ²	
4	after 28 day	250	313 kg/cm ²	
5				

Comments by: m. Adel	Comments by: Systra
The test result is accepted SGAC م. Adel	1) Contractor and his consultant had to Full Full Sunday Comments before handing over 2) Contractor didn't Finish deepholes Pipes, Cutting and Sealing Joints 3) all tests are performed by uni mix lab and Contractor consultant under their responsibility

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	م/محمد النجار		20/9/23	A
Designer	m. Adel	m. Adel	20/9/23	A
GARB *	m. Negm		20/9/23	A
Employers Representative	Konei Disher		20/9/2023	A

* Alignment / Bridges: Culvert Only

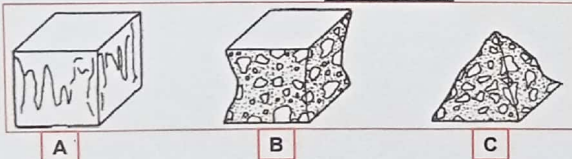
A= Approved; AWC= Approved with Comments; R= Rejected

DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

Cement Conten/Type	350 KG OPC	Client	ايجبت ستون
Date of Casting :	21/03/2023	Specified Strength	250 Kg/cm ²
Poured STRACTURE :	slope protection left st410+900 to st410+968	NO. of Cubes Made :	6
Concrete Slump	190 mm	Ref No	
Target Slump	200(-/+)25 mm	Concrete Temp (°C) :	27

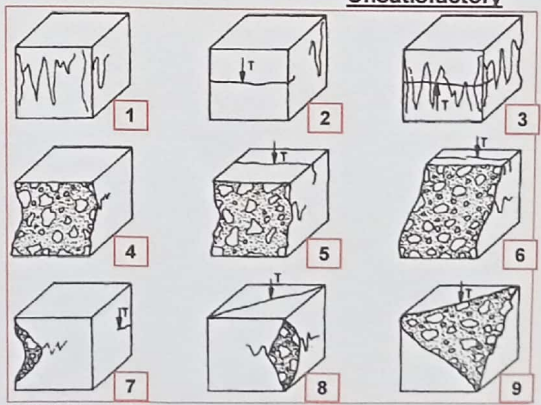
Specimen Reference	1	2	3			
Date of Test	18/04/2023	18/04/2023	18/04/2023			
Age of Test (Days)	28	28	28			
Moist. Condition at Testing.	MOIST	MOIST	MOIST			
Average Dimension (mm)	150	150	150			
Weight (g)	7849	7850	7912			
Density (kg/m ³)	2326	2326	2344			
Failure Load (kN)	694	680	749			
Comp. Strength Kg/cm ²	315	308	340			
Mode of Failure	C	C	B			
Average 28 Days	321					

Satisfactory



A B C

Unsatisfactory



1 2 3 4 5 6 7 8 9

Remarks :

Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician	Lab Incharge	QC Engineer
		
		QC Manager

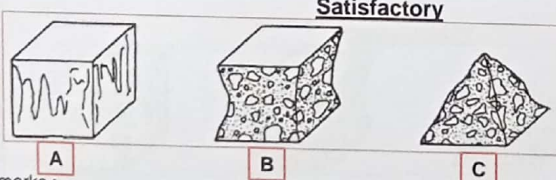


DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

Cement Contn/Type	350 KG OPC			Client	ايجبت ستون		
Date of Casting :	21/03/2023			Specified Strength	250 Kg/cm ²		
Poured STRUCTURE :	slope protection left st 410+900 to st410+968			NO. of Cubes Made :	6		
Concrete Slump	190	mm		Ref No			
Target Slump	200(-/+)25	mm		Concrete Temp (°C) :	27		

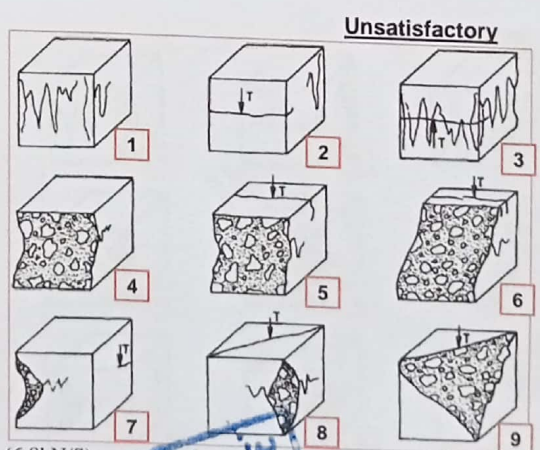
Specimen Reference	1	2	3			
Date of Test	28/03/2023	28/03/2023	28/03/2023			
Age of Test (Days)	7	7	7			
Moist. Condition at Testing.	MOIST	MOIST	MOIST			
Average Dimension (mm)	150	150	150			
Weight (g)	8050	8311	7984			
Density (kg/m ³)	2385	2463	2366			
Failure Load (kN)	640	620	580			
Comp. Strength Kg/cm ²	290	281	263			
Mode of Failure	C	B	B			
Average 7 Days	278					

Satisfactory



A B C

Unsatisfactory



1 2 3
4 5 6
7 8 9

Remarks :
Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

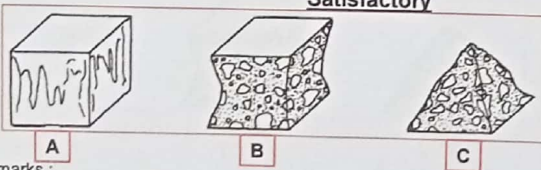
Lab Technician	Lab Incharge	QC Engineer	QC Manager
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DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

Cement Conten/Type	350 KG OPC	Client	ايجبت ستون
Date of Casting :	22/03/2023	Specified Strength	250 Kg/cm2
Poured STRACTURE :	slope protection left st410+900 to st410+968	NO. of Cubes Made :	6
Concrete Slump	190 mm	Ref No	
Target Slump	200(-/+25) mm	Concrete Temp (°C) :	27

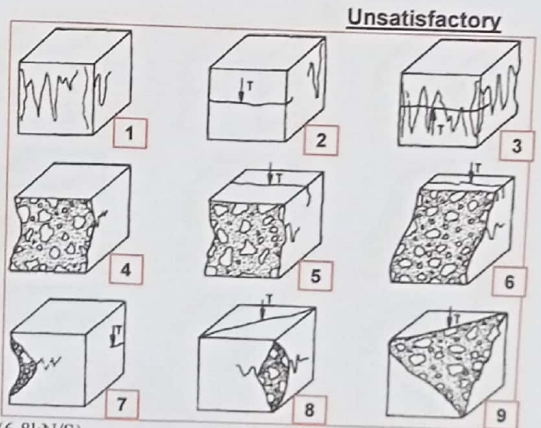
Specimen Reference	1	2	3			
Date of Test	19/04/2023	19/04/2023	19/04/2023			
Age of Test (Days)	28	28	28			
Moist. Condition at Testing.	MOIST	MOIST	MOIST			
Average Dimension (mm)	150	150	150			
Weight (g)	7927	7748	8018			
Density (kg/m³)	2349	2296	2376			
Failure Load (kN)	692	710	667			
Comp. Strength Kg/cm²	314	322	302			
Mode of Failure	C	C	B			
Average 28 Days	313					

Satisfactory



A B C

Unsatisfactory



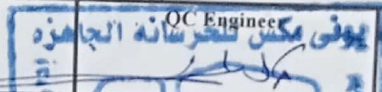
1 2 3
4 5 6
7 8 9

Remarks :

Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

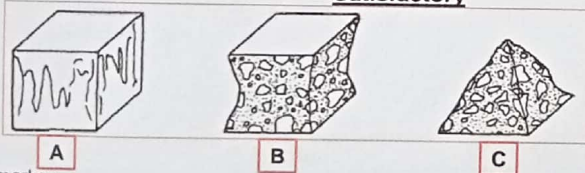
Lab Technician	Lab Incharge	QC Engineer
		 
		QC Manager

DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

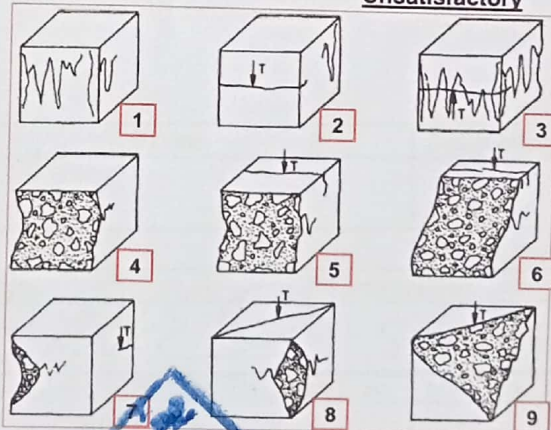
Cement Conten/Type	350 KG OPC	Client	ايجبت ستون
Date of Casting :	22/03/2023	Specified Strength	250 Kg/cm2
Poured STRACTURE :	slope protection left st 410+900 to st410+968	NO. of Cubes Made :	6
Concrete Slump	190 mm	Ref No	
Target Slump	200(-/+)25 mm	Concrete Temp (°C) :	27

Specimen Reference	1	2	3			
Date of Test	29/03/2023	29/03/2023	29/03/2023			
Age of Test (Days)	7	7	7			
Moist. Condition at Testing.	MOIST	MOIST	MOIST			
Average Dimension (mm)	150	150	150			
Weight (g)	8170	7895	7899			
Density (kg/m³)	2421	2339	2340			
Failure Load (kN)	622	597	580			
Comp. Strength Kg/cm²	282	271	263			
Mode of Failure	C	B	B			
Average 7 Days	272					

Satisfactory



Unsatisfactory



Remarks :

Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician	Lab Incharge	QC Engineer	QC Manager
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SUBMISSION
OF
DOCUMENTS

الهيئة القومية للإتفاق
NATIONAL AUTHORITY FOR TENDERING



EGYPT
STONE
FOR MINING & SUPPLIES



Location Name		Contractor Company		Designer Company	
EET- EL ALAMIN & ELDABAA					
Contractor ISSUED	Name	Sign	Date	Designation	
	م. محمد النجار				
Contractor Reference					Revision
Designer RECEIPT	Name	Sign	Date	Designation	
	M. Negm				
Designer Reference					Revision

NB: Package 1 Only (Package 2 via Aconex)

THE FOLLOWING DOCUMENTS ARE ATTACHED FOR REVIEW

Item	Document No	Revision	Title	Number of Sheets
①	calibration		prequalification of	
2	certificate		UNI MIX batch plant	
②	Design mix			
3				
4				
5				
6				
7				
8				
9				

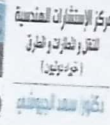
Designer Comments:

Designer REPLY	Name	Sign	Date	Designation

ER RECEIPT	Name	Sign	Designation																
	Mohamed Elmal		Senior G. Manager																
Note: Response to Contractor shall be by Letter with Any comments attached		ER Document No:	<table border="1"> <tr> <td>CI</td> <td>CY</td> <td>CT</td> <td>DD</td> <td>MM</td> <td>YY</td> <td>HH</td> <td>MM</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	CI	CY	CT	DD	MM	YY	HH	MM								
CI	CY	CT	DD	MM	YY	HH	MM												
CODE-1 S1 to ST1 Station Reference	CODE-1 D1 to DT Depot Reference	CODE-1 Kp XXX For Kilometer point only	CODE-Y Work Activity																
			CODE-Y Sub Element of Activity																

AWC

SUBMISSION of TEST RESULTS



Location Name		Contractor Company		Designer Company	
ELDABAA		EGYPT STONE		SGAC	
Issued by Contractor	Name	Sign	Date	Time	
	م. محمد النجار				
Contractor Reference					Revision
Received by ER					
					
STR المقاولات C2 Ew C3 M DD 31 MM 8 YY 23 HH 12 MM 00					

NB: Package 1 Only (Package 2 via Aconex)

THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

Description of Test Materials	Trial mix slope protection			
Location of Test	cell laboratory			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	Compression test 6 concrete cubes at 7 day	250 kg/cm ²	267 kg/cm ²	
2	Compression test 6 concrete cubes at 28 day	250 kg/cm ²	312 kg/cm ²	
3				
4				
5				

Comments by: <i>m. adel</i>	Comments by:

APPROVAL STATUS

Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار	<i>محمد النجار</i>		
Designer				
GARB *	<i>m. karam</i>	<i>[Signature]</i>		
Employers Representative	<i>Mohamed Elshah</i>	<i>[Signature]</i>	31/8/2023	A

* Alignment / Bridges: Culvert Only

A= Approved; AWC= Approved with Comments; R= Rejected

SUBMISSION of TEST RESULTS



Location Name		Contractor Company		Designer Company						
ELDABAA		EGYPT STONE								
Issued by	Name	Sign	Date	Time						
Contractor	م. محمد النجار			11:00						
Contractor Reference					Revision 00					
Received by ER			STR	C1 Kp 410	C2 GTMS	C3 26	DD 09	MM 23	YY 11	MM 00

NB: Package 1 Only (Package 2 via Aconex)

THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

Description of Test Materials	Compression tests at cubes from st (410+980 to 411+008) for slope protection at left side			
Location of Test	Uni mix laboratory			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	Compression test 6 concrete cubes at 7 day	250	269	
2	Compression test 6 concrete cubes at 28 day	280 kg/cm ²	300	pass
3	after 7 days	250	272	
4	after 28 day	250	313	
5				

Comments by: M. Adel	Comments by: Systra
	1) Contractor and his Consultant have to fulfill survey comments before handing over 2) Contractor didn't finish deep holes pipes, cutting and sealing joints 3) all tests are performed by uni mix lab and Contractor Consultant under the responsibility

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار		20/9/2023	A
Designer	M. Adel		20/9/2023	A
GARB *	M. N. Egm		20/9/2023	A
Employers Representative	Karam Ibrahim		20/9/2023	A

* Alignment / Bridges: Culvert Only

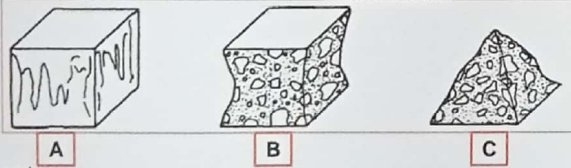
A= Approved; AWC= Approved with Comments; R= Rejected

DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

Cement Conten/Type	350 KG OPC	Client	ايجيت ستون
Date of Casting :	22/03/2023	Specified Strength	250 Kg/cm ²
Poured STRACTURE :	slope protection left st 410+968 to st411+008	NO. of Cubes Made :	6
Concrete Slump	190 mm	Ref No	
Target Slump	200(-/+)25 mm	Concrete Temp (°C) :	27

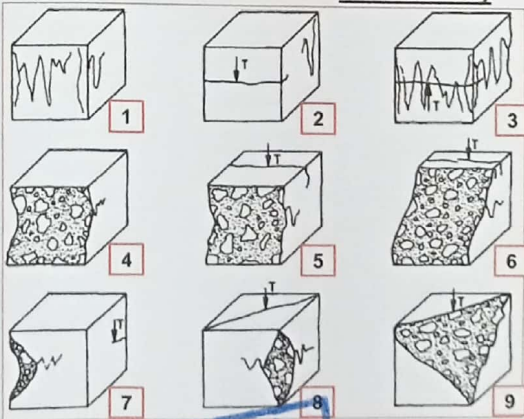
Specimen Reference	1	2	3			
Date of Test	29/03/2023	29/03/2023	29/03/2023			
Age of Test (Days)	7	7	7			
Moist. Condition at Testing.	MOIST	MOIST	MOIST			
Average Dimension (mm)	150	150	150			
Weight (g)	8170	7895	7899			
Density (kg/m ³)	2421	2339	2340			
Failure Load (kN)	622	597	580			
Comp. Strength Kg/cm ²	282	271	263			
Mode of Failure	C	B	B			
Average 7 Days	272					

Satisfactory



A B C

Unsatisfactory



1 2 3
4 5 6
7 8 9

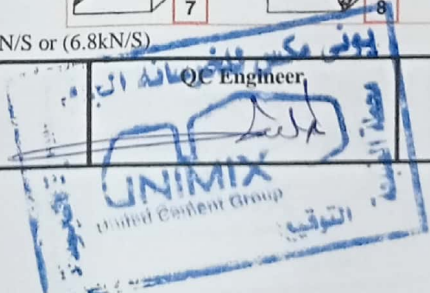
Remarks :

Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician	Lab Incharge	QC Engineer	QC Manager
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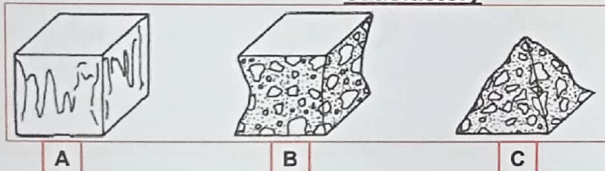


DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

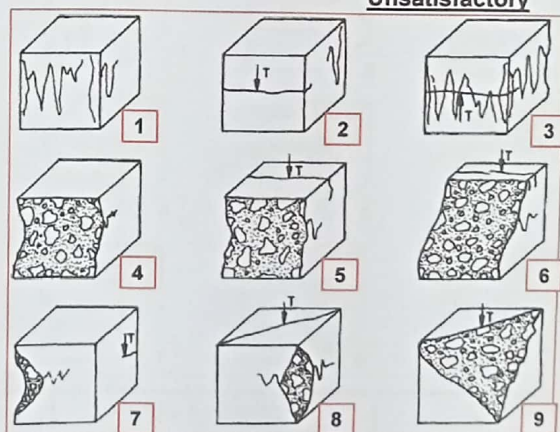
Cement Conten/Type	350 KG OPC	Client	ايجبت ستون
Date of Casting :	22/03/2023	Specified Strength	250 Kg/cm2
Poured STRACTURE :	slope protection left st410+968 to st411+008	NO. of Cubes Made :	6
Concrete Slump	190 mm	Ref No	
Target Slump	200(-/+25) mm	Concrete Temp (°C) :	27

Specimen Reference	1	2	3			
Date of Test	19/04/2023	19/04/2023	19/04/2023			
Age of Test (Days)	28	28	28			
Moist. Condition at Testing.	MOIST	MOIST	MOIST			
Average Dimension (mm)	150	150	150			
Weight (g)	7927	7748	8018			
Density (kg/m³)	2349	2296	2376			
Failure Load (kN)	692	710	667			
Comp. Strength Kg/cm²	314	322	302			
Mode of Failure	C	C	B			
Average 28 Days	313					

Satisfactory



Unsatisfactory



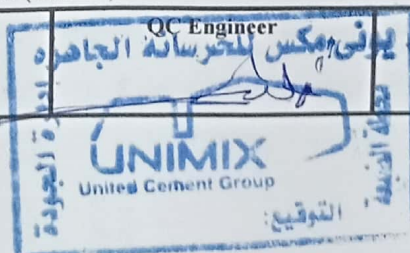
Remarks :

Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician	Lab Incharge	QC Engineer	QC Manager
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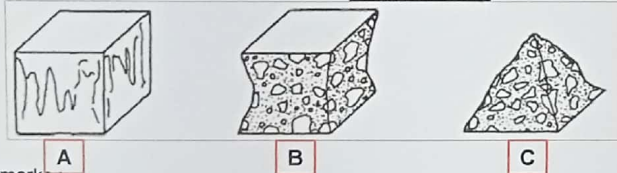


DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

Cement Conten/Type	350 KG OPC	Client	ايجبت ستون
Date of Casting :	28/03/2023	Specified Strength	250 Kg/cm2
Poured STRACTURE :	slope protection st410+968 to st 411+008	NO. of Cubes Made :	12
Concrete Slump	180 mm	Ref No	
Target Slump	200(-/+)25 mm	Concrete Temp (°C) :	28

Specimen Reference	1	2	3	4	5	6
Date of Test	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023
Age of Test (Days)	28	28	28	28	28	28
Moist. Condition at Testing.	MOIST	MOIST	MOIST	MOIST	MOIST	MOIST
Average Dimension (mm) L	150	150	150	150	150	150
Weight (g)	8002	7999	8120	8134	8203	7890
Density (kg/m³)	2371	2370	2406	2410	2431	2338
Failure Load (kN)	609	698	700	609	655	701
Comp. Strength Kg/cm²	276	316	317	276	297	318
Mode of Failure	C	C	B	C	C	B
Average 28 Days	300					

Satisfactory

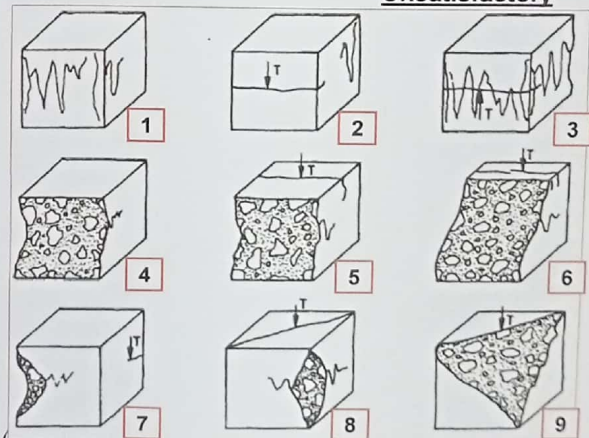


Remarks :

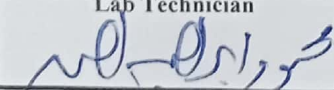
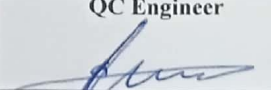
Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

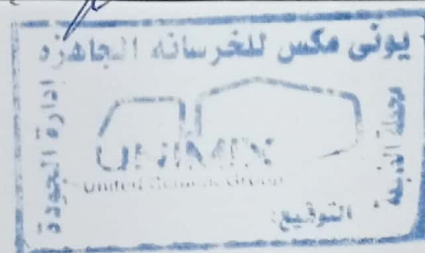
Note : T indicates tensile cracking

Unsatisfactory



Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (0.06N/mm²/s)

Lab Technician	Lab Incharge	QC Engineer	QC Manager
			

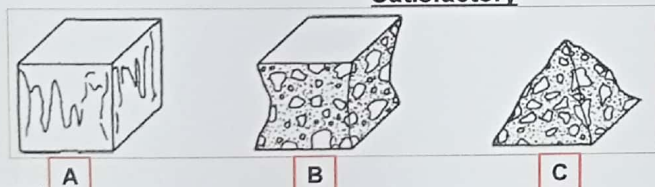


DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

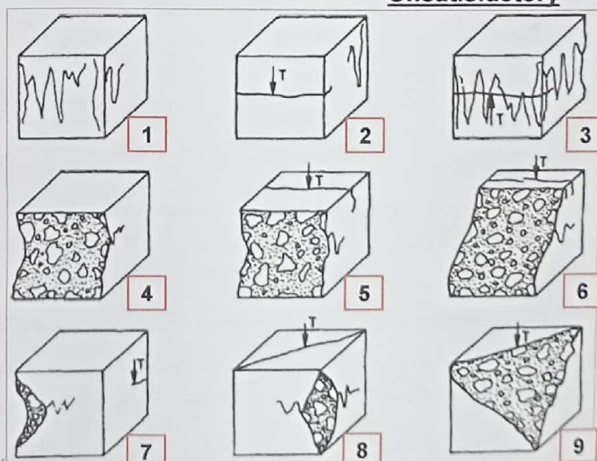
<u>Cement Conten/Type</u>	350 KG OPC	<u>Client</u>	ايجبت ستون
<u>Date of Casting</u> :	28/03/2023	<u>Specified Strength</u>	250 Kg/cm2
<u>Poured STRACTURE</u> :	slope protection st410+968 to st 411+008	<u>NO. of</u>	
		<u>Cubes Made</u>	12
<u>Concrete Slump</u>	180 mm	<u>Ref No</u>	
<u>Target Slump</u>	200(-/+)25 mm	<u>Concrete Temp (°C)</u> :	28

Specimen Reference	1	2	3	4	5	6
Date of Test	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023	04/04/2023
Age of Test (Days)	7	7	7	7	7	7
Moist. Condition at Testing.	MOIST	MOIST	MOIST	MOIST	MOIST	MOIST
Average Dimension (mm)	150	150	150	150	150	150
Weight (g)	7980	8200	7890	8154	7890	8011
Density (kg/m ³)	2364	2430	2338	2416	2338	2374
Failure Load (kN)	601	590	604	607	589	566
Comp. Strength Kg/cm ²	272	267	274	275	267	257
Mode of Failure	C	C	B	C	C	B
Average 7 Days	269					

Satisfactory



Unsatisfactory



Remarks :

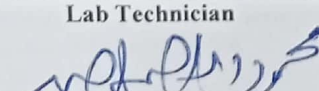
Density measurement is carried out in accordance with BS

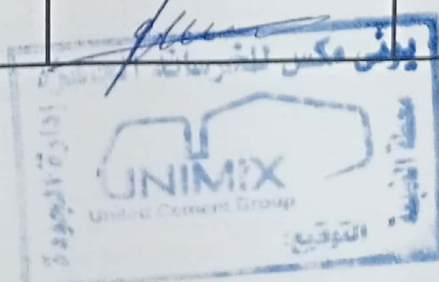
1881:Part 114 in the as received condition for moist specimens and

in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or ()

Lab Technician	Lab Incharge	QC Engineer	QC Manager
			



SUBMISSION of TEST RESULTS

الهيئة القومية للإنفاق



Location Name		Contractor Company		Designer Company	
ELDABAA		EGYPT STONE			
Issued by Contractor	Name	Sign	Date	Time	
	م. محمد النجار				
Contractor Reference				Revision 00	
Received by ER			STR	C1	C2
			411	OT	MS
			20	09	23
			11	00	

NB: Package 1 Only (Package 2 Via Aconex)

THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW

Description of Test Materials		Compression tests at cubes from st (411+060 to 411+112) for slope protection at left side		
Location of Test		Uni mix laboratory		
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	Compression test 6 concrete cubes at 7 day	250 kg/cm ²	271	
2	Compression test 6 concrete cubes at 28 day	250 kg/cm ²	331	
3	after 28 days	250 kg/cm ²	329 kg/cm ²	
4	after 7 day	250 kg/cm ²	277	
5				

Comments by:	Comments by:
The Test result is accepted (SGAC) 	1) Contractor and his Consultant had to Full fill Sunday comments before handing order 2) Contractor didn't finish deep holes Piles, Cutting and sealing Joints 3) all tests is performed by uni mix lab and Contractor consultant under there responsibility

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار			A
Designer	M. Adel		2-7-23	A
GARB *	M. Negm		2-7-23	A
Employers Representative	Khaled Ibrahim		20/9/2023	A

* Alignment / Bridges: Culvert Only

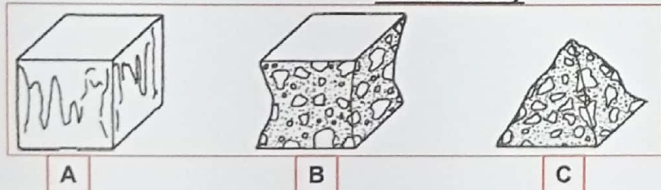
A= Approved; AWC= Approved with Comments; R= Rejected

DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

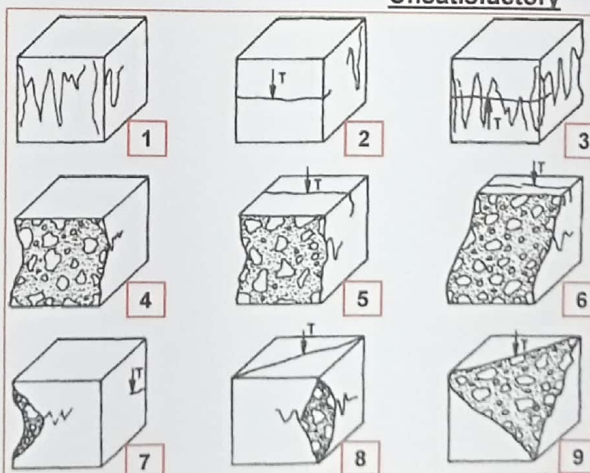
Cement Conten/Type	350 KG OPC	Client	ايجبت ستون
Date of Casting :	30/03/2023	Specified Strength	250 Kg/cm2
Poured STRACTURE :	slope protection left st411+060 to st411+112	NO. of Cubes Made :	12
Concrete Slump	195 mm	Ref No	
Target Slump	200(-/+)25 mm	Concrete Temp (°C) :	27

Specimen Reference	1	2	3	4	5	6
Date of Test	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
Age of Test (Days)	28	28	28	28	28	28
Moist. Condition at Testing.	MOIST	MOIST	MOIST	MOIST	MOIST	MOIST
Average Dimension (mm)	150	150	150	150	150	150
Weight (g)	8210	8310	8360	8240	8290	7999
Density (kg/m³)	2433	2462	2477	2441	2456	2370
Failure Load (kN)	723	734	755	722	731	716
Comp. Strength Kg/cm²	328	333	342	327	331	325
Mode of Failure	C	C	B	C	C	B
Average 28 Days	331					

Satisfactory



Unsatisfactory



Remarks :

Density measurement is carried out in accordance with BS

1881:Part 114 in the as received condition for moist specimens and

in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician	Lab Incharge	QC Engineer	QC Manager
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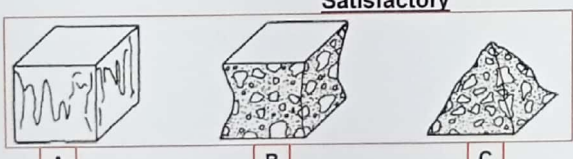
يونس مكي للتقانة الجاهزة

DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

Cement Conten/Type	350 KG OPC		Client	ايجبت ستون	
Date of Casting :	30/03/2023		Specified Strength	250 Kg/cm2	
Poured STRACTURE :	slope protection left st 411+060 to st411+112		NO. of Cubes Made :	12	
Concrete Slump	195	mm	Ref No		
Target Slump	200(-/+)25	mm	Concrete Temp (°C) :	27	

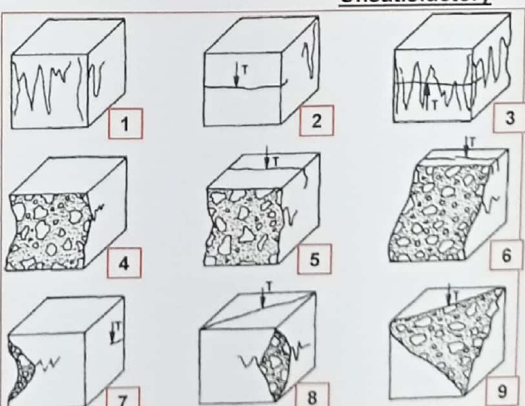
Specimen Reference	1	2	3	4	5	6
Date of Test	06/04/2023	06/04/2023	06/04/2023	06/04/2023	06/04/2023	06/04/2023
Age of Test (Days)	7	7	7	7	7	7
Moist. Condition at Testing.	MOIST	MOIST	MOIST	MOIST	MOIST	MOIST
Average Dimension (mm)	150	150	150	150	150	150
Weight (g)	8150	8000	7999	8052	7980	8140
Density (kg/m³)	2415	2370	2370	2386	2364	2412
Failure Load (kN)	587	594	621	571	620	590
Comp. Strength Kg/cm²	266	269	282	259	281	267
Mode of Failure	C	C	B	C	C	B
Average 7 Days	271					

Satisfactory



A B C

Unsatisfactory

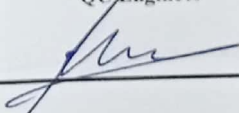


1 2 3
4 5 6
7 8 9

Remarks :
Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

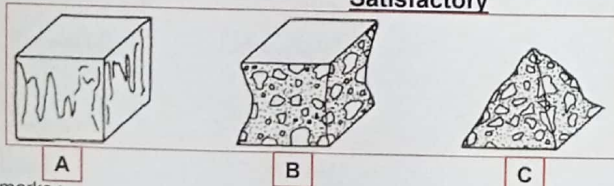
Lab Technician	Lab Incharge	QC Engineer 	QC Manager
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DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

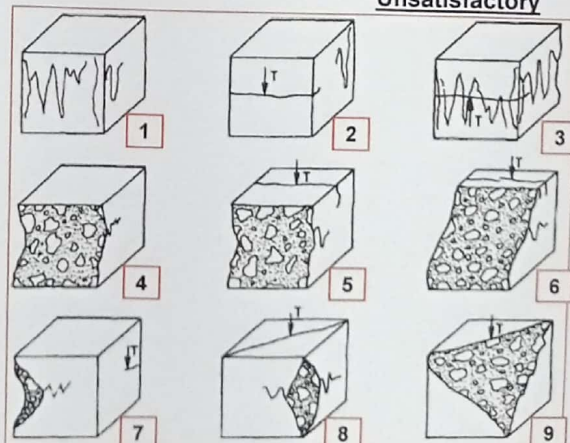
Cement Conten/Type	350 KG OPC	Client	ايجبت ستون
Date of Casting :	29/03/2023	Specified Strength	250 Kg/cm2
Poured STRACTURE :	slope protection left st 411+060 to st411+112	NO. of Cubes Made :	12
Concrete Slump	195 mm	Ref No	
Target Slump	200(-/+)25 mm	Concrete Temp (°C) :	27

Specimen Reference	1	2	3	4	5	6
Date of Test	05/04/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023	05/04/2023
Age of Test (Days)	7	7	7	7	7	7
Moist. Condition at Testing.	MOIST	MOIST	MOIST	MOIST	MOIST	MOIST
Average Dimension (mm)	150	150	150	150	150	150
Weight (g)	7982	7932	7954	7986	8241	8100
Density (kg/m³)	2365	2350	2357	2366	2442	2400
Failure Load (kN)	622	594	623	648	582	597
Comp. Strength Kg/cm²	282	269	282	294	264	271
Mode of Failure	C	C	B	C	C	B
Average 7 Days	277					

Satisfactory



Unsatisfactory

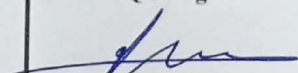


Remarks :

Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

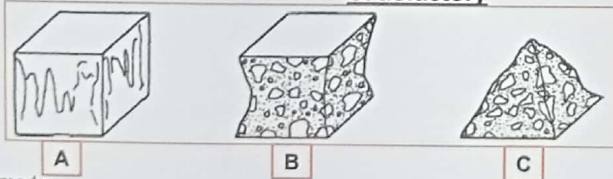
Lab Technician	Lab Incharge	QC Engineer	QC Manager
			

DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE CUBES
Test Standard BS 1881 - Part 116:1983AMD 6097:1989, 6720:1991

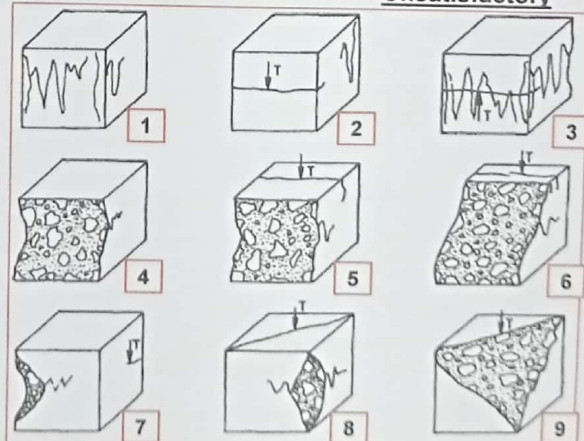
Cement Conten/Type	350 KG OPC	Client	ايڤيت ستون
Date of Casting :	29/03/2023	Specified Strength	250 Kg/cm2
Poured STRACTURE :	slope protection left st411+060 to st411+112	NO. of Cubes Made :	12
Concrete Slump	195 mm	Ref No	
Target Slump	200(-/+25) mm	Concrete Temp (°C) :	27

Specimen Reference	1	2	3	4	5	6
Date of Test	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
Age of Test (Days)	28	28	28	28	28	28
Moist. Condition at Testing.	MOIST	MOIST	MOIST	MOIST	MOIST	MOIST
Average Dimension (mm)	150	150	150	150	150	150
Weight (g)	8130	8120	8240	7988	7984	7935
Density (kg/m³)	2409	2406	2441	2367	2366	2351
Failure Load (kN)	722	701	761	726	725	721
Comp. Strength Kg/cm²	327	318	345	329	329	327
Mode of Failure	C	C	B	C	C	B
Average 28 Days	329					

Satisfactory



Unsatisfactory



Remarks :

Density measurement is carried out in accordance with BS 1881:Part 114 in the as received condition for moist specimens and in the saturated condition for laboratory cured specimens

Note : T indicates tensile cracking

Remarks : Specified Loading Rate Range = 4.5kN/S to 9.0 kN/S or (6.8kN/S)

Lab Technician	Lab Incharge	QC Engineer	QC Manager
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مث ٥٥ القطر الكندي فلة السعة قطاع (العلمي فوكا)
 مرحلة الحف، وتشكيل الجسم الفاني، وحقائق الأساس، والتأسيس، والحمايات الخرسانية
 وقائمة أير السجاد لعمود الأعمدة، تقود في فلة الحف، إرسادات
 القطاع من المحطة ٤٠٠٠ إلى ٤١٦٠

[illegible]

فقط سبعة عشرة مليون وثلاثمائة مئة وستة آلاف وأربعون جنية فقط لاشي

د/ محمد حسني قياض
مدير عام المشروعات

مدير المشرق

مدير المشروع: الأستاذ
د. مصطفى نوح

مدير المشروع انشركة
د / محمد النحر

عَمَل

إدارة المركزية
غرفة الدلائل

مرکزی مطروح

5

محبوب محمود

10

1990

توفيق بن عبد الله

سندھ طے : اُسعار اشیاء بنڈریہ تحس انفاوص

