

SUBMISSION of TEST RESULTS



مركز الاستشارات الهندسية
للتنقل والمواصلات والطرق
(خبراء دوليين)
دكتور/ سمير الجيوشي



Location Name		Contractor Company		Designer Company							
EL alameen		EGYPT STONE		SGAC							
Issued by Contractor	Name	Sign	Date	Time							
	م/محمد النجار										
Contractor Reference				Revision 05							
Received by ER			STR	C1	C2	C3	DD	MM	YY	HH	MM
				KP 409	OT	MS	19	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 (409+040 to 409+100) for diversion channel left
Location of Test	Cell lab laboratory

Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	Compression test 6 concrete cubes at 7 day	250	276	
2	Compression test 6 concrete cubes at 28 day	250	417	
3	7	250	284	
4	28	250	384	
5				

Comments by: SGAC The test result is accepted m-Adel	Comments by: Systra 1) Contractor and his consultant have to fulfill survey comments before handing over 2) Contractor didn't finish sweep holes pipes and cutting/sealing joints 3) All Tests is performed by cell lab under Contractor consultant supervision and Test results is under his responsibility.
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APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	م/محمد النجار			A
Designer	m-Adel	m-Adel		A
GARB *	m-Negm			A
Employers Representative	Karam Ibrahim		19/09/2013	A

* Alignment / Bridges: Culvert Only

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

SUBMISSION OF DOCUMENTS



Location Name		Contractor Company		Designer Company	
EET-EL ALAMIN &ELDABAA					
Contractor ISSUED	Name	Sign	Date	Designation	
	محمد النجار				
Contractor Reference				Revision	
Designer RECEIPT	Name	Sign	Date	Designation	
	M. Negm		20/12/20		
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
	Michael Elmal		Senior Engineer
Note: Response to Contractor shall be by Letter with Any comments attached		ER Document No:	
		SUB	CU
CODE-1 S1 to S11 Station Reference	CODE-1 D1 to D1 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	محمد النجار			
Contractor Reference					Revision
Received by ER					
		STR	C1	C2	C3
			KP	EW	MS
			DD	MM	YY
			31	8	23
			III	MM	
			12	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 KJ/cm ²	267 KJ/cm ²	
2	Compression test 6 concrete cubes at 28 day	250 KJ/cm ²	312 KJ/cm ²	
3				
4				
5				

Comments by: m. Abdel	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار	محمد النجار		
Designer				
GARB *	M. Hegm			
Employers Representative	Mohamed Shaker		31/8/2023	A

* Alignment / Bridges: Culvert Only

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

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 21-05-2023
Report No : 109
Location : Diversion Channel Left St. (409+040) : (409+100)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Age Testing	Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
14-5-2023	21-5-2023	7	Diversion Channel Left St.(409+040) : (409+100)	8009	8161	2.42	615	279	276	98
				8262			600	272		
				8211			610	276		

Note: تم توزيع المحميات بواسطة العميل والمعمل غير مسئول عن كيفية الاختبار معتمدة البيانات

Signature / التوقيع

CEL
المحامل الهندسية
بم. محمد مصطفى
2016 - 2023
27367231 - 27363093

3 El Malek El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093

IAS
ACCREDITED
Testing Laboratory

ش. الملك الأفذل
الزمالك - القاهرة
٢٧٣٦٣٠٩٣ - ٢٧٣٦٧٢٣١
تليفون + فاكس :
www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 11-06-2023
Report No : 137
Location : Diversion Channel Left St. (409+040) : (409+100)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Age Testing	Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
14-5-2023	11-6-2023	28	Diversion Channel Left St.(409+040) : (409+100)	8403	8225	2.44	924	419	417	149
				7953			901	408		
				8320			934	423		

تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية اخذ و معالجة العينات

Signature

مكتب محاللات الاستشارات الهندسية
2350 - 0584 - 0577
رقم الترخيص المهندس : د. محمد عبد الله الخليل - الزمالة - 0584

2 El Yasek El Ahdal Street
Zamalek, Cairo.
Tel & Fax : 27367231 - 27363093



ش. المالك الأفضل
الزمالك - القاهرة
٧٧٣٩٣, ٩٣ - ٧٧٣٩٧٣١ : فاكس :
٧٧٣٩٣, ٩٣ - ٧٧٣٩٧٣١ : تليفون + فاكس :
www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 20-05-2023
Report No : 108
Location : Diversion Channel Left St. (409+040) : (409+100)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of	Age	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
Casting	Testing	Days							
13-5-2023	20-5-2023	7							
		Diversion Channel Left St.(409+040) : (409+100)	8077			619	280		
			8244	8194	2.43	640	290	284	102
			8262			625	283		

Note: تم توريد الكعكات بواسطة العميل والمعمل غير مسئول عن معالجة العينات

Signature /

مكتب محامل الاستشارات الهندسية
المساحل المشرفة
بمصر الجديدة - 2316 - 0697 - 057
جديرة القاهرة : 3 شارع قناة السويس - البركة - طابق 3

3 El Malek El Afdal Street
Zamalek, Cairo.
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www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 10-06-2023
Report No : 136
Location : Diversion Channel Left St. (409+040) : (409+100)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Age Testing	Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
13-5-2023	10-6-2023	28	Diversion Channel Left St.(409+040) : (409+100)	8384	8246	2.44	847	384	384	137
				8211			836	379		
				8143			863	391		

تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية اختبار ومعالجة العينات

Signature /

CEL
مكتب محامل الاستشارات الهندسية
بم. المهندس/ محمد السيد
البريد الإلكتروني : 010-0041-6727 - 010-0041-6727
البريد : 3 شارع الملك فيصل - القاهرة

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UNIMIX

Date and Time of Printout: 13/05/2023 - 14:16:17

Production Date: 13/05/2023 14:07:38 Start Time: 13/05/2023 14:07:43 Finish Time: 13/05/2023 14:16:46

Production: 23051200001-010 ERF ID: 12000038530 Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 10.00

for Contractor: (VAT: 4)

Truck: TM155 Driver: (VAT: 3246)

Cycles: 5 Production Time: 08:25

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbed Water
1000000052	SAND	1	1	800	8000	8000.0	8000.0	0.0	0.0	0.00%	0.0%	0.0%	+0.01	-0.01
1000000052	Gravel	1	1	650	6550	6550.0	6550.0	0.0	0.0	0.01%	0.0%	0.0%	+0.01	-0.01
1000000052	Water	1	1	425	4350	4350.0	4350.0	0.0	0.0	0.11%	0.0%	0.0%	+0.01	-0.01
Aggregate 1	Total	1	1	1910	19100	19100.0	19125.0	0.0	25.0	0.13%	--	--	+0.01	+0.01
1000000000	OPC CEMENT	1	1	350.0	3500.0	3500.5	3500.0	0.0	5.0	0.23%				
Cement	Total	1	1	350.0	3500.0	3500.0	3508.0	0.0	8.0	0.23%				-0.01
10000000052	WATER	1	1	150.0	1500.0	1500.0	1503.0	0.0	3.0	0.20%				
Water	Total	1	1	150.0	1500.0	1500.0	1503.0	0.0	3.0	0.20%				+0.01
10000000021	R4PN	1	1	5.0001	50.0001	50.0001	50.1001	0.0001	0.1001	0.20%			+0.01	
Additives	Total	1	1	5.0001	50.0001	50.0001	50.1001	0.0001	0.1001	0.20%			+0.01	
Production Total		1	1	2415.0	24150.0	24150.0	24186.1	0.0	36.1	0.15%				

Cohesion (kw/m³): 13.1 Water/Cement Ratio (Tar.)0.429 Water/ Cement Ratio (Act.)0.428 Total Produced Concrete (kg) 24186

Ambient Temperature during mix:20.00 °C Mixture Temperature during mix:20.00 °C

Date and Time of Printout: 13/05/2023 - 13:58:25

13/05/2023 13:49:48 Finish Time: 13/05/2023 13:58:56

Production: 23051200001-009 ER2 ID: 120000038530

Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OI

Cubics (m³): 10.00

إيجيبت ستون لتعدين والتوريدات (VAT: 10002/3)

1000273)

for Contractor: **العلين** (VAT: 4)
 Taxpayer: **مركز تطوير** (VAT: 3774)

3774)

تاریخ: ۰۸-۲۳
ساعت: ۰۸:۲۳
کارگاه: ۶
زمان تولید: ۰۸:۲۳

Cycles: 6 Production Time: 08.29

[illegible]

Cycle: 6 Production Time: 08:54														
Material	Material	III	II	Target	Target	Target	Actual	Manual	Difference	Deviation	Mois.	Abs.	Existing	Absorbd
Code	Name			m³	Theor.	Corr.				%	%	%	Water	Water
1000000061	SAND 1.6	IA01	kg	800	8000	8000.0	8005.0	0.0	5.0	0.06%	0.08%	0.08%	+0.01	-0.0
1000000062	WATER	IA02	kg	455	4550	4550.0	4565.0	0.0	15.0	0.23%	0.03%	0.03%	+0.01	-0.0
1000000063	CEMENT	IA03	kg	455	4550	4550.0	4555.0	0.0	5.0	0.11%	0.03%	0.03%	+0.01	-0.0
Aggregate 1	Total	kg		1910	19100	19100.0	19125.0	0.0	25.0	0.13%	--	--	+0.01	+0.0
1000000001	OPC CEMENT	EO3	kg	350.0	3500.0	3505.5	3508.0	0.0	8.0	0.23%				
Cement	Total	kg		350.0	3500.0	3500.0	3508.0	0.0	8.0	0.23%				-0.0
1000000052	WATER	IC01	kg	150.0	1500.0	1500.0	1503.0	0.0	3.0	0.20%				+0.0
Water	Total	kg		150.0	1500.0	1500.0	1503.0	0.0	3.0	0.20%				+0.01
1000000021	R4PM	ID03	kg	5.0001	50.0001	50.0001	50.1001	0.0001	0.1001	0.20%				
Additives	Total	kg		5.0001	50.0001	50.0001	50.1001	0.0001	0.1001	0.20%				+0.01
Production Total		kg		2415.0	24150.0	24150.0	24186.1	0.0	36.1	0.15%				
Cohesion (kw/m²): 9.5 Water/Cement Ratio (Tar.) 0.429 Water/Cement Ratio (Act.) 0.428 Total Produced Concrete (kg) 24186														
Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C														

UNIMIX

Date and Time of printout: 13/05/2023 - 11:04:54
 Production Date: 13/05/2023 10:57:32 Start Time: 13/05/2023 10:57:42 Finish Time: 13/05/2023 11:05:24
 Production Date: 23051200001-006 ERP ID: 12000038530 Status: COMPLETED
 Production: 23051200001-006 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00
 RecipeCode: 9000001849 الجيب ستن للتعدين والتوريد (VAT: 1000273)
 for Contractor: العميل (VAT: 4)
 Truck: TM170 Driver: شرف عمران صلاح (VAT: 3774)
 Cycles: 5 Production Time: 07:05

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
10000000356	SAND 1.6	1A01	kg	800	640C	6400.0	6425.0	C.0	25.0	0.39%	0.0%	0.0%	+0.01	-0.01
10000000401	D1	1A03	kg	655	524C	5240.0	5275.0	C.0	-5.0	-0.10%	0.0%	0.0%	+0.01	-0.01
10000000411	D2	1A04	kg	455	364C	3640.0	3620.0	C.0	0.0	0.00%	0.0%	0.0%	+0.01	-0.01
Aggregate 1	Total	kg	1910	1528C	15280.0	15300.0	C.0	20.0	0.13%	--	--	--	+0.01	+0.01
10000000000	OPC CEMENT	1B03	kg	350.0	280C.0	2801.0	2798.0	C.0	-2.0	-0.07%				
Cement	Total	kg	350.0	280C.0	2800.0	2799.0	C.0	-2.0	-0.07%					
10000000052	WATER	1C01	kg	150.0	120C.0	1200.0	1200.0	C.0	0.0	0.00%				
Water	Total	kg	150.0	120C.0	1200.0	1200.0	C.0	0.0	0.00%					
10000000021	R4FN	1D03	kg	5.000	40.000	40.000	40.000	C.000	0.000	0.00%				
Additives	Total	kg	5.000	40.000	40.000	40.000	C.000	0.000	0.00%					
Production Total	kg	2415.0	19320.0	19320.0	19338.0	C.0	18.0	0.09%						

Cohesion (kw/m³): 10.0 Water/Cement Ratio (Tar.)0.429 Water/ Cement Ratio (Act.)0.429 Total Produced Concrete (kg) 19338
 Ambient Temperature during mix:20.00 °C Mixture Temperature during mix:20.00 °C

UNIMIX

Date and Time of Printout: 13/05/2023 - 10:49:15
 Date and Time of Production: 13/05/2023 10:42:02 Finish Time: 13/05/2023 10:49:44
 Production Date: 13/05/2023 10:41:59 Start Time: 13/05/2023 10:42:02
 Production: 23051200001-005 ERP ID: 12000038530 Status: COMPLETED
 RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00
 For Customer: العميل (VAT: 4)
 For Contractor: العميل (VAT: 4508)
 Truck: TM192 Driver: عبد المطلب حسين (VAT: 4508)
 Cycles: 5 Production Time: 07:04

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1000000056	SAND 1.6	A01	kg	800	6400	6400.0	6385.0	0.0	-15.0	-0.23%	0.0%	0.0%	+0.01	-0.01
1000000057		A02	kg	655	5240	5240.0	5245.0	0.0	5.0	0.10%	0.0%	0.0%	+0.01	-0.01
1000000041		A04	kg	455	3640	3640.0	3640.0	0.0	0.0	0.00%	0.0%	0.0%	+0.01	-0.01
Aggregate 1	Total	kg	1910	15280	15280.0	15270.0	0.0	-10.0	-0.07%	--	--	--	+0.01	+0.01
1000000000	OPC CEMENT	B03	kg	350.0	2800.0	2803.0	2798.0	0.0	-2.0	-0.07%				
Cement	Total	kg	350.0	2800.0	2800.0	2798.0	0.0	-2.0	-0.07%					
1000000053	WATER	C01	kg	150.0	1200.0	1200.0	1199.0	0.0	-1.0	-0.08%				-0.01
Water	Total	kg	150.0	1200.0	1200.0	1199.0	0.0	-1.0	-0.08%					+0.01
1000000021	R4PN	D03	kg	5.0001	40.0001	40.0001	40.0001	0.0001	0.0001	0.00%			+0.01	
Additives	Total	kg	5.0001	40.0001	40.0001	40.0001	0.0001	0.0001	0.00%				+0.01	
Production Total	kg	2415.0	19320.0	19320.0	19307.0	0.0	-13.0	-0.07%						

Cohesion (kw/m³): 11.8 Water/Cement Ratio (Tar.) 0.429 Water/Cement Ratio (Act.) 0.429 Total Produced Concrete (kg) 19307
 Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

UNFILED
Date and Time of printout: 14/05/2023 - 10:22:19
14/05/2023 10:14:55 Start Time: 14/05/2023 10:14:59 Finish Time: 14/05/2023 10:22:49

Production Date: 14/05/2023 10:14:59 Scale: 1000g Status: COMPLETED
 33051300001-013 ERP ID: 120000038530

Status: COMPLETED

Production:	23051200001-013	ERP ID:	12000038530	Status:	CONFIRMED	Cubics (m ³):	8.00
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RecipeCode: 9000001849 Recipe Name: C280/550/010/1.250/1.000
(VAT: 1000273)

For Customer: (VAT: 4)

ایمن مدوح عبداله شرف
 (VAT: 3774)
 Truck: TM170 Driver:

Cycles: 5 Production Time: 07:12

Cycles: 5 Production Time: 07:12																
Material	Material	III	II	Target	Target	Target	Actual	Manual	Difference	Deviation	Mois.	Abs.	Existing	Absorbd		
Code	Name			m³	Theor	Corr.				%	%	%	Water	Water		
1000000056	SAND 1.6	A01	kg	300	6400	6400.0	6405.0	0.0	5.0	0.08%	0.0%	0.0%	+0.0	-0.0		
1000000419	Almain Wn D1	A03	kg	655	5240	5240.0	5300.0	0.0	60.0	1.15%	0.0%	0.0%	+0.0	-0.0		
1000000055	ALAMIN D2	A04	kg	455	3640	3640.0	3640.0	0.0	0.0	0.00%	0.0%	0.0%	+0.0	+0.0		
Aggregate 1	Total	kg		1910	15280	15280.0	15345.0	0.0	65.0	0.43%	--	--	+0.0	+0.0		
1000000000	OPC CEMENT	B03	kg	350.0	2800.0	2802.0	2800.0	0.0	0.0	0.00%						
Cement	Total	kg		350.0	2800.0	2800.0	2800.0	0.0	0.0	0.00%				-0.0		
1000000052	WATER	C01	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				+0.0		
Water	Total	kg		150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				+0.0		
1000000021	R4PN	D03	kg	5.000	40.000	40.000	40.000	0.000	0.000	0.00%			+0.0	+0.0		
Additives	Total	kg		5.000	40.000	40.000	40.000	0.000	0.000	0.00%						
Production Total		kg		2415.0	19320.0	19320.0	19385.0	0.0	65.0	0.34%						
Cohesion (kw/m³): 10.0 Water/Cement Ratio (Tar.)0.429 Water/ Cement Ratio (Act.)0.429 Total Produced Concrete (kg) 19385																
Ambient Temperature during mix:20.00 °C Mixture Temperature during mix:20.00 °C																

UNIMIX
Date and Time of printout: 14/05/2023 - 08:20:10
Date and Time of next printout: 14/05/2023 - 08:20:10

14/05/2023 08:10:00 Finish Time: 14/05/2023 08:17:38

Production Date: 14/05/2023 08:09:49 Scale: 1.000
 Production ID: 33051200001-011 EFP ID: 12000038530

Status: **COMPLETED**

Producton: 20081208
RecipeCode: 9000001849 Recipe Name: C280/33
بجريت سټوڻ ۽ لال پٿر

(VAT: 1000273)

for Customer: (VAT: 4)
for Contractor: (VAT: 4478)

(VAT: 4478)

Truck: TMI75 Driver: J. Jones
Cycles: 5 Production Time: 07:00

Truck: TM175 Driver: جوليا حسن جوليا (VAT: 44/8)																
Cycles: 5 Production Time: 07:CO																
Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water		
10000000056	SAND 1.6	IA01	kg	800	6400	6400.0	6405.0	0.0	5.0	0.08%	0.0%	0.0%	+0.0	-0.0		
10000000419	Almain Wn D1	IA03	kg	655	5243	5240.0	5225.0	0.0	-15.0	-0.29%	0.0%	0.0%	+0.0	-0.0		
10000000055	ALAMIN D2	IA04	kg	455	3643	3640.0	3640.0	0.0	0.0	0.00%	0.0%	0.0%	+0.0	+0.0		
Aggregate 1	Total	kg		1910	15280	15280.0	15270.0	0.0	-10.0	-0.07%	--	--				
10000000000	OPC CEMENT	IB03	kg	350.0	2800.0	2802.0	2800.0	0.0	0.0	0.00%						
Cement	Total	kg		350.0	2800.0	2800.0	2800.0	0.0	0.0	0.00%				-0.0		
10000000052	WATER	IC01	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				+0.0		
Water	Total	kg		150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				+0.0		
10000000021	RAFN	ID03	kg	5.000	40.000	40.000	40.000	0.000	0.000	0.00%				+0.0		
Additives	Total	kg		5.000	40.000	40.000	40.000	0.000	0.000	0.00%						
Production Total	kg			2415.0	19320.0	19320.0	19310.0	0.0	-10.0	-0.05%						
Cohesion (kw/m²): 11.4 Water/Cement Ratio (Var.) 0.429 Water/ Cement Ratio (Act.) 0.429 Total Produced Concrete (kg) 19310																
Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C																

e-Batch Concrete Client v4.0.1.0 ©1996-2023 Dedoussis Eng. Ltd

SUBMISSION of TEST RESULTS



مركز الاستشارات الهندسية
للنقل والطرق والمطارات
(خارج دوليون)
دكتور/ سمير الجبوشي



Location Name		Contractor Company		Designer Company																
EL alameen		EGYPT STONE		SGAC																
Issued by Contractor	Name	Sign	Date	Time																
	م. محمد النجار																			
Contractor Reference					Revision 0.0															
Received by ER			STR	<table border="1"> <tr> <td>C1</td> <td>C2</td> <td>C3</td> <td>DD</td> <td>MM</td> <td>YY</td> <td>HH</td> <td>MM</td> </tr> <tr> <td>KP 409</td> <td>OT</td> <td>MS</td> <td>19</td> <td>09</td> <td>23</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	KP 409	OT	MS	19	09	23	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
KP 409	OT	MS	19	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 (409+240 to 409+300) for diversion channel left		
Location of Test		Cell lab laboratory		
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	Compression test 6 concrete cubes at 7 day	250	287	PASS /
2	Compression test 6 concrete cubes at 28 day	250	372	
3	28	250	284	
4	28	250	365	
5				

Comments by: SGAC	Comments by: Systra
The test result is accepted m. Adel	1) Contractor and his consultant have to fulfill survey comments before handing over 2) Contractor didn't finish weep holes pipes and cutting / sealing joints 3) All tests is performed by cell lab under Contractor Consultant supervision and results is under his responsibility

APPROVAL STATUS

Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار			A
Designer	m. Adel	m. Adel		A
GARB *	m. Nigm			A
Employers Representative	Karem Ibrahim		15/09/2023	A

* Alignment / Bridges: Culvert Only

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

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 17-05-2023
Report No : 102
Location : Diversion Channel Left St (409+240) : (409+300)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Age Testing Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
10-5-2023	17-5-2023	7 Diversion Channel Left St. (409+240) : (409+300)	8227	8201	2.43	597	270	274	98
			8183			614	278		
			8194			602	273		

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كفاءة الخرسانة في محلها النهائي

Signature /

المساحل المشاهير
رئيس قسم المختبر
رقم هاتف: ٢٣٦٣٠٩٣٠ - ٢٣٦٣٠٩٣١
فيسال لاسي : شارع النيل - القاهرة - مصر

3 El Malek El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093



ش. الملك الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣
www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 07-06-2023
Report No : 130
Location : Diversion Channel Left St. (409+240) : (409+300)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Age Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
10-5-2023	7-6-2023	Diversion Channel Left St. (409+240) : (409+300)	8227	8264	2.45	861	390	365	130
			8236			788	357		
			8329			768	348		

Note: تم توريد المكعبات بواسطة انجنيير والمعمل غير مسئول عن كيفية اختبارها في المختبر

Signature /
مدير المختبر الهندسي - مكتب محامل واختبارات الهندسية

المساحل الهندسية

3 El Maies El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093



شركة الملك الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٧٢٣٠
www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 18-05-2023
Report No : 103
Location : Diversion Channel Left St (409+240) : (409+300)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of	Age	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
Casting	Testing								
11-5-2023	18-5-2023	7 Diversion Channel Left St (409-240) : (409+300)	8111	8110	2.40	647	293	287	102
			8120			632	286		
			8098			620	281		

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن معالجة البيانات

Signature /

المسجل المهنى
د. محمد مصطفى
3 شارع المهندسين - القاهرة

3 El Malek El Afdal Street
Zamalek, Cairo.
Tel & Fax : 27367231 - 27363093



ش. الملك الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٧٢٣٠
www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 08-06-2023
Report No : 131
Location : Diversion Channel Left St. (409+240) : (409+300)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Testing	Age Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
11-5-2023	8-6-2023	28	Diversion Channel Left St. (409+240) : (409+300)	8168	8136	2.41	787	357	372	133
				8226			811	367		
				8013	8136	2.41	866	392	372	

تم توريد الكميات بواسطة العميل والعمل غير مسئول عن كيفية اخذ و معالجة العينات : Note

Signature / **CEL**

مكتب محامل الاستشارات الهندسية
3 El Madaat El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093



ش. المحامد الافضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣
www.cel-egypt.com

SUBMISSION of TEST RESULTS



Location Name		Contractor Company		Designer Company																		
ELDABAA		EGYPT STONE		SGAC																		
Issued by Contractor	Name	Sign	Date	Time																		
	م. محمد النجار	<i>[Signature]</i>																				
Contractor Reference				Revision																		
Received by ER	<i>[Signature]</i>	STR	<table border="1"> <tr> <td>C1</td> <td>C2</td> <td>C3</td> <td>DD</td> <td>MM</td> <td>YY</td> <td>III</td> <td>MM</td> </tr> <tr> <td>KP</td> <td>En</td> <td>NB</td> <td>31</td> <td>8</td> <td>23</td> <td>V2</td> <td>00</td> </tr> </table>				C1	C2	C3	DD	MM	YY	III	MM	KP	En	NB	31	8	23	V2	00
			C1	C2	C3	DD	MM	YY	III	MM												
KP	En	NB	31	8	23	V2	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 KJ/cm ²	267 KJ/cm ²	
2	Compression test 6 concrete cubes at 28 day	250 KJ/cm ²	312 KJ/cm ²	
3				
4				
5				

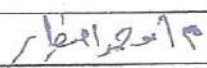
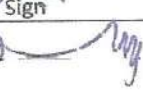
Comments by: <i>m. Abdel</i>	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار	<i>[Signature]</i>		
Designer		<i>[Signature]</i>		
GARB *	<i>M. Karam</i>	<i>[Signature]</i>		
Employers Representative	<i>Mohamed Elshorbagy</i>	<i>[Signature]</i>	31/8/2023	A

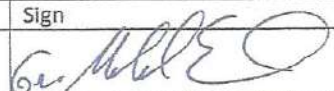
* Alignment / Bridges: Culvert Only

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

SUBMISSION OF DOCUMENTS				
	الهيئة العامة للإنتاج EGYPT STONE FOR HIRING & 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		2014/12/14		
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 Elmaghrabi		Senior Engineer							
Note: Response to Contractor shall be by Letter with Any comments attached		ER Document No:	CY	CY	CT	DD	MM	YY	HH	MM
		SUB	CY							
CODE-1 S1 to SY1 Station Reference	CODE-1 D1 to DT Depot Reference	CODE-1 Kp XXX For Kilometer point only	CODE-2 Work Activity				CODE-3 Sub Element of Activity			

AWC

UNIMIX

Date and Time of printout: 10/05/2023 - 14:32:23

Production Date: 10/05/2023 14:26:23 Start Time: 10/05/2023 14:26:14 Finish Time: 10/05/2023 14:32:52

Production: 23050900001-012 ERP ID: 12000038415 Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00

for Customer: العميل (VAT: 4)

Truck: TM191 Driver: محمد الوبيكر (VAT: 3418)

Cycles: 4 Production Time: 06:01

Material Code	Material Name	III/II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1000000056	SAND 1.6	A01	800	6400	6400.0	6365.0	0.2	-35.0	-0.55%	0.0%	0.0%	+0.0	-0.0
1000000041	Almain Wh D1	A03	655	5240	5240.0	5255.0	0.3	15.0	0.29%	0.0%	0.0%	+0.0	-0.0
1000000055	ALAMIN D2	A04	455	3640	3640.0	3635.0	0.3	-5.0	-0.14%	0.0%	0.0%	+0.0	-0.0
Aggregate 1	Total		1910	15280	15280.0	15255.0	0.0	-25.0	-0.16%	--	--	+0.0	+0.0
1000000006	OPC CEMENT	E03	350.0	2800.0	2797.0	2798.0	0.0	-2.0	-0.07%				
Cement	Total		350.0	2800.0	2800.0	2798.0	0.0	-2.0	-0.07%				-0.0
1000000052	WATER	G01	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%			+0.0	+0.0
Water	Total		150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%			+0.0	+0.0
1000000021	R4PN	D03	5.000	40.000	40.000	40.000	0.000	0.000	0.00%			+0.0	+0.0
Additives	Total		5.000	40.000	40.000	40.000	0.000	0.000	0.00%			+0.0	+0.0
Production Total			2415.0	19320.0	19320.0	19299.0	0.0	-27.0	-0.14%				

Cohesion (kw/m³): 17.5 Water/Cement Ratio (Tar.) 0.429 Water/ Cement Ratio (Act.) 0.429 Total Produced Concrete (kg) 19293

Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

UNIMIX

Date and Time of Printout: 10/05/2023 - 14:21:20

Production Date: 10/05/2023 14:14:45 Start Time: 10/05/2023 14:15:37 Finish Time: 10/05/2023 14:21:49

Production: 23050900001-011 ERP IL: 12000038415 Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00

For Customer: العميل (VAT: 4)

For Contractor: العميل (VAT: 4)

Truck: TM206

Cycles: 4 Production Time: 05:34

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mols %	Abs. %	Existing Water	Absorbed Water
1305060004	SAND 1.6	1A01	kg	800	6400	6400.0	6395.0	0.3	-5.0	-0.08%	0.0%	0.0%	+0.0	-0.0
1005000413	Almain Wt D1/A03	kg	655	5240	5240.0	5225.0	5225.0	0.3	-15.0	-0.29%	0.0%	0.0%	+0.0	-0.0
1005000051	ALAMIN D2	1A04	kg	455	3640	3640.0	3635.0	0.3	-5.0	-0.14%	0.0%	0.0%	+0.0	-0.0
Aggregate 1	Total	kg	1910	15280	15280.0	15255.0	15255.0	0.0	-25.0	-0.16%	--	--	+0.0	+0.0
1005000001	OPC CEMENT	1B03	kg	350.0	2800.0	2801.0	2800.0	0.0	0.0	0.00%				
Cement	Total	kg	350.0	2800.0	2800.0	2800.0	2800.0	0.0	0.0	0.00%				-0.0
1005000052	WATER	1C01	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				+0.0
Water	Total	kg	150.0	1200.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				+0.0
1005000051	REFN	1D03	kg	5.000	40.000	40.000	40.000	0.000	0.000	0.00%				+0.0
Additives	Total	kg	5.000	40.000	40.000	40.000	40.000	0.000	0.000	0.00%				
Production Total	Total	kg	2415.0	19320.0	19320.0	19295.0	19295.0	0.0	-25.0	-0.13%				

Cohesion (kw/m³): 13.3 Water/Cement Ratio (Tar.): 0.429 Water/ Cement Ratio (Act.): 0.429 Total Produced Concrete (kg) 19295

Ambient Temperature during mix: 23.00 °C Mixture Temperature during mix: 20.00 °C

e-Batch Concrete Client v4.0.1.2 @1996-2023 Dedoussis Eng.Ltd

UNIMIX

Date and Time of Printout: 10/05/2023 - 14:14:40

Production Date: 10/05/2023 14:08:34 Start Time: 10/05/2023 14:08:45 Finish Time: 10/05/2023 14:15:11

Production: 23050900001-010 ERP ID: 12000038415 Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00

for Customer: العميل (VAT: 4)

for Contractor: العميل (VAT: 4557)

Truck: TMI70 Driver: محمد شبلان (VAT: 4557)

Cycles: 4 Production Time: 05:48

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbed Water
1000000056	SAND 1.6	IA01	kg	800	6400	6400.0	6376.0	0.0	-30.0	-0.47%	0.0%	0.0%	+0.0	-0.0
10000000419	Almain Wn D1/A03	kg	655	5240	5240.0	5250.0	5250.0	0.0	10.0	0.19%	0.0%	0.0%	+0.0	-0.0
1000000055	ALMAIN D2	IA04	kg	455	3640	3640.0	3635.0	0.0	-5.0	-0.14%	0.0%	0.0%	+0.0	-0.0
Aggregate 1	Total	kg	1910	15280	15280.0	15255.0	15255.0	0.0	-25.0	-0.16%	--	--	+0.01	+0.01
1000000000	OPC CEMENT	IB03	kg	350.0	2800.0	2799.0	2802.0	0.0	2.0	0.07%				
Cement	Total	kg	350.0	2800.0	2800.0	2802.0	2802.0	0.0	2.0	0.07%				-0.01
1000000052	WATER	IC01	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				
Water	Total	kg	150.0	1200.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				+0.01
1000000021	RAFN	ID03	kg	5.000	40.000	40.000	40.000	0.000	0.000	0.00%				+0.01
Additives	Total	kg	5.000	40.000	40.000	40.000	40.000	0.000	0.000	0.00%				
Production Total	kg	2415.0	19320.0	19320.0	19297.0	0.0	-23.0	-0.12%						

Cohesion (kw/m³): 9.2 Water/Cement Ratio (Tar.)0.429 Water/ Cement Ratio (Act.)0.428 Total Produced Concrete (kg) 19297

Ambient Temperature during mix:23.00 °C Mixture Temperature during mix:20.00 °C

Production Date: 10/03/2023 13:11:33
Production: 23050900001-009 ERF ID: 12000038415

RecipeCode: 9000001849 Recipe Name: C280/350/OP
ايحييت ستون للتعدين، والنودات
for Customer: 9000001849

ber/HST Cubics (in³): 8.00
1000273)

for Contractor: العلمين (VAT: 4)

Truck: TMI75 Driver: سلمان عبد المساح سالمان ١٧٨- ٢٤٥٧

Cycles: 4 Production Time: 05:44

[illegible]

Production [23051100001-003] of Factory 1

11/05/2023 09:11:00 Finish Time: 11/05/2023 09:03:41

status: **COMPLETED**

Cubics (m³): 8.00

1000273)

24101

3418)

[illegible]

Production [23051100001-002] of Factory 1

UNIMIX

Date and Time of printout: 11/05/2023 - 08:31:05

Production Date: 11/05/2023 08:25:04 Start Time: 11/05/2023 08:25:08 Finish Time: 11/05/2023 08:31:34

Production: 23051100001-002 ERP ID: 12000038496 Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00

for Customer: العميل (VAT: 1000273)

for Contractor: العميل (VAT: 3467)

Truck: TM156 Driver: عبدالسلام عادل عبد السلام (VAT: 3467)

Cycles: 4 Production time: 05:48

Material Code	Material Name	III	II	Target m³	Target Theo.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1000000056	SAND 1.6	A01	kg	800	640C	6400.0	6370.0	0.0	-30.0	-0.47%	0.0%	0.0%	+0.01	-0.01
1000000040	DI	A03	kg	655	524C	5240.0	5240.0	0.0	0.0	0.00%	0.0%	0.0%	+0.01	-0.01
1000000041	BD2	A04	kg	455	364C	3640.0	3635.0	0.0	-5.0	-0.14%	0.0%	0.0%	+0.01	-0.01
Aggregate 1	Total	kg	1910	1528C	15280.0	15245.0	0.0	-35.0	-0.23%	--	--	--	+0.01	+0.01
1000000000	OPC CEMENT	B03	kg	350.0	280C	2797.0	2800.0	0.0	0.0	0.00%				
Cement	Total	kg	350.0	2800.0	2800.0	2800.0	0.0	0.0	0.00%					
1000000052	WATER	C01	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%				-0.01
Water	Total	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%					+0.01
1000000021	R4PN	D03	kg	5.000	40.000	40.000	40.100	0.000	0.100	0.25%			+0.01	
Additives	Total	kg	5.000	40.000	40.000	40.100	0.000	0.100	0.25%				+0.01	
Production Total		kg	2415.0	19320.0	19320.0	19285.1	0.0	-34.9	-0.18%					

Cohesion (kw/m³): 12.8 Water/Cement Ratio (Tar.)0.429 Water/ Cement Ratio (Act.)0.429 Total Produced Concrete (kg) 19285
 Ambient Temperature during mix:20.00 °C Mixture Temperature during mix:20.00 °C

UNIMIX

Production [23051100001-001] of Factory 1

Date and Time of Printout: 11/05/2023 - 08:15:32

Production Date: 11/05/2023 08:09:30 Start Time: 11/05/2023 08:09:37 Finish Time: 11/05/2023 08:16:02

Production Ref: 23051100001-001 ERF ID: 12000038496 Status: COMPLETED

Production Ref: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00

For Contractor: سوليبيد والاسيبي (VAT: 1000273)

Truck: TM175 Driver: ساليان عليان (VAT: 5226)

Cycles: 4 Production Time: 05:47

Material Code	Material Name	Unit	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
10000000561	SAND 1.6	kg	900	6400	6400.0	6375.0	0.0	-25.0	-0.39%	0.0%	0.0%	+0.01	-0.01
10000000641		kg	455	5240	5240.0	5245.0	0.0	5.0	0.10%	0.0%	0.0%	+0.01	-0.01
10000000641		kg	455	5240	5240.0	5245.0	0.0	5.0	0.10%	0.0%	0.0%	+0.01	-0.01
Aggregate 1	Total	kg	1910	15280	15280.0	15255.0	0.0	-25.0	-0.16%	--	--	+0.01	+0.01
10000000641		kg	250.0	2800.0	2800.0	2801.0	0.0	1.0	0.04%				
Cement	Total	kg	350.0	2800.0	2800.0	2801.0	0.0	1.0	0.04%				
10000000641		kg	50.0	1200.0	1200.0	1199.0	0.0	-1.0	-0.08%				
Water	Total	kg	250.0	1200.0	1200.0	1199.0	0.0	-1.0	-0.08%				
10000000021	PF41M	kg	4.500	36.000	36.000	36.000	0.000	0.000	0.00%			+0.01	
Additives	Total	kg	4.500	36.000	36.000	36.000	0.000	0.000	0.00%			+0.01	
Production Total		kg	2414.5	19316.0	19316.0	19291.0	0.0	-25.0	-0.13%				

Cohesion (kw/m³): 15.8 Water/Cement Ratio (Tar.) 0.429 Water/Cement Ratio (Act.) 0.428 Total Produced Concrete (kg) 19291

Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

SUBMISSION of TEST RESULTS



مركز الاستشارات الهندسية
للتنقل والطرق والمطرق
(خبراء دوليين)
دكتور/ سمير الجيوشي



Location Name		Contractor Company		Designer Company							
EL alameen		EGYPT STONE		SGAC							
Issued by Contractor	Name	Sign	Date	Time							
	م. محمد النجار										
Contractor Reference					Revision 00						
Received by ER			STR	C1	C2	C3	DD	MM	YY	HH	MM
				KP 409	OT	MS	19	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 (409+100 to 409+200) for diversion channel left			
Location of Test	Cell lab laboratory			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	Compression test 6 concrete cubes at 7 day	250	264	pass /
2	Compression test 6 concrete cubes at 28 day	250	402	
3	28	250	275	
4	28	250	416	
5				

Comments by: SGAC	Comments by: Systra
The test result is accepted	1) Contractor and his consultant have to fulfill survey comments before handover
m. Adel	2) Contractor didn't finish weep holes pipes and cutting/sealing joints
	3) All tests is performed by cell lab under Contractor Consultant supervision and results is under his responsibility

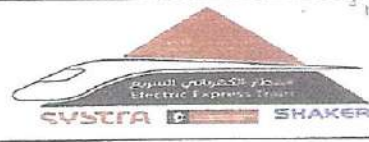
APPROVAL STATUS

Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار			A
Designer	m. Adel	m. Adel		A
GARB *	m. Hegm			A
Employers Representative	Karen Ibrahim		19/09/2023	A

* Alignment / Bridges: Culvert Only

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

SUBMISSION
OF
DOCUMENTS



Location Name		Contractor Company		Designer Company	
EET- EL ALAMIN &ELDABAA					
Contractor ISSUED	Name	Sign	Date	Designation	
	ما محمد النجار	<i>[Signature]</i>			
Contractor Reference				Revision	
Designer RECEIPT	Name	Sign	Date	Designation	
	M. Negm	<i>[Signature]</i>	20/12/22		
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 certificate		prequalification of 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 Esmail	<i>[Signature]</i>	Senior Engineer
Note: Response to Contractor shall be by Letter with Any comments attached		ER Document No:	
		SUB	CW
CODE-1 S1 to SY1 Station Reference	CODE-1 D1 to DT Depot Reference	CODE-1 Kp XXX For Kilometer point only	CODE-1 Work Activity
			CODE-1 Sub Element of Activity

AWC

SUBMISSION of TEST RESULTS

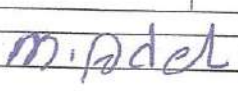


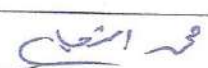
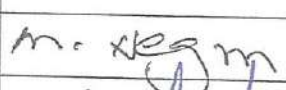
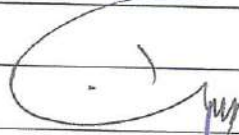
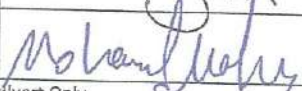
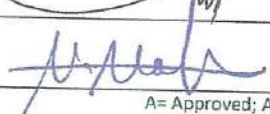
Location Name		Contractor Company		Designer Company																
ELDABAA		EGYPT STONE		SGAC																
Issued by Contractor	Name	Sign	Date	Time																
	م. محمد النجار	محمد النجار																		
Contractor Reference					Revision															
Received by CR			STR	<table border="1"> <tr> <td>C1</td> <td>C2</td> <td>C3</td> <td>DD</td> <td>MM</td> <td>YY</td> <td>HH</td> <td>MM</td> </tr> <tr> <td>KP</td> <td>EW</td> <td>MS</td> <td>31</td> <td>8</td> <td>23</td> <td>12</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	KP	EW	MS	31	8	23	12	00
C1	C2	C3	DD	MM	YY	HH	MM													
KP	EW	MS	31	8	23	12	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: 	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	م. محمد النجار			
Designer				
GARB *				
Employers Representative			31/8/2023	A

* Alignment / Bridges: Culvert Only

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

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 19-05-2023
Report No : 105
Location : Diversion Channel Left St. (409+100) : (409+200)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Age Testing	Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
12-5-2023	19-5-2023	7	Diversion Channel Left St.(409+100) : (409+200)	8053	8141	2.41	578	262	264	94
				8225			590	267		
				8145			582	264		

Note: تم تزويد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية استخدامها في المختبر

Signature / **الساحل الشمالي**
تم تصديق نتائج 17/5/2023
مدير المختبر : د. محمد عبد الله - فوسفات

3 El Malek El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093



ش. الملك الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣
www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 18-05-2023
Report No : 104
Location : Diversion Channel Left St. (409+100) : (409+200)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Date of Casting	Age Testing	Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
11-5-2023	18-5-2023	7	Diversion Channel Left St.(409+100) : (409+200)	8358	8236	2.44	602	273	275	98
				8213			608	275		
				8136			613	278		

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن معالجة النتائج

Signature /

مكتب محامل الاختبارات الهندسية
الساحل الشمالي
بم تدمر القديمة - 2537 - 2538 - 2539
قصر القويس : 3 شارع همام القديم - طريق - 2539

3 El Malek El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093

IAS
ACCREDITED
Testing Laboratory

شركة المحاماة الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣
www.cel-egypt.com

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 09-06-2023
Report No : 133
Location : Diversion Channel Left St. (409+100) : (409+200)

COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Casting	Date of		Age Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
	Testing										
12-5-2023	9-6-2023	28	Diversion Channel Left St.(409+100) : (409+200)	8117	8109	2.40		931	422	402	143
				8294				850	385		
				7917				879	398		

Note: تم توريد المكعبات بواسطة العميل والعمل غير مسئول عن كيفية الخس ومعالجة العينات:

Signature /
مكتب معامل الاستشارات الهندسية
الساحل الشمالي
رقم تسجيل المهندس: 249-201-1137
شركة التأسيس: 23 شارع الملك فهد - المنطقة - القاهرة

3 El Malek El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093

IAS
ACCREDITED

٣ ش الملك الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣
www.cel-egvdi.com



Consulting Engineering Bureau & Laboratories
مكتب معامل الاستشارات الهندسية

Company Name : Egypt Stone
Project : Electric Express Train, from Al Ain Sokhna to Marsa Matrouh
Report Date : 08-06-2023
Report No : 132
Location : Diversion Channel Left St. (409+100) : (409+200)

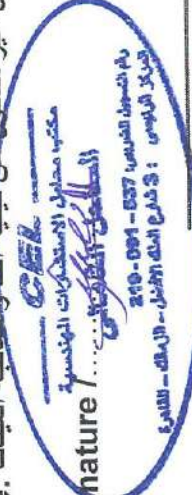
COMPRESSIVE STRENGTH RESULTS OF CUBE 15*15*15 CM CONCRETE SPECIMENS

Mix ID : C280/350 OPC

Casting	Date of		Age Days	Location	Weight (gm)	AVG Weight (gm)	Density (gm/cm ³)	Load (k.N)	Strength (Kg/cm ²)	Ave. Strength (Kg/cm ²)	Percentage %
	Testing										
11-5-2023	8-6-2023	28	Diversion Channel Left St.(409+100) : (409+200)	8560	8323	2.47		969	439	416	149
				8156				863	391		
				8252				924	419		

Note: تم توريد المكعبات بواسطة العميل والمعمل غير مسئول عن كيفية أخذ ومعالجة العينات:

Signature /



3 El Malek El Afdal Street
Zamalek, Cairo.
Tel. & Fax : 27367231 - 27363093



٣ شى اتحملك الأفضل
الزمالك - القاهرة
تليفون + فاكس : ٢٧٣٦٧٢٣١ - ٢٧٣٦٣٠٩٣
www.cel-egypt.com

Production [23051100001-006] of Factory 1

UNIMIX

Date and Time of Printout: 11/05/2023 - 11:51:13
 Production Date: 11/05/2023 11:41:25 Start Time: 11/05/2023 11:44:10 Finish Time: 11/05/2023 11:51:43
 Production: 23051100001-006-ER ID: 12000038496 Status: COMPLETED
 RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00
 for Contractor: المهندس عبد الله (VAT: 1000273)
 Truck: TM156 Driver: عادل عبد السلام (VAT: 3467)
 Cycles: 5 Production Time: 06:55

Material Code	Material Name	III	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1000000056	SAND 1.6	IA01	800	6400	6400.0	6405.0	0.0	5.0	0.08%	0.08%	0.08%	+0.0	-0.0
1000000040	DI	IA03	655	5240	5240.0	5240.0	0.0	0.0	0.00%	0.08%	0.08%	+0.0	-0.0
1000000041	BD2	IA04	455	3640	3640.0	3635.0	0.0	-5.0	-0.14%	0.08%	0.08%	+0.0	-0.0
Aggregate 1	Total	kg	1910	15230	15280.0	15280.0	0.0	0.0	0.00%	--	--	+0.0	+0.0
1000000000	OPC CEMENT	IB03	350.0	2800.0	2795.0	2798.0	0.0	-2.0	-0.07%				
Cement	Total	kg	350.0	2800.0	2800.0	2798.0	0.0	-2.0	-0.07%				
1000000052	WATER	IC01	150.0	1200.0	1200.0	1201.0	0.0	1.0	0.08%				-0.0
Water	Total	kg	150.0	1200.0	1200.0	1201.0	0.0	1.0	0.08%				+0.0
1000000021	R4FN	ID03	5.000	40.000	40.000	40.000	0.000	0.000	0.00%			+0.0	
Additives	Total	kg	5.000	40.000	40.000	40.000	0.000	0.000	0.00%			+0.0	
Production Total		kg	2415.0	19320.0	19320.0	19319.0	0.0	-1.0	-0.01%				

Cohesion (kw/m³): 6.0 Water/Cement Ratio (Tar.) 0.429 Water/Cement Ratio (Act.) 0.429 Total Produced Concrete (kg) 19319
 Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

Production [23051100001-005] of Factory 1

UNIMIX

Date and Time of Printout: 11/05/2023 - 11:44:25

Production Date: 11/05/2023 11:37:19 Start Time: 11/05/2023 11:37:23 Finish Time: 11/05/2023 11:44:55

Production Date: 11/05/2023 11:37:19 Start Time: 11/05/2023 11:37:23 Finish Time: 11/05/2023 11:44:55

Status: COMPLETED

Production Date: 11/05/2023 11:37:19 Start Time: 11/05/2023 11:37:23 Finish Time: 11/05/2023 11:44:55

Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00

Status: COMPLETED

for Customer: العميل (VAT: 4)

Status: COMPLETED

Truck: TM175 Driver: سلمان عبد الله (VAT: 5226)

Status: COMPLETED

Cycles: 5 Production Time: 6:53

Status: COMPLETED

Material Code	Material Name	Unit	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1000000056	SAND 1.6	kg	800	6400	6400.0	6375.0	0.0	-25.0	-0.39%	0.0%	0.0%	+0.0	-0.0
1000000040	D1	kg	655	5240	5240.0	5245.0	0.0	5.0	0.10%	0.0%	0.0%	+0.0	-0.0
1000000041	D2	kg	455	3640	3640.0	3640.0	0.0	0.0	0.00%	0.0%	0.0%	+0.0	-0.0
Aggregate 1	Total	kg	1910	15290	15280.0	15260.0	0.0	-20.0	-0.13%	--	--	+0.0	+0.0
1000000000	OPC CEMENT	kg	350.0	2800.0	2803.0	2800.0	0.0	0.0	0.00%				
Cement	Total	kg	350.0	2800.0	2800.0	2800.0	0.0	0.0	0.00%				-0.0
1000000052	WATER	kg	150.0	1200.0	1200.0	1201.0	0.0	1.0	0.08%				+0.0
Water	Total	kg	150.0	1200.0	1200.0	1201.0	0.0	1.0	0.08%				+0.0
1000000021	R4FN	kg	5.000	40.000	40.000	40.100	0.000	0.100	0.25%				+0.0
Additives	Total	kg	5.000	40.000	40.000	40.100	0.000	0.100	0.25%				+0.0
Production Total	Total	kg	2415.0	19320.0	19320.0	19301.1	0.0	-18.9	-0.10%				

Cohesion (kw/m³): 7.3 Water/Cement Ratio (Tar.) 0.429 Water/Cement Ratio (Act.) 0.429 Total Produced Concrete (kg) 19301

Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

UNIMIX

Date and Time of printout: 11/05/2023 - 11:32:27
 Production Date: 11/05/2023 11:25:12 Start Time: 11/05/2023 11:25:17 Finish Time: 11/05/2023 11:32:56
 Production: 23051100001-004 ERP ID: 12000038496 Status: COMPLETED
 RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³) 8.00
 For Customer: التوريد والتوريد (VAT: 1000273)
 For Contractor: المهندس (VAT: 4473)
 Truck: TM193 Driver: منصور حسن منصور (VAT: 4473)
 Cycles: 5 Production Time: 07:01

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1000000056	SAND 1.6	IA01	kg	800	6400	6400.0	6420.0	0.0	20.0	0.31%	0.0%	0.0%	+0.0	-0.0
1000000040	DL	IA03	kg	655	5240	5240.0	5235.0	0.0	-5.0	-0.10%	0.0%	0.0%	+0.0	-0.0
1000000041	DL	IA04	kg	455	3640	3640.0	3640.0	0.0	0.0	0.00%	0.0%	0.0%	+0.0	-0.0
Aggregate 1	Total	kg	1910	15230	15280.0	15295.0	0.0	15.0	0.10%	--	--	--	+0.0	+0.0
1000000000	OPC CEMENT	IB03	kg	350.0	2830.0	2794.0	2798.0	0.0	-2.0	-0.07%				
Cement	Total	kg	350.0	2830.0	2800.0	2798.0	0.0	-2.0	-0.07%					-0.0
1000000052	WATER	IC01	kg	150.0	1230.0	1200.0	1200.0	0.0	0.0	0.00%				
Water	Total	kg	150.0	1230.0	1200.0	1200.0	0.0	0.0	0.0	0.00%				+0.0
1000000021	R4PN	ID03	kg	5.000	40.000	40.000	40.100	0.000	0.100	0.25%				
Additives	Total	kg	5.000	40.000	40.000	40.100	0.000	0.100	0.25%					+0.0
Production Total	kg	2415.0	19320.0	19320.0	19333.1	0.0	13.1	0.07%						

Cohesion (kw/m³): 7.6 Water/Cement Ratio (Tar.)C.429 Water/ Cement Ratio (Act.)0.429 Total Produced Concrete (kg) 19333
 Ambient Temperature during rix:20.00 °C Mixture Temperature during mix:20.00 °C

UNPMX

Production [23051100001-012] of Factory 1

Batch and Time of Printout: 12/05/2023 - 10:48:21

Production Date: 12/05/2023 10:41:04 Start Time: 12/05/2023 10:41:13 Finish Time: 12/05/2023 10:48:53

Production: 23051100001-012 ERP ID: 12000038496 Status: COMPLETED

Production Time: 00:00:35.00/OPC/Fiber/HST Cubics (m³): 8.00

Production Time: 07:02 (VAT: 3774)

Material Code	Material Name	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation	Moist.	Ads.	Existing Water	Absorbed Water
100000056	SAND 1.6	800	6400	6400.0	6420.0	0.0	20.0	0.31%	0.0%	0.0%	+0.01	-0.01
100000000	OPC CEMENT	350.0	2800.0	2793.0	2801.0	0.0	1.0	0.04%	0.0%	0.0%	+0.01	-0.01
100000052	WATER	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%	0.0%	0.0%	+0.01	-0.01
Total		1300.0	10400.0	10393.0	10421.0	0.0	21.0	0.20%	0.0%	0.0%	+0.02	-0.02

Cohesion (kw/m²): 8.6 Water/Cement Ratio (Tar.) 0.429 Water/ Cement Ratio (Act.) 0.428 Total Produced Concrete (kg) 19331

Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

Production [23051100001-013] of Factory 1

Date and Time of printout: 2/26/2023 - 14:19:45

Production Date: 12/05/2023 14:11:56 Start Time: 12/05/2023 14:12:03 Finish Time: 12/05/2023 14:20:16

Production: 23051100001-013 ERF ID: 12000038496

Status: COMPLETED

Production Date: 12/05/2023 14:11:56 Start Time: 12/05/2023 14:12:03 Finish Time: 12/05/2023 14:20:16

RecipeCode: 9000001849 Recipe Name: C280/350/0P-C/Fiber/HST Cubics (m³): 8.00
 For Customer: الإيجيت ستن للبناء والتركيبات (TAT: 1000273)

for Contractor: العلمين (VAT: 4)

Truck: TM156 Driver: عادل عبد السلام VAT: 3467

Cycles: 5 Production Time: 07:35

[illegible]

Production [23051100001-010] of Factory 1

12/05/2023 08:38:08

Status: COMPLETED

: 1000273)

111

3774)

[illegible]

Cohesion (kN/m ²):	10.3	Water/Cement Ratio (Tar.):	0.429	Water/Cement Ratio (Act.):	0.429	Total Produced Concrete (kg)	19333
Ambient Temperature during mix:	20.00 °C	Mixture Temperature during mix:	20.00 °C				

UNIMIX

Production [23051100001-011] of Factory 1

Date and Time of Printout: 12/05/2023 - 08:59:10

Production Date: 12/05/2023 08:49:55 Start Time: 12/05/2023 08:50:01 Finish Time: 12/05/2023 08:59:39

Production: 23051100001-011 ERP ID: 12000038496 Status: COMPLETED

RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00

for Customer: العميل (VAT: 4)

for Contractor: العميل (VAT: 4)

Truck: TM193 Driver: ممدوح حسن ممدوح (VAT: 4473)

Cycles: 5 Production Time: 09:01

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1030000456	SAND	1201	kg	820	6430	6400.0	6391.0	0.0	-15.0	-0.23%	0.03%	0.03%	+0.0	-0.0
1060000401	FI	1502	kg	635	5240	5240.0	5241.0	0.0	0.0	0.00%	0.04%	0.04%	+0.0	-0.0
1060000041	FE	1504	kg	455	3640	3640.0	3631.0	0.0	-5.0	-0.14%	0.08%	0.08%	+0.0	-0.0
Aggregate 1	Total	kg	1910	15280	15280.0	15280.0	15260.0	0.0	-20.0	-0.13%	-	-	+0.0	+0.0
1060000100	OPC/FIB	1303	kg	350.0	2800.0	2805.0	2796.0	0.0	-4.0	-0.14%	-	-	-	-
Cement	Total	kg	350.0	2800.0	2800.0	2796.0	0.0	0.0	-4.0	-0.14%	-	-	-	-
1060000052	WATER	1201	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.00%	-	-	-	-
Water	Total	kg	150.0	1200.0	1200.0	1200.0	0.0	0.0	0.0	0.00%	-	-	-	-
1030000211	P4FN	1E03	kg	5.000	40.000	40.000	40.000	0.000	0.000	0.00%	-	-	+0.0	-
Additives	Total	kg	5.000	40.000	40.000	40.000	0.000	0.000	0.000	0.00%	-	-	+0.0	-
Production Total	kg	2415.0	19320.0	19320.0	19320.0	19296.0	0.0	0.0	-24.0	-0.12%	-	-	-	-

Cohesion (kw/m³): 7.7 Water/Cement Ratio (Tar.: 0.429 Water/ Cement Ratio (Act.: 0.429 Total Produced Concrete (kg) 19296

Ambient Temperature during rix: 20.00 °C Mixture Temperature during mix: 20.00 °C

UNIMIX

Production [23051100001-016] of Factory 1

Date and Time of printout: 12/05/2023 - 15:01:53
 Production Date: 12/05/2023 14:54:43 Start Time: 12/05/2023 14:54:52 Finish Time: 12/05/2023 15:02:23
 Production: 23051100001-016 ERF ID: 12000038496 Status: COMPLETED
 RecipeCode: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 8.00
 for Contractor: المهندس (VAT: 4) الجيت سون للبتون (VAT: 1000273)
 Truck: TM155 Driver: محمود فايز (VAT: 3246)
 Cycles: 5 Production Time: 06:53

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Mois. %	Abs. %	Existing Water	Absorbd Water
1000000056	SAND 1.6	AO1 kg		830	6430	6400.0	6415.0	0.0	15.0	0.23%	0.0%	0.0%	+0.01	-0.01
1000000040	D1	AO3 kg		655	5240	5240.0	5230.0	0.0	-10.0	-0.19%	0.0%	0.0%	+0.01	-0.01
1000000041	D2	AO4 kg		455	3640	3640.0	3645.0	0.0	5.0	0.14%	0.0%	0.0%	+0.01	-0.01
Aggregate 1	Total	kg		1910	15230	15280.0	15290.0	0.0	10.0	0.07%	--	--	+0.01	+0.01
1000000000	OPC CEMENT	BO3 kg		350.0	2830.0	2800.0	2800.0	0.0	0.0	0.00%				
Cement	Total	kg		350.0	2830.0	2800.0	2800.0	0.0	0.0	0.00%				-0.01
1000000052	WATER	CO1 kg		150.0	1230.0	1200.0	1199.0	0.0	-1.0	-0.08%				-0.01
Water	Total	kg		150.0	1230.0	1200.0	1199.0	0.0	-1.0	-0.08%				+0.01
1000000021	R4PN	DO3 kg		4.500	36.000	36.000	36.000	0.000	0.000	0.00%			+0.01	
Additives	Total	kg		4.500	36.000	36.000	36.000	0.000	0.000	0.00%			+0.01	
Production Total	kg			2414.5	19326.0	19316.0	19325.0	0.0	9.0	0.05%				

Cohesion (kw/m³): 11.7 Water/Cement Ratio (Tar.) 0.429 Water/Cement Ratio (Act.) 0.428 Total Produced Concrete (kg) 19325
 Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

UNIMIX

Production [23051100001-015] of Factory 1

Date and Time of Printout: 12/05/2023 - 14:48:17

Production Date: 12/05/2023 14:39:45 Start Time: 12/05/2023 14:39:52 Finish Time: 12/05/2023 14:48:46

Production Code: 23051100001-015 ERP ID: 12000038496 Status: COMPLETED

Recipe Code: 9000001849 Recipe Name: C280/350/OPC/Fiber/HST Cubics (m³): 10.00

for Customer: العميل (VAT: 4) إيجيت ستيو للتوريدات (VAT: 1000273)

Truck: TM175 Driver: سلمان عبد الفلاح سلمان (VAT: 5226)

Cycles: 6 Production Time: 08:16

Material Code	Material Name	III	II	Target m³	Target Theor.	Target Corr.	Actual	Manual	Difference	Deviation %	Moist. %	Abs. %	Existing Water	Absorbed Water
1000000056	SAND 1.6	IA01	kg	800	800	8000.0	8000.0	0.0	0.0	0.00%	0.0%	0.0%	+0.0	-0.0
1000000040	D1	IA03	kg	655	6530	3550.0	6570.0	0.0	20.0	0.31%	0.0%	0.0%	+0.0	-0.0
1000000041	D2	IA04	kg	455	4530	4550.0	4550.0	0.0	0.0	0.00%	0.0%	0.0%	+0.0	-0.0
Aggregate 1	Total	kg	1910	19100.0	19100.0	19120.0	0.0	20.0	0.10%	--	--	+	+0.0	+0.0
1000000000	OPC CEMENT	IB03	kg	350.0	3500.0	3525.5	3503.0	0.0	3.0	0.09%				
Cement	Total	kg	350.0	3500.0	3500.0	3503.0	0.0	3.0	0.09%					
1000000052	WATER	IC01	kg	150.0	1500.0	1500.0	1502.0	0.0	2.0	0.13%				-0.0
Water	Total	kg	150.0	1500.0	1500.0	1502.0	0.0	2.0	0.13%					+0.0
1000000021	R4PN	ID03	kg	4.500	45.000	45.000	45.000	0.000	0.000	0.00%			+0.0	
Additives	Total	kg	4.500	45.000	45.000	45.000	0.000	0.000	0.00%				+0.0	
Production Total	kg	2414.5	24145.0	24145.0	24170.0	0.0	25.0	0.10%						

Cohesion (kw/m³): 15.3 Water/Cement Ratio (Tar.) 0.429 Water/ Cement Ratio (Act.) 0.429 Total Produced Concrete (kg) 24170

Ambient Temperature during mix: 20.00 °C Mixture Temperature during mix: 20.00 °C

معلومات عامة عن المؤسسة / General Information			
الاسم / Name	العنوان / Address	البريد الإلكتروني / Email	الهاتف / Phone
مؤسسة خيرية / Charitable Foundation	الرياض، المملكة العربية السعودية / Riyadh, Saudi Arabia	info@foundation.org	+966 11 123 4567
الهدف / Objective	تقديم المساعدات الإنسانية / Providing humanitarian aid		
الأنشطة / Activities	توزيع المواد الغذائية / Distribution of food materials		
التمويل / Funding	تبرعات من المجتمع / Donations from the community		
الخدمات / Services	استشارات في المجال الإنساني / Humanitarian consulting		
العضوية / Membership	أعضاء من مختلف الجنسيات / Members from various nationalities		
الإنجازات / Achievements	مساعدت أكثر من 1000 شخص / Assisted more than 1000 people		
التحديات / Challenges	قلة التمويل / Lack of funding		
الحلول / Solutions	التعاون مع الجهات الحكومية / Cooperation with government bodies		
الخطط المستقبلية / Future plans	توسيع نطاق العمل / Expanding the scope of work		
الشفافية / Transparency	نشر التقارير المالية / Publishing financial reports		
التواصل / Communication	استخدام وسائل التواصل الاجتماعي / Using social media		
البيئة / Environment	محافظة البيئة / Environmental protection		
السلامة / Safety	ضمان سلامة العاملين / Ensuring staff safety		
الخصوصية / Privacy	حماية بيانات المتبرعين / Protecting donors' data		
الحوكمة / Governance	إدارة المؤسسة بحسب القوانين / Managing the foundation according to laws		
الابتكار / Innovation	استخدام التكنولوجيا في العمل / Using technology in work		
التدريب / Training	تدريب الموظفين / Training employees		
التعاون / Collaboration	شراكة مع المؤسسات الخيرية / Partnership with other charities		
الوعي / Awareness	حملات التوعية / Awareness campaigns		
الاستدامة / Sustainability	ضمان استمرارية العمل / Ensuring sustainability		
الشفافية / Transparency	نشر التقارير المالية / Publishing financial reports		
التواصل / Communication	استخدام وسائل التواصل الاجتماعي / Using social media		
البيئة / Environment	محافظة البيئة / Environmental protection		
السلامة / Safety	ضمان سلامة العاملين / Ensuring staff safety		
الخصوصية / Privacy	حماية بيانات المتبرعين / Protecting donors' data		
الحوكمة / Governance	إدارة المؤسسة بحسب القوانين / Managing the foundation according to laws		
الابتكار / Innovation	استخدام التكنولوجيا في العمل / Using technology in work		
التدريب / Training	تدريب الموظفين / Training employees		
التعاون / Collaboration	شراكة مع المؤسسات الخيرية / Partnership with other charities		
الوعي / Awareness	حملات التوعية / Awareness campaigns		
الاستدامة / Sustainability	ضمان استمرارية العمل / Ensuring sustainability		

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444. البركة البركة البركة

عمر القذافي في الأسطول
في أسطول البحر

[illegible]

بعض
بعض الناس الذين هم في
منطقة غرب القلعة
الاستراتيجية - مرسي مطروح
على مهندس ا
في عام 1990

Unit 5