

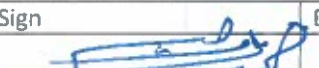
SUBMISSION of TEST RESULTS				

Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 9-12-2023	Time																
	Eng. Samuel wagih			11..00PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>1</td> <td>12</td> <td>2023</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	1	12	2023	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	1	12	2023	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of RC Raft - Reinf Concrete Raft Foundation for Culvert 10 ST B527+124 Casted at 11-11-2023- SAMPLE LOCATION (Sta. 527+124)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.10 from Sta.527+080 To Sta.527+160 KP (Sta. B527+124) SAMPLE LOCATION (Sta. 527+124)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	OK
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	Sw			A
Designer				A
GARB *				
Employers Representative	A2		11/6/24	A

* Alignment / Bridges, Culvert Only

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Trein	Date : 18/11/2023
Client : جيوس	Sample: Cube(15x15x15 cm)
Location: Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **11-Nov-2023**

Type of Curing : Sub in Water

Element: RC RAFT Culvert No : 10 Station (527+124)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8193	18-Nov-2023	7	940	426.008	441
2	8239			1000	453.2	
3	7943			980	444.136	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: شركة بونكوريت (Eng. HOSAM HANNA)
			Signature: 

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 09/12/2023
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm² Area Loaded : 225 Cm²
Casting by : Concrete Team Curing by: Concrete Team
Date of Casting : **11-Nov-2023** Type of Curing : Sub in Water
Element: RC RAFT Culvert No : 10 Station (527+124)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8307	9-Dec-2023	28	1210	548.372	558.9
2	8271			1290	584.628	
3	7954			1200	543.84	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng. HOSSAM HAMZA Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 21-3-2024	Time																
	Eng. Samuel wagih			11..00PM																
Received by ER	A 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>HH</td> <td>MM</td> </tr> <tr> <td>2</td> <td>CU</td> <td>CS</td> <td>7</td> <td>7</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	7	7	2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	7	7	2024	11	00													

CODE-1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE-2	Work Activity		
CODE-3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of RC Slab Part 2- Reinforcement Concrete Slab -Part 2(2 فاصل) for Culvert 10 ST B527+124 Casted at 22-2-2024 SAMPLE LOCATION (Sta. 527+124)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.10 from Sta.527+080 To Sta.527+160 KP (Sta. B527+124) SAMPLE LOCATION (Sta. 527+124)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	S w			A
Designer				A
GARB *				
Employers Representative	A I		1/6/24	A

* Alignment / Bridges: Culvert Only



شركة كونكريت تيم
للخرسانة الجاهزة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Train		Date : 29/02/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **22-Feb-2024**

Type of Curing : Sub in Water

Element: RCSLAB Culvert No : 10 Station (527+124)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm2)	Average Stress (kg/cm2)
1	8360	29-Feb-2024	7	840	380.688	370
2	8370			850	385.22	
3	8020			760	344.432	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			Name: شركة كونكريت تيم Eng. HOSSAM HAMZA
			Signature: إدارة الجودة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 21/03/2024
Client : جيوس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **22-Feb-2024**

Type of Curing : Sub in Water

Element: RCSLAB Culvert No : 10 Station (527+124)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8180	21-Mar-2024	28	1060	480.392	484.9
2	8180			1100	498.52	
3	8310			1050	475.86	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng. MOSSAM HAMZA
			Signature: إدارة الجودة

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 17-4-2024	Time																
	Eng. Samuel wagih			11..00PM																
Received by ER	A2	A	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>2</td> <td>CU</td> <td>CS</td> <td>17</td> <td>1</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	17	1	2024	11	00
				C1	C2	C3	DD	MM	YY	HH	MM									
2	CU	CS	17	1	2024	11	00													

CODE-1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE-2	Work Activity		
CODE-3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of RC Wall & Slab Part 2- Reinforcement Concrete Wall & Slab -Part A (فصل A) for Culvert 10 ST B527+124 Casted at 20-3-2024 SAMPLE LOCATION (Sta. 527+124)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.10 from Sta.527+080 To Sta.527+160 KP (Sta. B527+124) SAMPLE LOCATION (Sta. 527+124)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	Sw			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Train		Date : 27/03/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **20-Mar-2024**

Type of Curing : Sub in Water

Element: RC WALL & SLAB Culvert No : 10 Station (527+124)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8060	27-Mar-2024	7	940	426.008	417
2	7980			920	416.944	
3	8020			900	407.88	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: شركة كوكريت تيم
			Signature: 100359111/cm2

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Trein	Date : 17/04/2024
Client : جيس	Sample: Cube(15x15x15 cm)
Location: Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **20-Mar-2024**

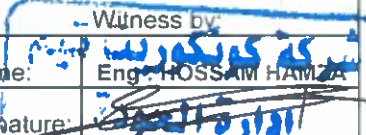
Type of Curing : Sub in Water

Element: RC WALL & SLAB Culvert No : 10 Station (527+124)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8080	17-Apr-2024	28	1040	471,328	515.1
2	8059			1210	548,372	
3	7999			1160	525,712	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng. HOSSAM HAMZA Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 11-7-2023	Time																
	Eng. Samuel wagih			11..00PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>1</td> <td>7</td> <td>2023</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	1	7	2023	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	1	7	2023	11	00													

CODE 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Plain Concrete Foundation for Box Culvert 11 Culvert 528+033 Casted at 13-6-2023 SAMPLE LOCATION (Sta. KP(528+033))			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.11 from Sta.528+020 To Sta.528+060 KP (Sta. KP(528+033)) SAMPLE LOCATION (Sta. KP(528+033))			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C20/200 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges, Culvert Only

Reference: POR.001/2016

Project : **Express Electric Train**

File No. : 0300

Client **جيوس**

Date : 20/06/2023

Location: **Matrouh**

Sample: Cube(15x15x15 cm)

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C20 - 200 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **13-Jun-2023**

Type of Curing : Sub in Water

Element: PC Culvert No :11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	7923	20-Jun-2023	7	590	267.388	266
2	8183			630	285.516	
3	8168			540	244.728	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng. MOHAM HANZA
			Signature: 





شركة كونكريت تيم
للخرسانة الجاهزة

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Trein	Date : 11/07/2023
Client جيس	Sample: Cube(15x15x15 cm)
Location:Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C20 - 200 kg/cm² Area Loaded : 225 Cm²
Casting by : Concrete Team Curing by: Concrete Team
Date of Casting : 13-Jun-2023 Type of Curing : Sub in Water .
Element:PC Culvert No :11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	7998	11-Jul-2023	28	710	321.772	312.7
2	8340			670	303.644	
3	8063			690	312.708	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			Name: Eng : HOSSAM HAMZA
			Signature:

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 12-11-2023	Time																
	Eng. Samuel wagih			11..00PM																
Received by ER	A2	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>2</td> <td>CU</td> <td>CS</td> <td>12</td> <td>11</td> <td>2023</td> <td>11</td> <td>00</td> </tr> </table>		C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	12	11	2023	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	12	11	2023	11	00													

CODE 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Foundation Middle Part for Box Culvert 11 Culvert 528+033 Casted at 15-10-2023 SAMPLE LOCATION (Sta. KP(528+033))			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.11 from Sta.528+020 To Sta.528+060 KP (Sta. KP(528+033)) SAMPLE LOCATION (Sta. KP(528+033))			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A-2		1/6/24	A

* Alignment / Bridges, Culvert Only

Reference: POR.001/2016

Project : **Express Electric Train**

File No. : 0300

Client **جيوس**

Date : 22/10/2023

Location: **Matrouh**

Sample: Cube(15x15x15 cm)

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 , 1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **15-Oct-2023**

Type of Curing : Sub in Water .

Element: RC RAFT Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	7949	22-Oct-2023	7	890	403.348	411
2	7907			930	421.476	
3	8043			900	407.88	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			شركة كونكريت تيم Eng. HOSAM NEMEN إدارة الجودة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 12/11/2023
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm² Area Loaded : 225 Cm²
Casting by : Concrete Team Curing by: Concrete Team
Date of Casting : **15-Oct-2023** Type of Curing : Sub in Water
Element: RC RAFT Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8124	12-Nov-2023	28	1310	593.692	584.6
2	8032			1260	571.032	
3	7944			1300	589.16	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:		Name:	Eng: HOSSAM HAMZA
		Signature:	

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 29-1-2024	Time																
	Eng. Samuel wagih			11.00 PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>2</td> <td>1</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	2	1	2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	2	1	2024	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Foundation Part 1 & 3 (3& 1 الفصلة الطرفية) - RC RAFT Part 1 & 3 for Box Culvert 11 Culvert 528+033 Casted at 1-1 2024 SAMPLE LOCATION (Sta. KP(528+033))			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.11 from Sta.528+020 To Sta.528+060 KP (Sta. KP(528+033)) SAMPLE LOCATION (Sta. KP(528+033))			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	S.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

Reference: POR.001/2016

Project : **Express Electric Train**

File No. : 0300

Client **جيوس**

Date : 08/01/2024

Location: **Matrouh**

Sample: Cube(15x15x15 cm)

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **1-Jan-2024**

Type of Curing : Sub in Water .

Element: RC RAFT Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8240	8-Jan-2024	7	890	403.348	426
2	8089			1020	462.264	
3	8274			910	412.412	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			شركة كوكورت تيم Eng. HOSAM HAMZA Signature: إدارة الجودة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 29/01/2024
Client : جيبوس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm ²	Area Loaded : 225 Cm ²
Casting by : Concrete Team	Curing by: Concrete Team
Date of Casting : 1-Jan-2024	Type of Curing : Sub in Water .

Element:RC RAFT Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8025	29-Jan-2024	28	1400	634.48	557.4
2	8092			1090	493.888	
3	8009			1200	543.84	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng. HOSSAM HANZA
			Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 12-2-2024	Time																
	Eng. Samuel wagih			11.00 PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>12</td> <td>2</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	12	2	2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	12	2	2024	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) RC Wall Part 2- Reinforcement Concrete Wall Part 2(2 نازل) for Box Culvert 11 Culvert 528+033 Casted at 15-1 2024 SAMPLE LOCATION (Sta. KP(528+033))			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.11 from Sta.528+020 To Sta.528+060 KP (Sta. KP(528+033)) SAMPLE LOCATION (Sta. KP(528+033))			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	S.W			A
Designer				A
GARB *				
Employers Representative	A2		11/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016

Project : **Express Electric Trein**

File No. : 0300

Client **جيوس**

Date : 22/01/2024

Location: **Matrouh**

Sample: Cube(15x15x15 cm)

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **15-Jan-2024**

Type of Curing : Sub in Water .

Element: RC WALL Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8240	22-Jan-2024	7	950	430.54	429
2	8300			910	412.412	
3	8200			980	444.136	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			شركة كوكريت تيم Name: Eng. HOSSAM HAMZA Signature: 

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 12/02/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **15-Jan-2024**

Type of Curing : Sub in Water

Element: RC WALL Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8030	12-Feb-2024	28	1205	546	492
2	8080			1050	476	
3	8240			1000	453	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng : Hossam HAMZA Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 2-4-2024	Time																
	Eng. Samuel wagih			11.00 PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td></td> <td></td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS			2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS			2024	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) RC Slab - Reinforcement Concrete Slab Part 1,2&3 (3-2-1 فاصل) for Box Culvert 11-ST528+033 Casted at 5-3 2024 SAMPLE LOCATION (Sta. KP(528+033))			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.11 from Sta.528+020 To Sta.528+060 KP (Sta. KP(528+033)) SAMPLE LOCATION (Sta. KP(528+033))			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Train	Date : 12/03/2024
Client : جيس	Sample: Cube(15x15x15 cm)
Location: Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **5-Mar-2024**

Type of Curing : Sub in Water

Element: RC SLAB Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	7981	12-Mar-2024	7	980	444.136	426
2	8048			940	426.008	
3	8042			900	407.88	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by: شركة كونكريت تيم
Tested by:			Name: Eng. HOSSAM HAMZA
			Signature: 

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 02/04/2024
Client : جيوس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm² Area Loaded : 225 Cm²
Casting by : Concrete Team Curing by: Concrete Team
Date of Casting : **5-Mar-2024** Type of Curing : Sub in Water .
Element: RC SLAB Culvert No : 11 Station (528+033)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm2)	Comb Strength (kg/cm2)	Average Stress (kg/cm2)
1	8190	2-Apr-2024	28	1005	455.466	449.4
2	8220			1020	462.284	
3	8170			950	430.64	

Note:
The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng : HOSSAM HAMZA Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 7-3-2024	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2		STR	<table border="1"> <tr> <th>C1</th> <th>C2</th> <th>C3</th> <th>DD</th> <th>MM</th> <th>YY</th> <th>HH</th> <th>MM</th> </tr> <tr> <td>2</td> <td>CU</td> <td>CS</td> <td>7</td> <td>3</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	7	3	2024	11	00
				C1	C2	C3	DD	MM	YY	HH	MM									
2	CU	CS	7	3	2024	11	00													

CODE 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Wall (4 wall) for Culvert No.12 Sta.528+370 To Sta.528+410 KP(528+389) Casted at 8-2-2024 SAMPLE LOCATION Sta. KP(528+389)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.12 Sta.528+370 To Sta.528+410 KP(528+389) SAMPLE LOCATION Sta. KP(528+389)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Train		Date : 15/02/2024
Client : جيوس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

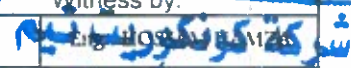
Date of Casting : **8-Feb-2024**

Type of Curing : Sub in Water .

Element: RC WALL Culvert No : 12 Station (528+389)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8140	15-Feb-2024	7	925	419.21	435
2	8240			955	432.806	
3	8170			1000	453.2	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: 
			Signature: 

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Trein	Date : 07/03/2024
Client جيوس	Sample: Cube(15x15x15 cm)
Location: Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm² Area Loaded : 225 Cm²
Casting by : Concrete Team Curing by: Concrete Team
Date of Casting : **8-Feb-2024** Type of Curing : Sub in Water
Element: RC WALL Culvert No : 12 Station (528+389)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8090	7-Mar-2024	28	1200	543.84	512.1
2	8490			1180	534.776	
3	8320			1010	457.732	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng : HOSBAM HAMZA Signature: 

إدارة الجودة

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 19-3-2024	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2	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>2</td> <td>CU</td> <td>CS</td> <td>18</td> <td>1</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>		C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	18	1	2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	18	1	2024	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Wall (5 wall) for Culvert No.12 Sta.528+370 To Sta.528+410 KP(528+389) Casted at 20-2-2024 SAMPLE LOCATION Sta. KP(528+389)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.12 Sta.528+370 To Sta.528+410 KP(528+389) SAMPLE LOCATION Sta. KP(528+389)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	B-K
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges: Culvert Only



شركة كونكريت تيم
للخرسانة الجاهزة

Reference: POR.001/2016	
Project : Express Electric Trein	File No. : 0300
Client جيسوس	Date : 27/02/2024
Location:Matrouh	Sample: Cube(15x15x15 cm)

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm² Area Loaded : 225 Cm²
Casting by : Concrete Team Curing by: Concrete Team
Date of Casting : 20-Feb-2024 Type of Curing : Sub in Water .
Element:RC WALL Culvert No : 12 Station (528+389)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm2)	Average Stress (kg/cm2)
1	7926	27-Feb-2024	7	940	426.008	428
2	8049			910	412.412	
3	8328			980	444.136	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			Name: شركة كونكريت تيم Eng. HOSSAM HAMZA
			Signature: إدارة الجودة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 19/03/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **20-Feb-2024**

Type of Curing : Sub in Water .

Element: RC WALL Culvert No : 12 Station (528+389)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8170	19-Mar-2024	28	1250	566.5	515.1
2	8150			1110	503.052	
3	7940			990	448.668	
4	8030			1120	507.584	
5	8080			1150	521.18	
6	8100			1200	543.84	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng : HOSSAM HAMZA
			Signature:

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 31-3-2024	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2		STR	<table border="1"> <tr> <th>C1</th> <th>C2</th> <th>C3</th> <th>DD</th> <th>MM</th> <th>YY</th> <th>HH</th> <th>MM</th> </tr> <tr> <td>2</td> <td>CU</td> <td>CS</td> <td>31</td> <td>3</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	31	3	2024	11	00
				C1	C2	C3	DD	MM	YY	HH	MM									
2	CU	CS	31	3	2024	11	00													

CODE 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Slab for Culvert No.12 Sta.528+370 To Sta.528+410 KP(528+389) Casted at 3-3-2024 SAMPLE LOCATION Sta. KP(528+389)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.12 Sta.528+370 To Sta.528+410 KP(528+389) SAMPLE LOCATION Sta. KP(528+389)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	OK
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016

Project : **Express Electric Train**

File No. : 0300

Client **جيوس**

Date : 10/03/2024

Location: **Matrouh**

Sample: Cube(15x15x15 cm)

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **3-Mar-2024**

Type of Curing : Sub in Water .

Element: RC SLAB Culvert No : 12 Station (528+389)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8139	10-Mar-2024	7	970	439.604	417
2	8275			900	407.88	
3	8250			890	403.348	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			مركز مختبرات الجاهزة إدارة الجودة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 31/03/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm ²	Area Loaded : 225 Cm ²
Casting by : Concrete Team	Curing by: Concrete Team
Date of Casting : 3-Mar-2024	Type of Curing : Sub in Water .

Element: RC SLAB Culvert No : 12 Station (528+389)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8160	31-Mar-2024	28	1150	521.18	488.7
2	8080			1050	475.86	
3	8260			1040	471.328	
4	8270			1100	498.52	
5	8080			1040	471.328	
6	8130			1090	493.988	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng. MOHAMMAD HAMZA
			Signature: إدارة الجودة

SUBMISSION of TEST RESULTS

الهيئة القومية للإسقاط



Geos
Agents & Distributors
Civil Engineering Products



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 9-10-2023	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>9</td> <td>10</td> <td>2023</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	9	10	2023	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	9	10	2023	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Foundation RC Raft for Culvert No.13 for Sta.528+860 To Sta.528+900 KP(528+875) Casted at 11-9-2023 SAMPLE LOCATION Sta. KP(528+875)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.13 for Sta.528+860 To Sta.528+900 KP(528+875) SAMPLE LOCATION Sta. KP(528+875)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		11/6/24	A

* Alignment / Bridges: Culvert Only



QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: شركة كونكوريث تيم
			Signature: إدارة الجودة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 09/10/2023
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **11-Sep-2023**

Type of Curing : Sub in Water .

Element: RC RAFT Culvert No : 13 Station (528+875)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	7996	9-Oct-2023	28	1100	498.52	524.2
2	8035			1200	543.84	
3	8296			1170	530.244	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng : HOSSAM HAMZA
			Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 26-3-2024	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2	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>2</td> <td>CU</td> <td>CS</td> <td>26</td> <td>3</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>		C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	26	3	2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	26	3	2024	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Slab & Beam – RC Slab & Beams for Culvert No.13 for Sta.528+860 To Sta.528+900 KP(528+875) Casted at 27-2-2024 SAMPLE LOCATION Sta. KP(528+875)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.13 for Sta.528+860 To Sta.528+900 KP(528+875) SAMPLE LOCATION Sta. KP(528+875)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	S.W			A
Designer				A
GARB *				
Employers Representative	A2		11/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 05/03/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 .1983

Mix Description : C40 - 400 kg/cm² Area Loaded : 225 Cm²
 Casting by : Concrete Team Curing by: Concrete Team
 Date of Casting : **27-Feb-2024** Type of Curing : Sub in Water .
 Element: RC SLAB & BEAMES Culvert No : 13 Station (528+875)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8007	5-Mar-2024	7	910	412.412	426
2	8153			980	444.136	
3	7933			930	421.476	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			 Eng. HOSSAM HAMZA ادارة الجودة

Reference: POR.001/2016

Project : **Express Electric Trein**

File No. : 0300

Client **جيوس**

Date : 26/03/2024

Location: **Matrouh**

Sample: Cube(15x15x15 cm)

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **27-Feb-2024**

Type of Curing : Sub in Water .

Element: RC SLAB & BEAMES Culvert No : 13 Station (528+875)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8190	26-Mar-2024	28	1150	521.18	521.2
2	8150			1190	539.308	
3	8000			1110	503.052	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			Name: Eng. HOSNA HANZA Signature: إدارة المختبر

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 21-4-2024	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>21</td> <td>4</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	21	4	2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	21	4	2024	11	00													

CODE - 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of Reinforced Concrete Wing – RC wing for Culvert No.13 for Sta.528+860 To Sta.528+900 KP(528+875) Casted at 24-3-2024 SAMPLE LOCATION Sta. KP(528+875)			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert No.13 for Sta.528+860 To Sta.528+900 KP(528+875) SAMPLE LOCATION Sta. KP(528+875)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	O.K
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	S.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 31/03/2024
Client : جيوس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **24-Mar-2024**

Type of Curing : Sub in Water

Element: RC WING Culvert No : 13 Station (528+875)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8248	31-Mar-2024	7	900	407.88	431
2	7986			1000	453.2	
3	8273			950	430.54	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness By:
Tested by:			Name: شركة كوناكورتا
			Signature: إدارة الجودة

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 21/04/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **24-Mar-2024**

Type of Curing : Sub in Water .

Element: RC WING Culvert No : 13 Station (528+875)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8322	21-Apr-2024	28	1340	607.288	548.4
2	8214			1200	543.84	
3	8142			1090	493.988	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by
Tested by:			Name: Eng. HOSSAM HAMZA
			Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 29-2-2024	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>28</td> <td>2</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	28	2	2024	11	00
C1	C2	C3	DD	MM	YY	HH	MM													
2	CU	CS	28	2	2024	11	00													

CODE 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of RC Wall (4 Wall - Reinforcement Concrete Wall for Culvert 14 from Sta.530+160 To Sta.530+220 KP(530+187)) Casted at 1-2-2024 SAMPLE LOCATION KP(530+187))			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert 14 from Sta 530+160 To Sta.530+220 KP(530+187)) SAMPLE LOCATION KP(530+187))			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges. Culvert Only

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Train		Date : 08/02/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **1-Feb-2024**

Type of Curing : Sub in Water

Element: RC WALL Culvert No : 14 Station (530+187)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8150	8-Feb-2024	7	890	403.348	391
2	8120			800	362.56	
3	8210			900	407.88	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by شركة كونكريت تيم Eng. HOSSAM HAMZA
Tested by:			Signature: 

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 29/02/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **1-Feb-2024**

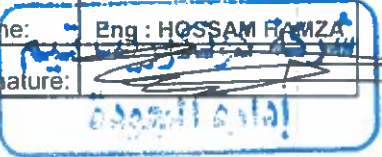
Type of Curing : Sub in Water .

Element: RC WALL Culvert No : 14 Station (530+187)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8350	29-Feb-2024	28	1050	475.86	465.3
2	8010			1080	489.456	
3	8060			950	430.54	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Departmen	Name	Signature	Witness by:
Tested by:			Name: Eng : HOSSAM FAWZI Signature: 

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل												
Issued by Contractor	Name	Sign	Date 7-4-2024	Time												
	Eng. Samuel wagih			11.00PM												
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>7</td> <td>4</td> <td>2024</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	7	4
C1	C2	C3	DD	MM	YY	HH	MM									
2	CU	CS	7	4	2024	11	00									

CODE 1	S1 to S21 Station Reference	D1 to S3 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	TRF Test Result Compressive Strength Test Result (7 Days & 28 Days) of RC Wall & Slab Reinforcement Concrete Wall & Slab for Culvert No.14 from Sta.530+160 To Sta.530+220 KP(530+187)) Casted at 10-3-2024 SAMPLE LOCATION KP(530+187)			
Location of Test	Sector 7 (FOKA TO MATROUH) for for Culvert No.14 from Sta.530+160 To Sta.530+220 KP(530+187)) SAMPLE LOCATION KP(530+187)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C40/400 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	S.w			A
Designer				A
GARB *				
Employers Representative	A2		11/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Train	Date : 17/03/2024
Client : جيس	Sample: Cube(15x15x15 cm)
Location: Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

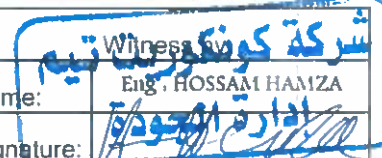
Date of Casting : **10-Mar-2024**

Type of Curing : Sub in Water .

Element: RCLAB WALLS Culvert No : 14 Station (530+187)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm2)	Average Stress (kg/cm2)
1	7952	17-Mar-2024	7	940	426.008	426
2	8237			900	407.88	
3	8102			980	444.136	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	 شركة كونكريت تيم Eng. HOSSAM HAMZA ادارة الجودة
Tested by:			Name: Signature:

Reference: POR.001/2016		File No. : 0300
Project : Express Electric Trein		Date : 07/04/2024
Client : جيس	Sample: Cube(15x15x15 cm)	
Location: Matrouh		

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm ²	Area Loaded : 225 Cm ²
Casting by : Concrete Team	Curing by: Concrete Team
Date of Casting : 10-Mar-2024	Type of Curing : Sub in Water .

Element: RC SLAB WALLS Culvert No : 14 Station (530+187)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8010	7-Apr-2024	28	1000	453.2	491.0
2	7980			1150	521.18	
3	7990			1100	498.52	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng : HOSSAM HAMZA
			Signature:

SUBMISSION of TEST RESULTS



Contractor Company	Geos		Designer Company	مكتب النيل																
Issued by Contractor	Name	Sign	Date 28-11-2023	Time																
	Eng. Samuel wagih			11.00PM																
Received by ER	A2		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>2</td> <td>CU</td> <td>CS</td> <td>28</td> <td>11</td> <td>2023</td> <td>11</td> <td>00</td> </tr> </table>	C1	C2	C3	DD	MM	YY	HH	MM	2	CU	CS	28	11	2023	11	00
				C1	C2	C3	DD	MM	YY	HH	MM									
2	CU	CS	28	11	2023	11	00													

CODE - 1	51 to 521 Station Reference	D1 to 53 Depot Reference	Kp XXX Note For Kilometer point only Start Km is used
CODE - 2	Work Activity		
CODE - 3	Sub Element of Activity		

NB: Package 1 Only (Package 2 via Aconex)				
THE FOLLOWING TEST RESULTS ARE ATTACHED FOR REVIEW				
Description of Test Materials	Compressive Strength Test Result (7 Days & 28 Days) of Plain Concrete Foundation for Culvert 14 from Sta.530+160 To Sta.530+220 KP(530+187)) Casted at 31-10-2023 SAMPLE LOCATION (Sta. KP(530+187))			
Location of Test	Sector 7 (FOKA TO MATROUH) for Culvert 14 from Sta.530+160 To Sta.530+220 KP(530+187)) SAMPLE LOCATION KP(530+187)			
Item	Specification	Test Requirement	Test Result Attachment	Remarks
1	C20/200 Kg/Cm ²	Compressive Strength Test Result (7 Days & 28 Days)	Attached	
2				
3				
4				
5				

Comments by:	Comments by:

APPROVAL STATUS				
Organisation	Name	Sign	Date	A-AWC-R
Contractor	J.W			A
Designer				A
GARB *				
Employers Representative	A2		1/6/24	A

* Alignment / Bridges: Culvert Only

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Trein	Date : 07/11/2023
Client : جيوس	Sample: Cube(15x15x15 cm)
Location: Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm²

Area Loaded : 225 Cm²

Casting by : Concrete Team

Curing by: Concrete Team

Date of Casting : **31-Oct-2023**

Type of Curing : Sub in Water

Element: PC Culvert No : 14 Station (530+187)

Cubic Ident No.	Weight Of Sample	Date of Testing	Age of Cubic (Days)	Comb Strength (kN)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8295	7-Nov-2023	7	930	421.476	450
2	7903			1020	462.264	
3	7907			1030	466.796	

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: شركة كونكريت تيم
			Signature: أحمد الجوردا



شركة كورتا تيم
للخرسانة الجاهزة

Reference: POR.001/2016	File No. : 0300
Project : Express Electric Trein	Date : 28/11/2023
Client جيس	Sample: Cube(15x15x15 cm)
Location:Matrouh	

Compressive Strength
of Cubical Concrete Specimens
Bs 1881 , Part 4 ,1983

Mix Description : C40 - 400 kg/cm² Area Loaded : 225 Cm²
Casting by : Concrete Team Curing by: Concrete Team
Date of Casting : 31-Oct-2023 Type of Curing : Sub in Water .
Element:PC Culvert No : 14 Station (530+187)

Cubic Ident No.	Weight Of Sample	Date Of Testing	Age of Cubic (Days)	Comb Strength (kN/cm ²)	Comb Strength (kg/cm ²)	Average Stress (kg/cm ²)
1	8346	28-Nov-2023	28	1250	566.5	552.9
2	8013			1310	593.692	
3	8300			1100	498.52	

Note:

The concrete specimens have been cured according to (ASTM C31)

QC/QA Department	Name	Signature	Witness by:
Tested by:			Name: Eng. HOSSAM HAMZA
			Signature: إدارة الجودة