

To: Mr. Maqsood Alam, Senior Manager (Civil) Systems Limited Lahore.

Project: Construction of Rear Tower Systems Limited.

Our Ref. No. CL/C	CED/ 802	Dated:	02-01-23	Test Specification
Your Ref. No.	SYS-RT-UET-015	Dated:	30-12-22	(ASTM C39)

COMPRESSION TEST REPORT



ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

4503 Dr. Umbreen

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	30)/12/2	2022	Tested on:	02-0)1-23	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5th Floor Slab	26	11	2022	6Diax12		13.2	28.28	73	5782		Non Engraved
2	5th Floor Slab	26	11	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
3	5th Floor Slab	26	11	2022	6Diax12		13.4	28.28	75	5941		Non Engraved
4												
5						NHNE	RING					
6					🔪	READ IN	2071					
7						OF THY GRATES	زیجب اندکی خلق ر	£2				
8					S.R. 1							
9								~				
10							IDR <u>F.</u>					
11												
12												
13												
14												
15												
16												
Witness	od by: Nil											

witnessea by: Nii

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)



ORIGINAL									
A carbon copy for									
the report has									
been retained in									
the lab for record.									

4484 Dr. Umbreen

To: Mr. Khalid M. Noon

0

Project: Construction of 211C, Phase 8 DHA, Lahore.

Our Ref. No. CL/C	ED/ 803	Dated:	02-01-23	Test Specification
Your Ref. No.	211C/03	Dated:	27-12-22	(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Sr. No. Mark* C_{array} C_{array} Size Weight (Kg/ gms) Dry (Kg/ gms) Area of (Kg/ gms) Ultimate (Inp. Tons) Water (Inp. Tons) Marker (Kg/ gms) Remarks 1 (11:2:4) 17 12 2022 6Diax12 12.4 28.28 23 1822 Non Engraved 2 (1:2:4) 17 12 2022 6Diax12 12.6 28.28 21 1663 Non Engraved 3 12.6 28.28 21 1663 Non Engraved 4	Specime	ens received on:	28	8/12/2	2022	Tested on:	02-0)1-23	in dry/wet condition				ONLINE REPORT
1 (1:2:4) 17 12 2022 6Diax12 12.4 28.28 23 1822 Non Engraved 2 (1:2:4) 17 12 2022 6Diax12 12.6 28.28 21 1663 Non Engraved 3 <td>Sr. No.</td> <td>Mark*</td> <td>Cas DD</td> <td>ting MM</td> <td>Date* YYYY</td> <td>Size (in)</td> <td>Wet Weight (Kg/ gms)</td> <td>Dry Weight (Kg/ gms)</td> <td>Area of X-Section (Sq. in)</td> <td>Ultimate load (Imp.Tons)</td> <td>Ultimate Stress (psi)</td> <td>Water Absorpti on (%)</td> <td>Remarks</td>	Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
2 (1:2:4) 17 12 2022 6Diax12 12.6 28.28 21 1663 Non Engraved 3 </td <td>1</td> <td>(1:2:4)</td> <td>17</td> <td>12</td> <td>2022</td> <td>6Diax12</td> <td></td> <td>12.4</td> <td>28.28</td> <td>23</td> <td>1822</td> <td></td> <td>Non Engraved</td>	1	(1:2:4)	17	12	2022	6Diax12		12.4	28.28	23	1822		Non Engraved
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2	(1:2:4)	17	12	2022	6Diax12		12.6	28.28	21	1663		Non Engraved
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3												
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	4												
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	5						THNE	RING					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	6					-	READIN						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7						OF THY CORD WHO CREATES	زیجب اندکی خلق ر					
9	8					S.R. 1							
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9					-	-		~				
11 .	10					-	-IA	DR					
12 13 14 15	11												
13 14 15	12												
14 15	13												
15	14												
	15												
16	16												

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for
the report has
been retained in
the lab for record.

4504 Dr. Umbreen

To:	Site Engineer ENAARA Developers.			
	Project:Nill			
	Our Ref. No. CL/CED/ 804-1 of 2	Dated:	02-01-23	Test Specification
	Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	30)/12/2	2022	Tested on:	02-0)1-23	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	30	11	2022	6Diax12		14	28.28	49	3881		Non Engraved
2	4000 Psi	30	11	2022	6Diax12		14	28.28	90	7129		Non Engraved
3	6000 Psi	26	12	2022	6Diax12		14	28.28	75	5941		Non Engraved
4	6000 Psi	26	12	2022	6Diax12		13.4	28.28	77	6099		Non Engraved
5						WHINE	RIA S					
6						READIN						
7						OF THY GRAD WHO OREATES	زیجب اندنی خلق ر					
8					S.R. 1							
9								~				
10							DR					
11												
12												
13												
14												
15												
16												
Witnoog	od by: Nil											

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for
the report has
been retained in
the lab for record.

4504 Dr. Umbreen

To: Site Engineer. ENAARA Developers. Project: Nil Our Ref. No. CL/CED/ 804-2 of 2 Your Ref. No. Nil

Dated: Dated:

.

02-01-23 Nil Test Specification

(----)



COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	3	0-12 ⁻	-22	Tested on:	02-0	01-23	in dry/we	t condition			16608890
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kq/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Solid Block				11.9 x 5.9 x 8		20.6	70.21	53	1691		
2	Solid Block				12 x 6 x 8		19	72	31	964		
3												
4												
5						NHNE	RING			-		
6					>	READ IN	2071					
7						OF THY BORD WHO CREATES	ریجب اندمی خلق ر	I FCH				
8					583			i Na		-		
9						20	1			-		
10							ORL			-		
11												
12												
13												
14												
15												
16												
Witness	ad by											

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



ORIGINAL
A carbon copy for
the report has
been retained in
the lab for record.

4483

Dr. Umbreen Dated: 02-01-23 <u>Test Specification</u>

Our Ref. No. CL/CED/ 805 Your Ref. No. VA/29/55

To:

Mr. Waqas Ali Variant. Project: Nil

Dated:

27-12-22

Test Specificatio

(ASTM C39)



COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	27	/12/2	2022	Tested on:	02-0	01-23	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Upper Basement (Raft Pour-5)F.1	18	11	2022	6Diax12		14	28.28	67	5307		Non Engraved
2	Upper Basement (Raft Pour-5)F,1	18	11	2022	6Diax12		13.2	28.28	73	5782		Non Engraved
3	Upper Basement (Raft Pour-5)F,1	18	11	2022	6Diax12		13.8	28.28	65	5149		Non Engraved
4												
5						WHINE	RING A					
6						READIN	2071					
7						OF THY GRATES	زیجب اندکی خلق ر	£2				
8					S.R. 1							
9								~				
10							IDR <u>E.</u>					
11												
12												
13												
14												
15												
16												
Witness	ad by Mr M Kbu		CNI	C # 2E	204 2459600 0					-		

Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



			Dr. Umbreen
Mr. Waqas Ali Variant.			
Project: Nill			
Our Ref. No. CL/CED/ 806	Dated:	02-01-23	Test Specification
Your Ref. No. VA/29/54	Dated:	27-12-22	(ASTM C39)

ORIGINAL

the report has

4483

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	27	/12/2	2022	Tested on:	02-0)1-23	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas DD	ting MM	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Upper Basement (Raft Pour-4)	11	11	2022	6Diax12		14	28.28	81	6416		Non Engraved
2	Upper Basement (Raft Pour-4)	11	11	2022	6Diax12		14	28.28	83	6574		Non Engraved
3	Upper Basement (Raft Pour-4)	11	11	2022	6Diax12		14	28.28	79	6257		Non Engraved
4												
5						N THINE	RING A					
6)	READIN	2071					
7						OF THY CORD WHO CREATES	ز ب ک اند کی خلق ر	133				
8												
9					2			~				
10						/ A	IOR ^E					
11												
12												
13												
14												
15												
16												
Witnessed by Mr. M. Khurren CNIC # 25204 2459600 0												

Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

To:

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



	Dr. Umbreen

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

4483

Test Specification (ASTM C39)

Project: Nil		
Our Ref. No. CL/CED/ 807	Dated:	02-01-23
Your Ref. No. VA/29/53	Dated:	27-12-22

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	27	/12/2	2022	Tested on:	02-0)1-23	in dry/wet condition		ONLINE REPORT		
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Upper Basement (Raft Pour-3)	10	11	2022	6Diax12		14	28.28	77	6099		Non Engraved
2	Upper Basement (Raft Pour-3)	10	11	2022	6Diax12		14	28.28	81	6416		Non Engraved
3	Upper Basement (Raft Pour-3)	10	11	2022	6Diax12		14	28.28	85	6733		Non Engraved
4												
5						N THINE	RING A					
6)	READIN	2071					
7						OF THY GRAD WHO OREATES	زیجب اندکی خلق ر	£2				
8												
9								~				
10					<	/ A	IOR <u>E</u>					
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

To:

Mr. Waqas Ali Variant.

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.