

Civil Engineering Department

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



2146 Engr. Ubaid

Test Specification

To: Mr. Sh. Mohammad Tariq, Project Manager Alpha Home Apartment, BPS (Pvt.) Ltd. (Republic Engineering Corporation Pvt. Ltd) Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road Lahore Dated: Our Ref. No. CL/CED/ 6266 03-11-21 Your Ref. No. AHA: 14 Dated: 20-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 25-10-21 Tested on: 26-10-21 in dry/wet condition

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
				YYYY	()	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	,	e (70)	
1	Columns (FF)	13	10	2021	6Diax12		13.4	28.28	59	4673		Non-Engraved
2	Columns (FF)	13	10	2021	6Diax12		14	28.28	60	4752		Non-Engraved
3	Columns (FF)	13	10	2021	6Diax12		13.6	28.28	59	4673		Non-Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14			-									
15												
16												

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

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



Civil Engineering Department

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



2146 Engr. Ubaid

Test Specification

To: Mr. Sh. Mohammad Tariq, Project Manager Alpha Home Apartment, BPS (Pvt.) Ltd. (Republic Engineering Corporation Pvt. Ltd.) Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road Lahore Dated: Our Ref. No. CL/CED/ 6267 03-11-21 Your Ref. No. AHA: 13 Dated: 20-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 25-10-21 Tested on: 26-10-21 in dry/wet condition

Sr. No.	Mark*		Casting Date*		Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
				YYYY	(in)		(Kg/ gms)		(Imp.Tons)			
1	G.F Roof Slab	22	9	2021	6Diax12		13.4	28.28	36	2851		Engraved
2	G.F Roof Slab	22	9	2021	6Diax12		14	28.28	36	2851		Engraved
3	G.F Roof Slab	22	9	2021	6Diax12		13.6	28.28	33	2614		Engraved
4												
5			1									
6			1									
7			-									
8			-									
9												
10			1									
11			-									
12			-									
13			1									
14			1									
15												
16			-									

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

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



Civil Engineering Department

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



2153 Dr. Qasim Shaukat

Test Specification

To: Lt Col (Ubaid Ur Rehman ,Retd), SPM (JV) PEC Bldg Proj. NLC Engineers - Tijaarat Developers (JV).

Project: Construction of PEC Regional Office, Lahore. (4th Floor Slab Part-1), 1st Floor Wall).

Our Ref. No. CL/C	ED/ 6268	Dated:	03-11-21
Your Ref. No.	901/NLC-TD (JV)/PEC/383	Dated:	27-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 27-10-21 Tested on: 01-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	1296	29	9	2021	6Diax12		13.4	28.28	83	6574		Non-Engraved
2	1299	29	9	2021	6Diax12		13.4	28.28	87	6891		Non-Engraved
3	1301	29	9	2021	6Diax12		13	28.28	71	5624		Non-Engraved
4												
5												
6												
7												
8												
9			-									
10			-									
11												
12		-	-									
13												
14												
15												
16												

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

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



Civil Engineering Department

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



2158 Dr. Mazhar

Test Specification

To: Mr. Muhammad Azeem (Operation Manager)

Amer Adnan Associates, 17-E-II, Gulberg III, Lahore

Project: Hotel Building at 24-A Block E / 2 at Gulberg III Lahore.

Our Ref. No. CL/	CED/ 6269	Dated:	03-11-21
Your Ref. No.	AAA / 24A / 0057	Dated:	28-10-21

COMPRESSION TEST REPORT



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

03-11-21 in dry/wet condition Specimens received on: 28-10-21 Tested on:

		Cas	ting	Date*	Size	Wet	Dry	Area of	Ultimate	Ultimate	water	
Sr. No.	Mark*				<i>a</i> \	Weight		X-Section		Stress	Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1. (70)	
1	5000 Psi	20	10	2021	6Diax12		14	28.28	41	3248		Engraved
2	5000 Psi	20	10	2021	6Diax12		14	28.28	43	3406		Engraved
3												
4												
5												
6												
7												
8												
9			-									
10			-									
11												
12												
13												
14												
15												
16												
Witnoss	ad bu											

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

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



Civil Engineering Department

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



2157 Dr. Mazhar

Test Specification

To: Mr. Muhammad Azeem (Operation Manager)

Amer Adnan Associates, 17-E-II, Gulberg III, Lahore

Project: Hotel Building at 24-A Block E / 2 at Gulberg III Lahore

Our Ref. No. CL/	CED/ 6270	Dated:	03-11-21
Your Ref. No.	AAA / 24A / 0058	Dated:	28-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 28-10-21 Tested on: 03-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date* YYYY		Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	3000 Psi	29	9	2021	6Diax12		13.4	28.28	31	2455		Engraved
2	3000 Psi	29	9	2021	6Diax12		13.4	28.28	35	2772		Engraved
3												
4												
5												
6												
7												
8		-										
9												
10		-										
11		-										
12												
13												
14												
15												
16												

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

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



Civil Engineering Department

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



2156 Dr. Qasim Shaukat

Test Specification

To: Mr. Altaf Hussain, M.E, (A.S Enterprises).

Contractor; M/S AS Enterprises. (Consultant; AA Associates).

Project: Style Textile Mill Raiwind Road (65 Chak).

Our Ref. No. CL/C	ED/ 6271	Dated:	03-11-21
Your Ref. No.	ASE/04	Dated:	27-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 27-10-21 Tested on: 01-11-21 in dry/wet condition

Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Lab # 408	29	9	21	6x6x6		8	36	45	2800		Non-Engraved
2	Lab # 408	29	9	21	6x6x6		8.4	36	91	5662		Non-Engraved
3	Lab # 408	29	9	21	6x6x6		8.6	36	78	4853		Non-Engraved
4	Lab # 409	29	9	21	6x6x6		8.4	36	94	5849		Non-Engraved
5	Lab # 409	29	9	21	6x6x6		8.6	36	81	5040		Non-Engraved
6	Lab # 409	29	9	21	6x6x6		8.8	36	75	4667		Non-Engraved
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witness	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

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



Civil Engineering Department

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

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

2160 Dr. Qasim Shaukat

Test Specification

To: Mr. Muhammad Saleem (GM)

Professional Construction Services (Pvt.) Ltd.

Project: Construction of TCF School at Jamal Din Wali, Rahim Yar Khan.

Our Ref. No. CL/	CED/ 6272	Dated:	03-11-21	
Your Ref. No.	PCS/21/Eng-123	Dated:	27-10-21	_

COMPRESSION TEST REPORT



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

01-11-21 in dry/wet condition Specimens received on: 28-10-21 Tested on:

		Cas	tina	Date*	Size	Wet	Dry	Area of	Ultimate	Ultimate	Water	
Sr. No.	Mark*	040	ung	Duto	0120	Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ground Floor Roof (1:2:4)	19	9	2021	6x6x6		8.8	36	62	3858		Non-Engraved
2	Ground Floor Roof (1:2:4)	19	9	2021	6x6x6		8.9	36	40	2489		Non-Engraved
3												
4		1	1	-								
5		1	1									
6		1	1	1								
7		1	l									
8		1	ł									
9		1	1	-								
10												
11		1	1									
12		1	ł									
13			-									
14		1	1									
15		1	1									
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

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



Civil Engineering Department

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

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

2166 Dr. Qasim Shaukat

Test Specification

To: Resident Engineer, ESS-I-AAR Consultant

Old Chiniot Road, Chah Tootan Wala, Jhang City.

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-I.

Our Ref. No. CL/CED/ 6273	Dated:	03-11-21
Your Ref. No. 1043	Dated:	03-07-21

COMPRESSION TEST REPORT



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

01-11-21 in dry/wet condition Specimens received on: 28-10-21 Tested on:

Sr. No.	. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Core Wall of Screng, Chamber	4	6	2021	6x6x6		9	36	139	8649		Non-Engraved
2	Core Wall of Screng, Chamber	4	6	2021	6x6x6		9	36	133	8276		Non-Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witnessed 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

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



Civil Engineering Department

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

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

2166 Dr. Qasim Shaukat

Test Specification

To: Resident Engineer, ESS-I-AAR Consultant

Old Chiniot Road, Chah Tootan Wala, Jhang City.

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-I.

Our Ref. No. CL/CED/ 6274	Dated:	03-11-21
Your Ref. No. 1091	Dated:	03-09-21

COMPRESSION TEST REPORT



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

01-11-21 in dry/wet condition Specimens received on: 28-10-21 Tested on:

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Door & Window Lintel Subst. Bldg	5	8	21	6x6x6		8.2	36	87	5413		Non-Engraved
2	Door & Window Lintel Subst. Bldg	5	8	21	6x6x6		8.2	36	47	2924		Non-Engraved
3		-	1									
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Withoused 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

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



Civil Engineering Department

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

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

2166 Dr. Qasim Shaukat

Test Specification

To: Resident Engineer, ESS-I-AAR Consultant

Old Chiniot Road, Chah Tootan Wala, Jhang City.

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-I.

Our Ref. No. CL/CED/ 6275	Dated:	03-11-21
Your Ref. No. 1048	Dated:	07-07-21

COMPRESSION TEST REPORT



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

01-11-21 in dry/wet condition Specimens received on: 28-10-21 Tested on:

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Core Wall of Wet Well	6	6	2021	6x6x6		9	36	114	7093		Non-Engraved
2	Core Wall of Wet Well	6	6	2021	6x6x6		9	36	59	3671		Non-Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witnessed 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

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



Civil Engineering Department

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

_	
Г	ORIGINAL
L	A carbon copy for
L	the report has
L	been retained in
L	the lab for record
L	

2166 Dr. Qasim Shaukat

Test Specification

To: Resident Engineer, ESS-I-AAR Consultant

Old Chiniot Road, Chah Tootan Wala, Jhang City.

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-I.

Our Ref. No. CL/	CED/ 6276	Dated:	03-11-21
Your Ref. No.	1049	Dated:	07-07-21

COMPRESSION TEST REPORT



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

01-11-21 in dry/wet condition Specimens received on: 28-10-21 Tested on:

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of nt X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Core Wall of Pump House	7	6	2021	6x6x6		9	36	149	9271		Non-Engraved
2	Core Wall of Pump House	7	6	2021	6x6x6		8.8	36	91	5662		Non-Engraved
3												
4												
5												
6												
7			-									
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witnessed 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

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



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								

2098 Engr. Ubaid

To: Engr. Shahid Hussain, (Project Director) GC University Faisalabad. Project: Construction of 12 Nos. Three Bed Apartments Category "C" at new Campus Government College University Faisalabad. Dated: Our Ref. No. CL/CED/ 6277-1 of 2 03-11-21 Test Specification GCUF/EC/3637 Your Ref. No. Dated: 13-10-21 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 14-10-21 Tested on: 01-11-21 in dry/wet condition

- - - -

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

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



Civil Engineering Department

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



2098 ٥

To: Engr. Shahid Hussain, (Project Director) GC University Faisalabad Project: Construction of 12 Nos. Three Bed Apartments Category "C" at new Campus Government College University Faisalabad. Dated: Our Ref. No. CL/CED/ 6277-2 of 2 03-11-21 Test Specification GCUF/EC/3637 Your Ref. No. Dated: 13-10-21 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 14-10-21 Tested on: 01-11-21 in dry/wet condition

Mark*	Casting Date*			Size	Wet Weight	Dry Weight		Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Double Line (Machine Made)	-		-	9 x 4.3 x 2.9	3538	3120	38.7	-		13.4	
				8.8 x 4.4 x 3	3402	3004	38.72			13.25	
Double Line (Machine Made)				9.1 x 4.4 x 2.8	3616	3178	40.04			13.78	
				8.9 x 4.3 x 2.9	3460	3062	38.27			13	
Double Line (Machine Made)				8.9 x 4.4 x 2.8	3537	3128	39.16			13.08	
Double Line (Machine Made)				9 x 4.4 x 3	3508	3096	39.6			13.31	
ок				8.8 x 4.3 x 2.9	3335	2940	37.84			13.44	
ок				8.8 x 4.3 x 2.8	3420	3018	37.84			13.32	
ок				8.9 x 4.2 x 2.8	3398	2980	37.38			14.03	
ок	-		-	8.8 x 4.2 x 2.8	3366	2968	36.96			13.41	
ок	1			8.9 x 4.3 x 2.9	3426	3008	38.27	-		13.9	
ок	1			8.9 x 4.2 x 2.8	3452	3028	37.38	-		14	
			-								
	-										
	Double Line (Machine Made) Double Line (Machine Made) Double Line (Machine Made) Double Line (Machine Made) Double Line (Machine Made) Double Line (Machine Made) OK OK OK OK OK OK	Mark* DD Double Line (Machine Made) OK OK OK OK OK	Mark* DD MM Double Line (Machine Made) OK OK	Mark* DD MM YYYY Double Line (Machine Made) OK -	Mark* DD MM YYYY (in) Double Line (Machine Made) 9x 4.3 x 2.9 Double Line (Machine Made) 8.8 x 4.4 x 3 Double Line (Machine Made) 9.1 x 4.4 x 2.8 Machine Made) 8.9 x 4.3 x 2.9 Double Line (Machine Made) 8.9 x 4.3 x 2.9 Double Line (Machine Made) 8.9 x 4.4 x 2.8 OK 8.8 x 4.3 x 2.9 OK 8.8 x 4.3 x 2.9 OK 8.8 x 4.3 x 2.8 OK 8.9 x 4.2 x 2.8 OK 8.9 x 4.3 x 2.9 OK 8.9 x 4.2 x 2.8 OK <td>Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/ gms) Double Line 9 x 4.3 x 2.9 3538 Double Line 9 x 4.3 x 2.9 3538 Double Line 8.8 x 4.4 x 3 3402 Double Line 9.1 x 4.4 x 2.8 3616 Double Line 9.1 x 4.4 x 2.8 3616 Double Line 8.9 x 4.3 x 2.9 3460 Double Line 8.9 x 4.4 x 2.8 3537 Double Line 9.1 x 4.4 x 2.8 3537 Double Line 8.9 x 4.3 x 2.9 3335 OK 8.8 x 4.3 x 2.9 3335 OK 8.8 x 4.3 x 2.8 3420 OK 8.9 x 4.2 x 2.8 3398 OK 8.9 x 4.2 x 2.8</td> <td>Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Double Line 9 x 4.3 x 2.9 3538 3120 Double Line 9 x 4.3 x 2.9 3538 3120 Double Line 8.8 x 4.4 x 3 3402 3004 Double Line 9.1 x 4.4 x 2.8 3616 3178 Double Line 9.1 x 4.4 x 2.8 3616 3062 Machine Made) 8.9 x 4.3 x 2.9 3460 3062 Double Line 8.9 x 4.4 x 2.8 3537 3128 Double Line 8.9 x 4.4 x 2.8 3508 3096 (Machine Made) 8.9 x 4.4 x 2.8 3508 3096 OK 8.8 x 4.3 x 2.9 3335 2940 OK <</td> <td>Mark* Casting Date* Size Weight Weight Weight Weight (Kg/gms) X-Section (Kg/ms) Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 8.8 x 4.4 x 3 3402 3004 38.72 Double Line (Machine Made) 9.1 x 4.4 x 2.8 3616 3178 40.04 Double Line (Machine Made) 8.9 x 4.3 x 2.9 3460 3062 38.27 Double Line (Machine Made) 8.9 x 4.4 x 2.8 3537 3128 39.16 Double Line (Machine Made) 9 x 4.4 x 2.8 3537 3128 39.16 OK 8.9 x 4.3 x 2.9 3335 2940 37.84 OK 8.8 x 4.3 x 2.8 3420 3018 37.84 OK </td> <td>Mark* Casting Date* Size Weight Weight Diff Weight Weight X-Section X-Section load Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 8.8 x 4.4 x 3 3402 3004 38.72 Double Line (Machine Made) 9.1 x 4.4 x 2.8 3616 3178 40.04 Double Line (Machine Made) 8.9 x 4.3 x 2.9 3460 3062 38.27 Double Line (Machine Made) 8.9 x 4.4 x 2.8 35537 3128 39.16 Machine Made) 9 x 4.4 x 3.8 3508 3096 39.6 OK 8.8 x 4.3 x 2.9 3335 2940 37.84 OK <</td> <td>Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) Ioad (Imp.Tons) Stress (psi) Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 8.8 x 4.4 x 3 3402 3004 38.72 Double Line (Machine Made) 9.1 x 4.4 x 2.8 3616 3178 40.04 Double Line (Machine Made) 8.9 x 4.3 x 2.9 3460 3062 38.27 Obuble Line (Machine Made) 8.9 x 4.3 x 2.9 3335 2940 37.84 OK 8.8 x 4.3 x 2.8 3366 2968 36.96 OK</td> <td>Mark* Casting Date* Size Weight Weight (Kg/gms) Weight Weight (Kg/gms) Veight V.Section (Sq. in) Joad Imp.Tons) Weight Absorption (m/s) Do UM </td>	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/ gms) Double Line 9 x 4.3 x 2.9 3538 Double Line 9 x 4.3 x 2.9 3538 Double Line 8.8 x 4.4 x 3 3402 Double Line 9.1 x 4.4 x 2.8 3616 Double Line 9.1 x 4.4 x 2.8 3616 Double Line 8.9 x 4.3 x 2.9 3460 Double Line 8.9 x 4.4 x 2.8 3537 Double Line 9.1 x 4.4 x 2.8 3537 Double Line 8.9 x 4.3 x 2.9 3335 OK 8.8 x 4.3 x 2.9 3335 OK 8.8 x 4.3 x 2.8 3420 OK 8.9 x 4.2 x 2.8 3398 OK 8.9 x 4.2 x 2.8	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Double Line 9 x 4.3 x 2.9 3538 3120 Double Line 9 x 4.3 x 2.9 3538 3120 Double Line 8.8 x 4.4 x 3 3402 3004 Double Line 9.1 x 4.4 x 2.8 3616 3178 Double Line 9.1 x 4.4 x 2.8 3616 3062 Machine Made) 8.9 x 4.3 x 2.9 3460 3062 Double Line 8.9 x 4.4 x 2.8 3537 3128 Double Line 8.9 x 4.4 x 2.8 3508 3096 (Machine Made) 8.9 x 4.4 x 2.8 3508 3096 OK 8.8 x 4.3 x 2.9 3335 2940 OK <	Mark* Casting Date* Size Weight Weight Weight Weight (Kg/gms) X-Section (Kg/ms) Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 8.8 x 4.4 x 3 3402 3004 38.72 Double Line (Machine Made) 9.1 x 4.4 x 2.8 3616 3178 40.04 Double Line (Machine Made) 8.9 x 4.3 x 2.9 3460 3062 38.27 Double Line (Machine Made) 8.9 x 4.4 x 2.8 3537 3128 39.16 Double Line (Machine Made) 9 x 4.4 x 2.8 3537 3128 39.16 OK 8.9 x 4.3 x 2.9 3335 2940 37.84 OK 8.8 x 4.3 x 2.8 3420 3018 37.84 OK	Mark* Casting Date* Size Weight Weight Diff Weight Weight X-Section X-Section load Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 8.8 x 4.4 x 3 3402 3004 38.72 Double Line (Machine Made) 9.1 x 4.4 x 2.8 3616 3178 40.04 Double Line (Machine Made) 8.9 x 4.3 x 2.9 3460 3062 38.27 Double Line (Machine Made) 8.9 x 4.4 x 2.8 35537 3128 39.16 Machine Made) 9 x 4.4 x 3.8 3508 3096 39.6 OK 8.8 x 4.3 x 2.9 3335 2940 37.84 OK <	Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) Ioad (Imp.Tons) Stress (psi) Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 9 x 4.3 x 2.9 3538 3120 38.7 Double Line (Machine Made) 8.8 x 4.4 x 3 3402 3004 38.72 Double Line (Machine Made) 9.1 x 4.4 x 2.8 3616 3178 40.04 Double Line (Machine Made) 8.9 x 4.3 x 2.9 3460 3062 38.27 Obuble Line (Machine Made) 8.9 x 4.3 x 2.9 3335 2940 37.84 OK 8.8 x 4.3 x 2.8 3366 2968 36.96 OK	Mark* Casting Date* Size Weight Weight (Kg/gms) Weight Weight (Kg/gms) Veight V.Section (Sq. in) Joad Imp.Tons) Weight Absorption (m/s) Do UM

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

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