

Civil Engineering Department

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



2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase- II, Mustafa Abad (Laliani), Lahore

Project: Plaza # 62 Mezzanine Slab

Our Ref. No. CL/CE	D/ 6511	Dated:	01-12-21
Your Ref. No.	Nil	Dated:	23-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3000 Psi	13	10	2021	6Diax12		13.2	28.28	45	3564		Non Engraved
2	3000 Psi	13	10	2021	6Diax12		13.6	28.28	43	3406		Non Engraved
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Witness	ad 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.



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2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase- II, Mustafa Abad (Laliani), Lahore

Project: Head Office Column		
Our Ref. No. CL/CED/ 6512	Dated:	01-12-21
Your Ref. No. Nil	Dated:	23-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	. ,	(Kg/ gms)	(Kg/ gms)	,	(Imp.Tons)	,	0.1 (70)	
1	4000 Psi	13	10	2021	6Diax12		13.2	28.28	48	3802		Non Engraved
2	4000 Psi	13	10	2021	6Diax12		13.4	28.28	41	3248		Non Engraved
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14												
15												
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

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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

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2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase - II, Mustafa Abad (Laliani), Lahore

Project: Head Office Column		
Our Ref. No. CL/CED/ 6513	Dated:	01-12-21
Your Ref. No. Nil	Dated:	23-11-21

COMPRESSION TEST REPORT



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

01-12-21 in dry/wet condition Specimens received on: 23-11-21 Tested on:

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	4000 Psi	14	11	2021	6Diax12		13.2	28.28	35	2772		Engraved
2	4000 Psi	14	11	2021	6Diax12		14	28.28	35	2772		Engraved
3			-									
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16												
14/3419 0 0 0	ad 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.

Supervisor (Lab)



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2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase- II, Mustafa Abad (Laliani), Lahore

Project: Head Office Column		
Our Ref. No. CL/CED/ 6514	Dated:	01-12-21
Your Ref. No. Nil	Dated:	23-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-21 Tested on: 01-12-21 in dry/wet condition

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	4000 Psi	16	11	2021	6Diax12		14	28.28	43	3406		Engraved
2	4000 Psi	16	11	2021	6Diax12		13.2	28.28	39	3089		Engraved
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14												
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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.

Supervisor (Lab)



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2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase - II, Mustafa Abad (Laliani), Lahore

Project: Plaza # 62 Mezzanine Slab

Our Ref. No. CL/CI	ED/ 6515	Dated:	01-12-21
Your Ref. No.	Nil	Dated:	23-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet 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	3000 Psi	25	10	2021	6Diax12		13.4	28.28	41	3248		Non-Engraved
2	3000 Psi	25	10	2021	6Diax12		13.8	28.28	44	3485		Non-Engraved
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4			-									
5			-									
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12		-	-									
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14			-									
15			-									
16												
14/3419 0 0 0	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.



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2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase- II, Mustafa Abad (Laliani), Lahore

Project: Plaza # 53 Mezzanine Slab

Our Ref. No. CL/CE	D/ 6516	Dated:	01-12-21
Your Ref. No.	Nil	Dated:	23-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	25	10	2021	6Diax12	(itg/ giiis) 	13	28.28	32	2535		Non-Engraved
2	3000 Psi	25	10	2021	6Diax12		13.4	28.28	35	2772		Non-Engraved
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10				-								
11		1	-									
12		-										
13		-		-								
14		1		-								
15												
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

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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.



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2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase - II, Mustafa Abad (Laliani), Lahore

Project: Construction of Plaza # 62 (Column)

Our Ref. No. CL/CED	0/ 6517	Dated:	01-12-21
Your Ref. No. N	11	Dated:	23-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	18	10	2021	6Diax12	(Ng/ gills) 	(Ng/ gms) 13.8	28.28	55	4356		Non-Engraved
2	4000 Psi	18	10	2021	6Diax12		13.4	28.28	43	3406		Non-Engraved
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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

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2312 Dr. Aqsa

Test Specification

To: Mr. Muhammad Asif (Lt. Col. Retd.), Site Administrator Bismillah Housing Society Phase- II, Mustafa Abad (Laliani), Lahore

Project: Construction of Head Office (GF Slab)

Our Ref. No. CL/C	ED/ 6518	Dated:	01-12-21
Your Ref. No.	Nil	Dated:	23-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 23-11-21 Tested on: 01-12-21 in dry/wet condition

Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
	DD	мм	YYYY	(in)	(Kg/ gms)				(psi)	on (%)	
3000 Psi	2	11	2021	6Diax12		13.2	28.28	33	2614		Engraved
3000 Psi	2	11	2021	6Diax12		13.4	28.28	43	3406		Engraved
3000 Psi	2	11	2021	6Diax12		13.8	28.28	42	3327		Engraved
3000 Psi	2	11	2021	6Diax12		13.4	28.28	41	3248		Engraved
	1	1	I	-							
	1	1	I	-							
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		-									
	3000 Psi 3000 Psi 3000 Psi -	DD 3000 Psi 2 3000 Psi 2 3000 Psi 2 3000 Psi 2 3000 Psi 2	DD MM 3000 Psi 2 11 3000 Psi 2 11	DD MM YYYY 3000 Psi 2 11 2021 3000 Psi 2 11 2021	DD MM YYYY (in) 3000 Psi 2 11 2021 6Diax12 3000 Psi 2 11 2021 6Diax12 <t< td=""><td>DD MM YYYY (in) (Kg/ gms) 3000 Psi 2 11 2021 6Diax12 </td><td>DD MM YYYY (in) (Kg/gms) (Kg/gms) 3000 Psi 2 11 2021 6Diax12 13.2 3000 Psi 2 11 2021 6Diax12 13.4 3000 Psi 2 11 2021 6Diax12 13.4 3000 Psi 2 11 2021 6Diax12 13.8 3000 Psi 2 11 2021 6Diax12 13.4 13.4 13.4 13.4 13.4 13.4 13.4 </td><td>DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 3000 Psi 2 11 2021 6Diax12 13.4 28.28 1 1 1 </td><td>DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 33 3000 Psi 2 11 2021 6Diax12 13.4 28.28 43 3000 Psi 2 11 2021 6Diax12 13.8 28.28 42 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 13.4 28.28 41 <</td><td>DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 33 2614 3000 Psi 2 11 2021 6Diax12 13.4 28.28 43 3406 3000 Psi 2 11 2021 6Diax12 13.4 28.28 42 3327 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248 13.4 28.28 41 3248 <!--</td--><td>DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) on (%) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 33 2614 3000 Psi 2 11 2021 6Diax12 13.4 28.28 43 3406 3000 Psi 2 11 2021 6Diax12 13.4 28.28 42 3327 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248 </td></td></t<>	DD MM YYYY (in) (Kg/ gms) 3000 Psi 2 11 2021 6Diax12 3000 Psi 2 11 2021 6Diax12	DD MM YYYY (in) (Kg/gms) (Kg/gms) 3000 Psi 2 11 2021 6Diax12 13.2 3000 Psi 2 11 2021 6Diax12 13.4 3000 Psi 2 11 2021 6Diax12 13.4 3000 Psi 2 11 2021 6Diax12 13.8 3000 Psi 2 11 2021 6Diax12 13.4 13.4 13.4 13.4 13.4 13.4 13.4	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 3000 Psi 2 11 2021 6Diax12 13.4 28.28 1 1 1	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 33 3000 Psi 2 11 2021 6Diax12 13.4 28.28 43 3000 Psi 2 11 2021 6Diax12 13.8 28.28 42 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 13.4 28.28 41 <	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 33 2614 3000 Psi 2 11 2021 6Diax12 13.4 28.28 43 3406 3000 Psi 2 11 2021 6Diax12 13.4 28.28 42 3327 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248 13.4 28.28 41 3248 </td <td>DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) on (%) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 33 2614 3000 Psi 2 11 2021 6Diax12 13.4 28.28 43 3406 3000 Psi 2 11 2021 6Diax12 13.4 28.28 42 3327 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248 </td>	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp. Tons) (psi) on (%) 3000 Psi 2 11 2021 6Diax12 13.2 28.28 33 2614 3000 Psi 2 11 2021 6Diax12 13.4 28.28 43 3406 3000 Psi 2 11 2021 6Diax12 13.4 28.28 42 3327 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248 3000 Psi 2 11 2021 6Diax12 13.4 28.28 41 3248

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

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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

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2346 Dr. Aqsa

Test Specification

To: Engr. Zaheer ud Din Babar, (Deputy GM Projects) Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/C	ED/ 6519	Dated:	01-12-21
Your Ref. No.	HRLE/SKG/2021/042	Dated:	30-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

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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	T-50 (4000 Psi)	3	11	2021	6Diax12		14	28.28	65	5149		Non-Engraved
2	T-50 (4000 Psi)	3	11	2021	6Diax12		13.2	28.28	68	5386		Non-Engraved
3	T-50 (4000 Psi)	3	11	2021	6Diax12		13.4	28.28	65	5149		Non-Engraved
4												
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9			-									
10			-									
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13												
14												
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16												
14/:410.0.00	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.

Supervisor (Lab)



Civil Engineering Department

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



2346 Dr. Aqsa

Test Specification

To: Engr. Zaheer ud Din Babar, (Deputy GM Projects) Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/C	ED/ 6520	Dated:	01-12-21
Your Ref. No.	HRLE/SKG/2021/043	Dated:	30-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

						1			1			
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	T-51 (4000 Psi)	3	11	2021	6Diax12		13.4	28.28	80	6337		Non-Engraved
2	T-51 (4000 Psi)	3	11	2021	6Diax12		13.4	28.28	77	6099		Non-Engraved
3	T-51 (4000 Psi)	3	11	2021	6Diax12		13.6	28.28	72	5703		Non-Engraved
4												
5												
6												
7												
8												
9			-									
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12												
13												
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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.

Supervisor (Lab)



Civil Engineering Department

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



2346 Dr. Aqsa

Test Specification

To: Engr. Zaheer ud Din Babar, (Deputy GM Projects) Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/C	ED/ 6521	Dated:	01-12-21
Your Ref. No.	HRLE/SKG/2021/044	Dated:	30-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

		1				1			1			
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	T-52 (4000 Psi)	3	11	2021	6Diax12		12.8	28.28	71	5624		Non-Engraved
2	T-52 (4000 Psi)	3	11	2021	6Diax12		13	28.28	77	6099		Non-Engraved
3	T-52 (4000 Psi)	3	11	2021	6Diax12		13.8	28.28	70	5545		Non-Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
\A/: 4m e e e	ad 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.

Supervisor (Lab)



Civil Engineering Department

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



2326 Dr. Aqsa

Test Specification

To: Mr. Asim Ishaq (Principal)

The Trust School, Aamir Town, Harbanspura, Lahore

Project: Construction of Proposed Trust School for Amir Town, Harbanspura, Lahore

Our Ref. No. CL/C	ED/ 6522	Dated:	01-12-21
Your Ref. No.	SBL/2021/UET-TEDDS/1224	Dated:	25-11-21

COMPRESSION TEST REPORT



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

01-12-21 in dry/wet condition Specimens received on: 25-11-21 Tested on:

Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	FF Slab Found. (3000 Psi)	7	9	2021	6Diax12		13	28.28	57	4515		Non-Engraved
2	FF Slab Found. (3000 Psi)	7	9	2021	6Diax12		13.2	28.28	51	4040		Non-Engraved
3												
4			-									
5			-									
6			-									
7												
8												
9												
10			-									
11												
12												
13												
14												
15												
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.



Civil Engineering Department

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



2326 Dr. Aqsa

Test Specification

To: Mr. Asim Ishaq (Principal)

The Trust School, Aamir Town, Harbanspura, Lahore

Project: Construction of Proposed Trust School for Amir Town, Harbanspura, Lahore

Our Ref. No. CL/C	CED/ 6523	Dated:	01-12-21	
Your Ref. No.	SBL/2021/UET-TEDDS/1224	Dated:	25-11-21	

COMPRESSION TEST REPORT



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

01-12-21 in dry/wet condition Specimens received on: 25-11-21 Tested on:

			_	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	GF Slab Found. (3000 Psi)	26	7	2021	6Diax12		13	28.28	71	5624		Non-Engraved
2	GF Slab Found. (3000 Psi)	26	7	2021	6Diax12		13	28.28	69	5465		Non-Engraved
3												
4			1									
5			1						-			
6		1	1						-			
7		1	1						-			
8		1	1						-			
9			1						-			
10		-	1						-			
11			1						-			
12		1	1						-			
13			1									
14			-									
15			-									
16			1									

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



2326 Dr. Aqsa

Test Specification

To: Mr. Asim Ishaq (Principal)

The Trust School, Aamir Town, Harbanspura, Lahore

Project: Construction of Proposed Trust School for Amir Town, Harbanspura, Lahore

Our Ref. No. CL/C	CED/ 6524	Dated:	01-12-21
Your Ref. No.	SBL/2021/UET-TEDDS/1224	Dated:	25-11-21

COMPRESSION TEST REPORT



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

01-12-21 in dry/wet condition Specimens received on: 25-11-21 Tested on:

		Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of	Ultimate	Ultimate	water	D
Sr. No.	Mark*	DD	мм	YYYY	(in)	-	(Kg/ gms)	X-Section (Sq. in)	load (Imp.Tons)	Stress (psi)	Absorpti on (%)	Remarks
1	FF Col. (4500 Psi)	22	8	2021	6Diax12		13.2	28.28	57	4515		Non-Engraved
2	FF Col. (4500 Psi)	22	8	2021	6Diax12		13.2	28.28	65	5149		Non-Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witnoss	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



2350 Dr. Aqsa

Test Specification

To: Mr. Numan Riaz FKA Enterprises, NFC-118, St. No. 2, Block C, Lahore

Project: Nil		
Our Ref. No. CL/CED/ 6525	Dated:	01-12-21
Your Ref. No. Nil	Dated:	30-11-21

COMPRESSION TEST REPORT



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Sr. No.	Mark*	Cas	-	Date*	Size	Wet Weight		Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Slab (7-Days)	22	11	2021	6Diax12		13	28.28	13	1030		Non-Engraved
2	Slab (7-Days)	22	11	2021	6Diax12		13	28.28	14	1109		Non-Engraved
3	Slab (7-Days)	22	11	2021	6Diax12		13	28.28	20	1584		Non-Engraved
4			-									
5			-									
6			-									
7												
8												
9												
10												
11												
12												
13												
14												
15												
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



2354 Dr. Aqsa

Test Specification

To: Mr. Salamat Zia

Husnain Kareemain Residential and Commercial Builders, Plaza 14-A/5 PECHS, Lahore

Project: Construction of Rahim Yar Khan Beacon House

Our Ref. No. CL/CED/ 6526	Dated:	01-12-21
Your Ref. No. Nil	Dated:	30-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 30-11-21 Tested on: 01-12-21 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		31	10	2021	6Diax12		13.8	28.28	54	4277		Non-Engraved
2		31	10	2021	6Diax12		13.2	28.28	44	3485		Non-Engraved
3												
4												
5												
6												
7												
8												
9			-									
10			-									
11												
12			-									
13												
14												
15												
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



2359 Dr. Burhan Sharif

Test Specification (----)

To: Project Manager, The Qube Project

Contractor; GRAINS, Plot # 1580-1571, Targoli Road Adda Plot Raiwind Road, Lahore.

Project: Qube, Divine Gardens.			
Our Ref. No. CL/CED/ 6527	Dated:	01-12-21	
Your Ref. No. Nil	Dated:	26-11-21	

COMPRESSION TEST REPORT



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

Specimens received on: 01-12-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
	Hollow Block (1000 Psi)	-	-		15.8x7.8x8.0		19	60.5	18	666		
2	Hollow Block (1000 Psi)				15.8x3.8x8.0		14.4	43.14	23	1194		
3												
4		1	1									
5		1	1									
6												
7		1	l									
8		1	1									
9		1	1									
10		1	1									
11		1	1									
12		1	ł									
13		1	1									
14		1	1									
15		1	1									
16		-	-									

Witnessed by: Muhammad Hazik Kamran, CNIC # 90406-0171471-9

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

*** 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)