

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.

2282 Dr. Qasim Shaukat

Test Specification

(----)

To: Syed Zahid Hussain, Resident Engineer (M/s Tayyab Manzoor Tarrar TMT) AZ Engineering Associates, Gujrat Residency. (Source Izhar Pavers Pvt. Ltd). Project: Dualization of Road from GT Road (SAMMA) to Gujrat Dinga Road I/C Gujrat Flyover Length=31 Kms in Distt. Gujrat. Group No. III, Km No. 17.53 to 31.03 Including 2Nos. Small Bridges with Approaches. 19-11-21 Our Ref. No. CL/CED/ 6402 Dated: Your Ref. No. RE AZEA/GT-263 Dated: 17-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 18-11-21 Tested on: 19-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Kerb Stone				6 x 6 x 6		8.2	36	61	3796		Cut Cube
2	Kerb Stone				6 x 6 x 6		8.4	36	64	3982		Cut Cube
3	Kerb Stone		-		6 x 6 x 6		8.2	36	74	4604		Cut Cube
4			-									
5			-									
6			-									
7			-									
8			-									
9			-									
10			-									
11												
12			-									
13												
14												
15												
16												
16 Witness												

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

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2274 Dr. Burhan Sharif

To: Premium Concrete Works Shah Khalid Town, Lahore.

Project: Hand Holes			
Our Ref. No. CL/CED/ 6403	Dated:	19-11-21	Test Specification
Your Ref. No. Nil	Dated:	17-11-21	(BS 1881-116)

COMPRESSION TEST REPORT



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

19-11-21 in dry/wet condition Specimens received on: 17-11-21 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		11	10	2021	6x6x6		8.6	36	88	5476		Non Engraved
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witness	od by: Nil											

Witnessed by: Nil

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2274 Dr. Burhan Sharif

To: Premium Concrete Works Shah Khalid Town, Lahore.

Project: Hand Holes			
Our Ref. No. CL/CED/ 6404	Dated:	19-11-21	Test Specification
Your Ref. No. Nil	Dated:	17-11-21	(BS 1881-116)

COMPRESSION TEST REPORT



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

19-11-21 in dry/wet condition Specimens received on: 17-11-21 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		14	10	2021	6x6x6		8.4	36	134	8338		Non Engraved
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witness	od by: Nil						-		-			

Witnessed by: Nil

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Supervisor (Lab)



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2251 Engr. Ubaid

Test Specification

To: Mr. Asif Pervaiz Butt (Resident Engineer) AYQ Developers Pvt. Ltd.

Project: Union Complex			
Our Ref. No. CL/CED/ 6405	Dated:	19-11-21	
Your Ref. No. Nil	Dated:	12-11-21	

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 12-11-21 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	6000 Psi	14	10	2021	6Diax12		14	28.28	78	6178		Non Engraved
2	6000 Psi	14	10	2021	6Diax12		14	28.28	75	5941		Non Engraved
3	6000 Psi	14	10	2021	6Diax12		14	28.28	79	6257		Non Engraved
4	6000 Psi	14	10	2021	6Diax12		14.6	28.28	83	6574		Non Engraved
5	6000 Psi	14	10	2021	6Diax12		14	28.28	78	6178		Non Engraved
6	6000 Psi	14	10	2021	6Diax12		14	28.28	80	6337		Non Engraved
7												
8												
9			-									
10			-									
11												
12												
13												
14												
15												
16												
14/3419 0 0 0	ad by Nil											

Witnessed by: Nil

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2267 Engr. Ubaid

Test Specification

To: (Mr. Umair Magsood) Sub Divisional Officer Buildings Sub Division, Lahore.

Project: Re-Construction of Pipal House A-Block, Lahore.

Our Ref. No. CL/C	ED/ 6406	Dated:	19-11-21
Your Ref. No.	819	Dated:	15-11-21

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 17-11-21 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	3rd Floor Slab (1:2:4)	17	10	2021	6Diax12		14	28.28	48	3802		Engraved
2	3rd Floor Slab (1:2:4)	17	10	2021	6Diax12		14	28.28	41	3248		Engraved
3	3rd Floor Slab (1:2:4)	17	10	2021	6Diax12		14	28.28	48	3802		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/

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2022 Engr. Ubaid

Test Specification

To: M/s CMPak Limited

Nil

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (2nd Floor Roof Slab)

Our Ref. No. CL/C	ED/ 6407	Dated:	19-11-21
Your Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	27-09-21

COMPRESSION TEST REPORT



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

Specimens received on: 04-10-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:2:4)	30	8	2021	(III) 6Diax12	(Kg/ gills) 	(rtg/ gills) 13.8	28.28	(IIIIp. 10115) 93	(psi) 7366		Non Engraved
· ·		50	0	2021			15.0	20.20	35	7300		
2	(1:2:4)	30	8	2021	6Diax12		14	28.28	63	4990		Non Engraved
3												
4			-									
5			1	I								
6			1	I						-		
7			-									
8												
9												
10												
11												
12												
13			-									
14												
15												
16			-									

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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

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2022 Engr. Ubaid

Test Specification

To: M/s CMPak Limited

Nil Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (GF RCC) Our Ref. No. CL/CED/ 6408 Dated: 19-11-21 Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 25-09-21

COMPRESSION TEST REPORT



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

Specimens received on: 04-10-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
-				YYYY	. ,	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	,		
1	(1:2:4)	28	8	2021	6Diax12		14	28.28	44	3485		Non Engraved
2	(1:2:4)	28	8	2021	6Diax12		13.6	28.28	86	6812		Non Engraved
3			1									
4			1									
5			1									
6			1									
7			1									
8			1									
9			1									
10			1									
11			-									
12			1									
13			1									
14			1									
15			-								-	
16			-									

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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

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

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Supervisor (Lab)



Civil Engineering Department

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2022 Engr. Ubaid

Test Specification

To: M/s CMPak Limited Nil

Yo

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (DG PAD 1 & 2) Our Ref. No. CL/CED/ 6409 Deted 19-11-21

IF RET. NO. CL/C	JED/ 6409	Dated:	19-11-21
our Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	22-09-21

COMPRESSION TEST REPORT



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

Specimens received on: 04-10-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	(1:2:4)	25	8	2021	6Diax12		13.6	28.28	44	3485		Engraved
2	(1:2:4)	25	8	2021	6Diax12		14	28.28	64	5069		Non Engraved
3			-									
4			-									
5												
6		-										
7			-									
8			-									
9			-									
10			-									
11			-									
12			-									
13			-									
14												
15												
16												

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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Supervisor (Lab)



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2022 Engr. Ubaid

Test Specification

To: M/s CMPak Limited

Nil Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (DG PAD 3) Our Ref. No. CL/CED/ 6410 Dated: 19-11-21 Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 23-09-21

COMPRESSION TEST REPORT



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

Specimens received on: 04-10-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section	load		Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(1:2:4)	26	8	2021	6Diax12		14	28.28	45	3564		Engraved
2			1									
3			1									
4			1	-								
5			1	-								
6			-	1								
7			-									
8			-	-								
9												
10												
11			-									
12			-	1								
13			-	-								
14												
15												
16			-									

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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Supervisor (Lab)



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2194 Engr. Ubaid

To: M/s CMPak Limited

Nil

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (Column 2nd F to Tie Beam 5 & Column 2nd F to Tie Beam 6) Our Ref. No. CL/CED/ 6411 Dated: 19-11-21 Test Specification Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 24-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
				YYYY	. ,		(Kg/ gms)	(Sq. in) 28.28	(Imp.Tons)			
1	(1:1.5:3)	26	9	2021	6Diax12		14	28.28	74	5861		Non Engraved
2	(1:1.5:3)	26	9	2021	6Diax12		14.2	28.28	47	3723		Non Engraved
3												
4			-									
5			-									
6			-									
7												
8												
9												
10			-									
11												
12												
13			-									
14												
15												
16												

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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2194 Engr. Ubaid

To: M/s CMPak Limited

Nil

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (Column 2nd F to Tie Beam 3 & Column 2nd F to Tie Beam 4) Our Ref. No. CL/CED/ 6412 Dated: 19-11-21 Test Specification Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 23-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	(1:1.5:3)	25	9	2021	6Diax12		14	28.28	76	6020		Non Engraved
2	(1:1.5:3)	25	9	2021	6Diax12		14	28.28	79	6257		Non Engraved
3												
4												
5			-									
6												
7												
8												
9			-									
10												
11												
12												
13												
14												
15												
16			-									

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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2194 Engr. Ubaid

To: M/s CMPak Limited

Nil Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (Column 2nd F to Tie Beam 9 & Column 2nd F to Tie Beam 10) Our Ref. No. CL/CED/ 6413 Dated: 19-11-21 Test Specification Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 26-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 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	(1:1.5:3)	28	9	2021	6Diax12		14	28.28	74	5861		Non Engraved
2	(1:1.5:3)	28	9	2021	6Diax12		14	28.28	71	5624		Non Engraved
3		-	1									
4												
5												
6												
7												
8												
9			-									
10												
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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	r
the report has	
been retained in	
the lab for record	ł.

2194 Engr. Ubaid

To: M/s CMPak Limited

Nil

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (Column 2nd F to Tie Beam 1 & Column 2nd F to Tie Beam 2) Our Ref. No. CL/CED/ 6414 Dated: 19-11-21 Test Specification Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 22-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3)	24	9	2021	6Diax12	(Kg/ gills) 	(rtg/ gills) 14	28.28	(IIIIp. 10115) 57	(psi) 4515		Non Engraved
2	(1:1.5:3)	24	9	2021	6Diax12		14	28.28	69	5465		Non Engraved
	(1.1.3.3)	24	3	2021	ODIAX 12		14	20.20	03	3403		Non Engraved
3												
4												
5												
6												
7												
8												
9			-									
10			-									
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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	r
the report has	
been retained in	
the lab for record	ł.

2194 Engr. Ubaid

To: M/s CMPak Limited

Nil

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore (Column 2nd F to Tie Beam 7 & Column 2nd F to Tie Beam 8) Our Ref. No. CL/CED/ 6415 Dated: 19-11-21 Test Specification Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 25-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(1:1.5:3)	27	9	2021	6Diax12		14	28.28	78	6178		Non Engraved
2	(1:1.5:3)	27	9	2021	6Diax12		14	28.28	73	5782		Non Engraved
3										1		
4				-						1		
5				-						1		
6		1		1						-		
7			-	1								
8			-	-								
9			-									
10			-									
11												
12												
13												
14												
15												
16												
13 14 15 16			 									

Witnessed by: Mr. Usama Majeed (CNIC # 35201-1327513-7) & Mr. Talha Zahid (CNIC # 35202-5630667-3)

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



2196 Engr. Ubaid

Test Specification

To: Mr. Muhammad Khalid Zaman (Resident Engineer) (ECSP PAPA Projects, Central Zone) Engineering Consultancy Services Punjab (Pvt.) Limited, Lahore Project: Supply, Construction, Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (Roof Slab of Filtration Plant in Village 297 GB Gojra Fsd) Our Ref. No. CL/CED/ 6416 Dated: 19-11-21 Your Ref. No. ECSP/PAPA/CZ-FSD-29 Dated: 27-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		1		ΥΥΥΥ	. ,	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	,	0.1.(70)	
1	(1:2:4)	29	9	2021	6Diax12		14	28.28	71	5624		Non Engraved
2	(1:2:4)	29	9	2021	6Diax12		13.4	28.28	21	1663		Non Engraved
3			I									
4		-	I									
5			I									
6			I									
7												
8		-	I									
9												
10			I									
11												
12		1	I									
13			I									
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



2196 Engr. Ubaid

Test Specification

To: Mr. Muhammad Khalid Zaman (Resident Engineer) (ECSP PAPA Projects, Central Zone) Engineering Consultancy Services Punjab (Pvt.) Limited, Lahore Project: Supply, Construction, Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (Roof Slab of Filtration Plant in Village 281 GB Gojra Fsd) Our Ref. No. CL/CED/ 6417 Dated: 19-11-21 Your Ref. No. ECSP/PAPA/CZ-FSD-33 Dated: 31-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	(1:2:4)	3	10	2021	6Diax12		14	28.28	64	5069		Non Engraved
2	(1:2:4)	3	10	2021	6Diax12		13.6	28.28	45	3564		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



2196 Engr. Ubaid

Test Specification

To: Mr. Muhammad Khalid Zaman (Resident Engineer) (ECSP PAPA Projects, Central Zone) Engineering Consultancy Services Punjab (Pvt.) Limited, Lahore Project: Supply, Construction, Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (Roof Slab of Filtration Plant in Village 278 GB Gojra Fsd) Our Ref. No. CL/CED/ 6418 Dated: 19-11-21 Your Ref. No. ECSP/PAPA/CZ-FSD-36 Dated: 01-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	(1:2:4)	4	10	2021	(in) 6Diax12	(r.g/ gms) 	(Kg/ gms) 13	(Sq. in) 28.28	(Imp.Tons) 30	(psi) 2376		Non Engraved
	(1.2.4)	-	10	2021	UDIAX 12		15	20.20	30	2370		Non Engraved
2	(1:2:4)	4	10	2021	6Diax12		13.2	28.28	27	2139		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



2196 Engr. Ubaid

Test Specification

To: Mr. Muhammad Khalid Zaman (Resident Engineer) (ECSP PAPA Projects, Central Zone) Engineering Consultancy Services Punjab (Pvt.) Limited, Lahore Project: Supply, Construction, Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (Roof Slab of Filtration Plant in Village 356 GB Gojra Fsd) Our Ref. No. CL/CED/ 6419 Dated: 19-11-21 Your Ref. No. ECSP/PAPA/CZ-FSD-32 Dated: 31-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	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)	0.1 (70)	
1	(1:2:4)	3	10	2021	6Diax12		13.8	28.28	49	3881		Non Engraved
2	(1:2:4)	3	10	2021	6Diax12		13.6	28.28	55	4356		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



2196 Engr. Ubaid

Test Specification

To: Mr. Muhammad Khalid Zaman (Resident Engineer) (ECSP PAPA Projects, Central Zone) Engineering Consultancy Services Punjab (Pvt.) Limited, Lahore Project: Supply, Construction, Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (Roof Slab of Filtration Plant in Village 420 GB Gojra Fsd) Our Ref. No. CL/CED/ 6420 Dated: 19-11-21 Your Ref. No. ECSP/PAPA/CZ-FSD-31 Dated: 31-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 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	(1:2:4)	3	10	2021	6Diax12		13.6	28.28	60	4752		Non Engraved
2	(1:2:4)	3	10	2021	6Diax12		13.8	28.28	36	2851		Non Engraved
3												
4												
5												
6			1	1								
7			-	1								
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



2196 Engr. Ubaid

Test Specification

To: Mr. Muhammad Khalid Zaman (Resident Engineer) (ECSP PAPA Projects, Central Zone) Engineering Consultancy Services Punjab (Pvt.) Limited, Lahore Project: Supply, Construction, Installation of Water Filtration Plants and Direct Supply in Faisalabad Division (Roof Slab of Filtration Plant in Village 367 GB Gojra Fsd) Our Ref. No. CL/CED/ 6421 Dated: 19-11-21 Your Ref. No. ECSP/PAPA/CZ-FSD-30 Dated: 27-10-21

COMPRESSION TEST REPORT



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

Specimens received on: 03-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:2:4)	29	9	2021	6Diax12	(rtg/ giiis) 	(rtg/ gills) 13.2	28.28	25	1980		Non Engraved
2	(1:2:4)	29	9	2021	6Diax12		13.8	28.28	64	5069		Non Engraved
3												
4												
5			1									
6			1									
7			l									
8			1									
9												
10												
11												
12												
13												
14												
15			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



2232 Engr. Ubaid

Test Specification

To: Engr. Muhammad Bilal Igbal (Project Manager) M. Siddique Sons Building Contractor, Lahore

Project: 113/4-M Quaid e Azam Industrial Estate, Lahore (First Floor columns)

Our Ref. No. CL/0	ED/ 6422	Dated:	19-11-21
Your Ref. No.	Nil	Dated:	10-11-21

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 10-11-21 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	4000 Psi	20	10	2021	6Diax12		14	28.28	50	3960		Engraved					
2	4000 Psi	20	10	2021	6Diax12		13.2	28.28	55	4356		Engraved					
3	4000 Psi	20	10	2021	6Diax12		12.5	28.28	56	4436		Engraved					
4			-														
5			-														
6																	
7			-														
8			-														
9			-														
10																	
11			-														
12			-														
13			-														
14																	
15			-														
16																	
14/3419 0 0 0						Withopped by Ali											

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



2233 Engr. Ubaid

Test Specification

To: Engr. Muhammad Bilal Igbal (Project Manager) M. Siddique Sons Building Contractor, Lahore

Project: Shahrukh Ishaq Farmhouse Bedian Road, Lahore (Bird Cage Slab)

Our Ref. No. CL/	CED/ 6423	Dated:	19-11-21
Your Ref. No.	Nil	Dated:	10-11-21

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 10-11-21 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	3000 Psi	29	10	2021	6Diax12		14	28.28	65	5149		Non Engraved
2	3000 Psi	29	10	2021	6Diax12		14	28.28	57	4515		Non Engraved
3	3000 Psi	29	10	2021	6Diax12		14	28.28	65	5149		Non Engraved
4			-									
5			-									
6												
7			-									
8			-									
9			-									
10			-									
11			-									
12												
13			-									
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.

Supervisor (Lab)



Civil Engineering Department

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



2238 Engr. Ubaid

Test Specification

To: Zubair Ahmed

Zubair Ahmed Engineers & Contractors, Lahore

Project: Construction of Bank Al Habib Allama Iqbal Town Branch Lahore

Our Ref. No. CL/CED/ 6424	Dated:	19-11-21
Your Ref. No. Nil	Dated:	11-11-21

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 11-11-21 Tested on:

Sr. No.	Mark*		_	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		15	10	2021	6Diax12		14.2	28.28	44	3485		Non Engraved
2		15	10	2021	6Diax12		14.2	28.28	53	4198		Non Engraved
3		15	10	2021	6Diax12		14	28.28	51	4040		Non Engraved
4												
5												
6												
7												
8				-								
9				-								
10				-							-	
11				1								
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



2250 Engr. Ubaid

To: Brig. Saeed Ahmed Malik, SI M (R) (Resident Engineer) H&TE Div., Nespak (Pvt.) Ltd. Lahore Project: Metropolitan Corporation Lahore, Repair / Maintenance of PCC Nallah Mouza Lakhoki Shah Abad PP-165, NA-132 Our Ref. No. CL/CED/ 6425 Dated: 19-11-21 Test Specification Your Ref. No. 4084/103/BSAM/104/538 Dated: 04-11-21 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-11-21 Tested on: 18-11-21 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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(1:2:4)	25	8	2021	6Diax12		13.8	28.28	95	7525		Non Engraved
2	(1:2:4)	25	8	2021	6Diax12		13.2	28.28	77	6099		Non Engraved
3	(1:2:4)	25	8	2021	6Diax12		14	28.28	87	6891		Non Engraved
4				-								
5				-								
6				1								
7			1									
8			-	-								
9			-									
10												
11												
12												
13												
14												
15												
16												
Witness	ed 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



2257 Engr. Ubaid

Test Specification

To: Site Engineer **ASTACO Engineers & Contractors**

Project: House # 122-A Cavalry Ground Lahore

Our Ref. No. CL/CED	/ 6426	Dated:	19-11-21
Your Ref. No. Ni	11	Dated:	15-11-21

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 15-11-21 Tested on:

							_	Area of	Ultimate	l lltim of a		
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		3	11	2021	6Diax12		14.6	28.28	43	3406		Engraved
2		3	11	2021	6Diax12		15	28.28	47	3723		Engraved
3												
4												
5												
6												
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.

Supervisor (Lab)



Civil Engineering Department

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



2266 Engr. Ubaid

Test Specification

To: Engr. Zaheer ud Din Babar (Deputy General Manager Projects) Habib Rafiq Engineering (Pvt.) Ltd. Lahore

Project: Construction of Sky Gardens Tower, Lahore (Trial No.44)

Our Ref. No. CL/C	ED/ 6427	Dated:	19-11-21
Your Ref. No.	HRLE/SKG/2021/035	Dated:	16-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-21 Tested on: 18-11-21 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	8000 Psi	20	10	2021	6Diax12		14	28.28	119	9426		Non Engraved
2	8000 Psi	20	10	2021	6Diax12		14	28.28	122	9663		Non Engraved
3	8000 Psi	20	10	2021	6Diax12		14	28.28	126	9980		Non Engraved
4			-									
5			-									
6			-									
7												
8												
9			-									
10			-									
11												
12												
13												
14												
15												
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)



Civil Engineering Department

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



2266 Engr. Ubaid

Test Specification

To: Engr. Zaheer ud Din Babar (Deputy General Manager Projects) Habib Rafiq Engineering (Pvt.) Ltd. Lahore

Project: Construction of Sky Gardens Tower, Lahore (Trial No.45)

Our Ref. No. CL/C	ED/ 6428	Dated:	19-11-21
Your Ref. No.	HRLE/SKG/2021/036	Dated:	16-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-21 Tested on: 18-11-21 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	8000 Psi	21	10	2021	6Diax12		14	28.28	123	9743		Non Engraved
2	8000 Psi	21	10	2021	6Diax12		14	28.28	138	10931		Non Engraved
3	8000 Psi	21	10	2021	6Diax12		14	28.28	132	10455		Non Engraved
4												
5			-									
6			1									
7												
8			-									
9			-									
10			-							-		
11												
12												
13												
14										-		
15												
16										-		
W/itman	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



2266 Engr. Ubaid

Test Specification

To: Engr. Zaheer ud Din Babar (Deputy General Manager Projects) Habib Rafiq Engineering (Pvt.) Ltd. Lahore

Project: Construction of Sky Gardens Tower, Lahore (Trial No.46)

Our Ref. No. CL/C	ED/ 6429	Dated:	19-11-21
Your Ref. No.	HRLE/SKG/2021/037	Dated:	16-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD		YYYY	()	(Kg/ gms)	(Kg/ gms)	,	(Imp.Tons)	,	011 (78)	
1	8000 Psi	21	10	2021	6Diax12		14	28.28	91	7208		Non Engraved
2	8000 Psi	21	10	2021	6Diax12		14.2	28.28	97	7683		Non Engraved
3	8000 Psi	21	10	2021	6Diax12		14	28.28	128	10139		Non Engraved
4												
5												
6				1								
7		-	-	1								
8			-	-								
9			-	-								
10				-								
11		-	-	1								
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



2269 Engr. Ubaid

Test Specification

To: Mr. Talha Javaid (Planning and Coordinating Engineer) Construct ®

Project: Mikail Khan (House No. 177, Scotch Corner, Upper Mall, Lahore)

Our Ref. No. CL/CED/	6430	Dated:	19-11-21
Your Ref. No. Nil		Dated:	14-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-21 Tested on: 18-11-21 in dry/wet condition

-		-										
Sr. No.	Mark*	Cas	ting	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)		(Imp.Tons)		on (%)	
1	3000 Psi	15	10	2021	6Diax12		14	28.28	57	4515		Non Engraved
2	3000 Psi	15	10	2021	6Diax12		13.8	28.28	68	5386		Non Engraved
3												
4												
5												
6			-									
7												
8												
9												
10			-									
11												
12												
13												
14												
15												
16												
14/3419 0 0 0	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.

Supervisor (Lab)



Civil Engineering Department

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



2276 Engr. Ubaid

Test Specification

To: Mr. Muhammad Azeem (Operation Manager) Amer Adnan Associates, Lahore

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

Our Ref. No. CL/C	ED/ 6431	Dated:	19-11-21
Your Ref. No.	AAA/24A/0062	Dated:	17-11-21

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 17-11-21 Tested on:

Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5000 Psi	10	11	2021	6Diax12		14	28.28	38	3010		Engraved
2	5000 Psi	10	11	2021	6Diax12		14	28.28	35	2772		Engraved
3												
4			-									
5			-									
6												
7			1									
8												
9			-									
10			-									
11			-									
12												
13			-									
14			-									
15			-									
16												
14/3419 0 0 0	Withood 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



2276 Engr. Ubaid

Test Specification

To: Mr. Muhammad Azeem (Operation Manager) Amer Adnan Associates, Lahore

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

Our Ref. No. CL/C	ED/ 6432	Dated:	19-11-21
Your Ref. No.	AAA/24A/0063	Dated:	17-11-21

COMPRESSION TEST REPORT



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

18-11-21 in dry/wet condition Specimens received on: 17-11-21 Tested on:

,												
Sr. No.	Mark*	Cas	ting	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	5000 Psi	20	10	2021	6Diax12		14	28.28	30	2376		Engraved
2	5000 Psi	20	10	2021	6Diax12		14	28.28	34	2693		Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
14/:400.000	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



2275 Engr. Ubaid

Test Specification

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd. Lahore

Project: New Apparel Facility, Ferozwatwan (IBS/L-051, Apparel Building)

Our Ref. No. CL	/CED/ 6433	Dated:	19-11-21	
Your Ref. No.	IBS/SD/CT-12	Dated:	16-11-21	

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-21 Tested on: 18-11-21 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 (4)	21	10	2021	6Diax12		14	28.28	60	4752		Non Engraved
2	4000 Psi (5)	21	10	2021	6Diax12		14	28.28	53	4198		Non Engraved
3	4000 Psi (6)	21	10	2021	6Diax12		13.8	28.28	52	4119		Non Engraved
4			-									
5			-									
6			-									
7												
8												
9			-									
10			-									
11												
12												
13												
14												
15												
16												
14/3419 0 0 0	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



2275 Engr. Ubaid

Test Specification

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd. Lahore

Project: New Apparel Facility, Ferozwatwan (IBS/L-051, Apparel Building)

Our Ref. No. CL	/CED/ 6434	Dated:	19-11-21
Your Ref. No.	IBS/SD/CT-13	Dated:	16-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-21 Tested on: 18-11-21 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	4000 Psi (1)	9	11	2021	6Diax12		13.4	28.28	52	4119		Non Engraved
2	4000 Psi (2)	9	11	2021	6Diax12		13.4	28.28	48	3802		Non Engraved
3	4000 Psi (3)	9	11	2021	6Diax12		13.4	28.28	51	4040		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



2270 Engr. Ubaid

Test Specification

To: M R Builders

Suite #1, First Floor, Shadman Plaza Shadman Market, Lahore

Project: Basement Slab at ABL Talwar Chowk Bahria Town Branch Lahore

Our Ref. No. CL/CED/ 6435	Dated:	19-11-21
Your Ref. No. Nil	Dated:	16-11-21

COMPRESSION TEST REPORT



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

Specimens received on: 17-11-21 Tested on: 18-11-21 in dry/wet condition

Sr. No.	Mark*		-	Date* YYYY		Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	28	10	2021	6Diax12		14	28.28	63	4990		Non Engraved
2	4000 Psi	28	10	2021	6Diax12		13.8	28.28	58	4594		Non Engraved
3	4000 Psi	28	10	2021	6Diax12		14	28.28	68	5386		Non Engraved
4												
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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

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

2268 Dr. Qasim Khan

Test Specification

To: Mr. Muhammad Shoaib Alam (General Manager) **Reliance Weaving Mills Limited Lahore**

Project: Nil		
Our Ref. No. CL/CED/ 6436	Dated:	19-11-21
Your Ref. No. Nil	Dated:	17-11-21

COMPRESSION TEST REPORT



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

19-11-21 in dry/wet condition Specimens received on: 17-11-21 Tested on:

Sr. No. Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	water	Remarks
	DD	мм	үүүү	(in)	(Kg/ gms)					on (%)	
Footing (1:2:4) Line # B-C. Grid#1	19	10	2021	6x6x6		8	36	69	4293		Non Engraved
Footing (1:2:4) Line # B-C. Grid#1	19	10	2021	6x6x6		8.4	36	57	3547		Non Engraved
Footing (1:2:4) Line # B-C_ Grid#1	19	10	2021	6x6x6		8.6	36	49	3049		Non Engraved
Drumi (1:1.5:3) Line # E. Grid#25.26	19	10	2021	6x6x6		8.5	36	41	2551		Non Engraved
Drumi (1:1.5:3) Line # F. Grid#25.26	19	10	2021	6x6x6		8.4	36	114	7093		Non Engraved
Drumi (1:1.5:3) Line # E. Grid#25.26	19	10	2021	6x6x6		8.4	36	84	5227		Non Engraved
Column (1:1.5:3)	18	10	2021	6x6x6		8.4	36	59	3671		Non Engraved
Column (1:1.5:3)	18	10	2021	6x6x6		8.6	36	82	5102		Non Engraved
Column (1:1.5:3)	18	10	2021	6x6x6		8.6	36	49	3049		Non Engraved
	I										
		-									
	I	-									
		1									
		1									
		1									
		1									
	# B-C. Grid#1 Footing (1:2:4) Line # B-C. Grid#1 Footing (1:2:4) Line # E. Grid#25 26 Drumi (1:1.5:3) Line # F. Grid#25 26 Drumi (1:1.5:3) Line # F. Grid#25 26 Column (1:1.5:3) Line # F. Grid # 30 Column (1:1.5:3) Column (1:1.5:3) Line # F. Grid # 30 Column (1:1.5:3) Column (1:1	Mark* DD Footing (1:2:4) Line #B-C. Grid#1 19 Footing (1:2:4) Line #B-C. Grid#1 19 Footing (1:2:4) Line #B-C. Grid#1 19 Drumi (1:1.5:3) Line #E. Grid#25.26 19 Drumi (1:1.5:3) Line #E. Grid#25.26 19 Drumi (1:1.5:3) Line #E. Grid#25.26 19 Column (1:1.5:3) Line #E. Grid#25.26 18 Column (1:1.5:3) Line #E. Grid#3.01 18 Line #E. Grid #.30 18 Line # E. Grid #.30 18 Column (1:1.5:3) Line # 19	Mark* DD MM Footing (1:2:4) Line 19 10 #B-C. Grid#1 19 10 Footing (1:2:4) Line 19 10 #B-C. Grid#1 19 10 Footing (1:2:4) Line 19 10 #B-C. Grid#1 19 10 Drumi (1:1.5:3) Line 19 10 #E. Grid#25 26 19 10 Drumi (1:1.5:3) Line 19 10 #E. Grid#25 26 18 10 Column (1:1.5:3) Line 19 10 Line #E. Grid#30 18 10 Column (1:1.5:3) 18 10 Line #E. Grid #30 10 10 Ince #E. Grid #30 10 11 Ince #E. Grid #30 12 11 Ince #E. Grid #30 12 12	Mark* DD MM YYYY Footing (1:2:4) Line 19 10 2021 Footing (1:2:4) Line 19 10 2021 #B-C. Grid#1 19 10 2021 Footing (1:2:4) Line 19 10 2021 #B-C. Grid#1 19 10 2021 Drumi (1:1.5:3) Line 19 10 2021 Line # E. Grid#25.26 19 10 2021 Column (1:1.5:3) 18 10 2021 Line # E. Grid # 30 18 10 2021 Line # E. Grid # 30 18 10 2021 Line # E. Grid # 30 18 10 2021 Line # E. Grid # 30 18 10 2021 Line # E. Grid # 30 18 10 2021 Line # C. Grid # 30 10	Mark* DD MM YYYY (in) Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 Drumi (1:1.5:3) Line #F. Grid#25 26 19 10 2021 6x6x6 Drumi (1:1.5:3) Line #F. Grid#25 26 19 10 2021 6x6x6 Drumi (1:1.5:3) Line #F. Grid#25 26 19 10 2021 6x6x6 Column (1:1.5:3) Line #F. Grid#25 26 19 10 2021 6x6x6 Column (1:1.5:3) Line #F. Grid#30 18 10 2021 6x6x6 Column (1:1.5:3) 18 10 2021 6x6x6 Line #F. Grid # 30 18 10 2021 6x6x6 Line #F. Grid # 30 18 10 2021 6x6x6 Line #F. Grid # 30 18 10 2021 6x6x6 Line #F. Grid # 30 18 10 2021 6x6x6 <td>Mark* Casting Date* Size Weight DD MM YYY (in) (Kg/ gms) Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 Drumi (1:1.5:3) Line #E Grid#25.26 19 10 2021 6x6x6 Drumi (1:1.5:3) Line #E Grid#25.26 19 10 2021 6x6x6 Column (1:1.5:3) Line #E Grid#25.26 18 10 2021 6x6x6 Column (1:1.5:3) 18 10 2021 6x6x6 Column (1:1.5:3) 18 10 2021 6x6x6 </td> <td>Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/gms) (Kg/gms) Footing (1:2:4) Line 19 10 2021 6x6x6 8 Footing (1:2:4) Line 19 10 2021 6x6x6 8.4 Footing (1:2:4) Line 19 10 2021 6x6x6 8.4 Footing (1:2:4) Line 19 10 2021 6x6x6 8.4 Footing (1:2:4) Line 19 10 2021 6x6x6 8.5 # E. Grid#25.26 19 10 2021 6x6x6 8.4 Drumi (1:1.5:3) Line 19 10 2021 6x6x6 8.4 Column (1:1.5:3) Line 19 10 2021 6x6x6 8.4 Column (1:1.5:3) 18 10 2021 6x6x6 8.6 Line # E. Grid # 30 18 10 2021</td> <td>Mark* Casting Date* Size Weight Weight X-Section Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8 36 Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8.4 36 Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8.4 36 Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8.4 36 Drumi (1:1.5:3) Line # E. Grid#25.26 19 10 2021 6x6x6 8.4 36 Drumi (1:1.5:3) Line # E. Grid#25.26 19 10 2021 6x6x6 8.4 36 Column (1:1.5:3) 18 10 2021 6x6x6 8.4 36 Column (1:1.5:3) 18 10 2021 6x6x6 8.6 36 Line # E. Grid # 30 18 10 2021 6x6x6 </td> <td>Mark* Casting Date* Size Weight Weight Drunt Weight Weight X-Section X-Section load Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8 36 69 Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8.4 36 57 Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8.4 36 57 Footing (1:2:4) Line # B-C. Grid#1 19 10 2021 6x6x6 8.6 36 49 Drumi (1:1.5:3) Line # E. Grid#25.26 19 10 2021 6x6x6 8.4 36 114 Drumi (1:1.5:3) Line # E. Grid#25.26 19 10 2021 6x6x6 8.4 36 84 Column (1:1.5:3) 18 10 2021 6x6x6 8.6 36 82 Line # E. Grid # 30 18 10 2021 6x6x6 <td< td=""><td>Mark* Casting Date* Size Weight Weight Weight Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 8 36 69 4293 Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 8.4 36 57 3547 Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 8.4 36 57 3547 Footing (1:2:4) Line #E. Grid#25.26 19 10 2021 6x6x6 8.6 36 49 3049 Drumi (1:1.5:3) Line #E. Grid#25.26 19 10 2021 6x6x6 8.4 36 114 7093 Drumi (1:1.5:3) Line #E. Grid#25.26 19 10 2021 6x6x6 8.4 36 84 5227 Column (1:1.5:3) 18 10 2021 6x6x6 8.6 36 82</td><td>Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Weight Absorption (psi) Footing (1:2:4) Line #B.C. Grid#1 19 10 2021 6x6x6 8 36 69 4293 Footing (1:2:4) Line #B.C. Grid#1 19 10 2021 6x6x6 8.4 36 57 3547 Footing (1:2:4) Line #B.C. Grid#1 19 10 2021 6x6x6 8.6 36 49 3049 Fording (1:2:4) Line #E. Grid#25 26 19 10 2021 6x6x6 8.6 36 41 2551 Drumi (1:1.5:3) Line #E. Grid#25 26 19 10 2021 6x6x6 8.4 36 84 5227 Drumi (1:1.5:3) Line #E. Grid#25 26 19 10 2021 6x6x6 8.4 36 84 5227 Column (1:1.5:3) Line #E. Grid#3.0 18</td></td<></td>	Mark* Casting Date* Size Weight DD MM YYY (in) (Kg/ gms) Footing (1:2:4) Line #B-C. Grid#1 19 10 2021 6x6x6 Drumi (1:1.5:3) Line #E Grid#25.26 19 10 2021 6x6x6 Drumi (1:1.5:3) Line #E Grid#25.26 19 10 2021 6x6x6 Column (1:1.5:3) Line #E Grid#25.26 18 10 2021 6x6x6 Column (1:1.5:3) 18 10 2021 6x6x6 Column (1:1.5:3) 18 10 2021 6x6x6	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/gms) (Kg/gms) Footing (1:2:4) Line 19 10 2021 6x6x6 8 Footing (1:2:4) Line 19 10 2021 6x6x6 8.4 Footing (1:2:4) Line 19 10 2021 6x6x6 8.4 Footing (1:2:4) Line 19 10 2021 6x6x6 8.4 Footing (1:2:4) Line 19 10 2021 6x6x6 8.5 # E. 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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

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

2272 Dr. Qasim Khan

Test Specification

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

Project: Style Textile Mill Raiwind Road (65 Chak)

Our Ref. No. CL/0	CED/ 6437	Dated:	19-11-21
Your Ref. No.	ASE/05	Dated:	16-11-21

COMPRESSION TEST REPORT



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

19-11-21 in dry/wet condition Specimens received on: 17-11-21 Tested on:

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	Lab # 448 (C30)	20	10	2021	6x6x6		8.4	36	92	5724		Non Engraved
2	Lab # 448 (C30)	20	10	2021	6x6x6		8.8	36	91	5662		Non Engraved
3	Lab # 448 (C30)	20	10	2021	6x6x6		8.2	36	81	5040		Non Engraved
4	Lab # 449 (C30)	20	10	2021	6x6x6		8.4	36	84	5227		Non Engraved
5	Lab # 449 (C30)	20	10	2021	6x6x6		8.6	36	99	6160		Non Engraved
6	Lab # 449 (C30)	20	10	2021	6x6x6		8.6	36	85	5289		Non Engraved
7			-	1								
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



2278 Dr. Qasim Khan

Test Specification

To: Mr. Asif Hayat Bhatti (Sr. Engineer Civil)

Sui Northern Gas Pipelines Ltd. Lahore

Project: Construction of Domestic Meter Inspection Shop at Faisalabad

Our Ref. No. CL/	'CED/ 6438	Dated:	19-11-21
Your Ref. No.	CC/DMIS/FSD	Dated:	17-11-21

COMPRESSION TEST REPORT



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

19-11-21 in dry/wet condition Specimens received on: 18-11-21 Tested on:

Sr. No.	Sr. No. Mark*		Casting 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		30	9	2021	6x6x6		8.8	36	69	4293		Engraved
2		30	9	2021	6x6x6		8.6	36	65	4044		Engraved
3				-								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14											-	
15												
16												
W/itmaaa	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



2280 Dr. Qasim Khan

Test Specification

To: Mr. Sarfraz Rasheed (GM Projects)

Ittefaq Building Solutions Pvt. Ltd. Lahore

Project: Fauji Fresh n Freeze - Sahiwal (Hopper Area Hall Floor)

Our Ref. No. CL/CED/ 6439	Dated:	19-11-21
Your Ref. No. Nil	Dated:	18-11-21

COMPRESSION TEST REPORT



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

19-11-21 in dry/wet condition Specimens received on: 18-11-21 Tested on:

Sr. No.	Sr. No. Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks	
			DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3750 Psi	17	10	2021	6x6x6		9	36	75	4667		Non Engraved	
2	3750 Psi	17	10	2021	6x6x6		9	36	118	7342		Non Engraved	
3	3750 Psi	17	10	2021	6x6x6		9	36	110	6844		Non Engraved	
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.

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

2280 Dr. Qasim Khan

Test Specification

(----)

To: Mr. Sarfraz Rasheed (GM Projects) Ittefaq Building Solutions Pvt. Ltd. Lahore

Project: Fauji Fresh n Freeze - Sahiwal

Our Ref. No. CL/CED/ 6	6440	Dated:	19-11-21
Your Ref. No. Nil		Dated:	18-11-21

COMPRESSION TEST REPORT



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

19-11-21 in dry/wet condition Specimens received on: 18-11-21 Tested on:

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Sr. No. Mark*	Mark*	Casting Date*		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	Rectangular Grey (80mm)			-	7.7x3.8x3.3		3710	29.26	45	3445		
2	Rectangular Grey (80mm)				7.7x3.8x3.0		3365	29.26	60	4593		
3	Rectangular Grey (80mm)				7.7x3.8x3.2		3600	29.26	44	3368		
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16												
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.