

To:

# **Plain and Reinforced Concrete Laboratory Department of Civil Engineering**

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

1614 Dr Mazar

M/s AYQ Developers (P Project: Nil	vt.) Ltd. Lahore.		
Our Ref. No. CL/CED/	4471	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Mr. Asif Pervaiz Butt (Resident Engineer)

27-07-21 Specimens received on:

Tested on:

02-08-21 in dry/wet condition

		Ca	eting	n Dato*	Size	Weight	Area of	Liltimate	Lilitimate	
Sr. No.	Mark*	W	'et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(6000) Psi	12	7	2021	6Diax12	14.2	28.28	73	5790	Non Engraved
2	(6000) Psi	12	7	2021	6Diax12	14	28.28	94	7450	Non Engraved
3	(6000) Psi	12	7	2021	6Diax12	14	28.28	102	8080	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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 comprensive strength

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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

To: Mr. Asif Pervaiz Butt (Resident Engineer) M/s AYQ Developers (Pvt.) Ltd. Lahore. **Project: Nil** 

Our Ref. No. CL/CED/	4472	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

27-07-21 Specimens received on:

Tested on:

02-08-21 in dry/wet condition

		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	w	et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(6000) Psi	15	7	2021	6Diax12	14	28.28	57	4520	Non Engraved
2	(6000) Psi	15	7	2021	6Diax12	14.4	28.28	71	5630	Non Engraved
3	(6000) Psi	15	7	2021	6Diax12	14	28.28	77	6100	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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

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supervisor(lab)

Director/Dy. Director Concrete Laboratory

1614 Dr Mazar



M/a AVO Davialana

To:

# **Plain and Reinforced Concrete Laboratory Department of Civil Engineering**

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

Dr Mazar

1614

Project: Nil	vi.) Liu. Lanore.		
Our Ref. No. CL/CED/	4473	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Mr. Asif Pervaiz Butt (Resident Engineer)

Specimens received on: 27-07-21

Tested on:

02-08-21 in dry/wet condition

Casting Date\* Size Weight Area of Ultimate Ultimate Š Х-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ັດ (gms) (Tons/lbs) (Sq. in) (Psi) 7 2021 1 (6000) Psi 11 6Diax12 14 28.28 86 6820 Non Engraved 2 7 2021 6Diax12 28.28 (6000) Psi 11 14 83 6580 Non Engraved 3 (6000) Psi 11 7 2021 6Diax12 14 28.28 88 6970 Non Engraved 4 5 6 7 8 9 10 11 12 13 14 15

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

16

\*\* 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

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

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

To: Mr. Asif Pervaiz Butt (Resident Engineer) M/s AYQ Developers (Pvt.) Ltd. Lahore. Project: Nil

Our Ref. No. CL/CED/	4474	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:

27-07-21 Tested on:

02-08-21

1 in dry/wet condition

1614

Dr Mazar

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No	Mark*	ſW	'et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(6000) Psi	10	7	2021	6Diax12	14	28.28	81	6420	Non Engraved
2	(6000) Psi	10	7	2021	6Diax12	13.8	28.28	77	6100	Non Engraved
3	(6000) Psi	10	7	2021	6Diax12	13.6	28.28	79	6260	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr Umbreen

M/s Imperium Hospitality	(Pvt.) Ltd. Lah	ore.	
Project: Nil			
		5 (	

Our Ref. No. CL/CED/	4475	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	17-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

		1								
			sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	w	'et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4(8000) Psi	24	5	2021	6Diax12	13.8	28.28	91	7210	Non Engraved
2	5(8000) Psi	24	5	2021	6Diax12	15	28.28	104	8240	Non Engraved
3	6(8000) Psi	24	5	2021	6Diax12	14	28.28	94	7450	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr. Umbreen

M/s Imperium Hospitality (Pvt.) Ltd. Lahore. Project: Nil

Our Ref. No. CL/CED/	4476	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	17-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21

in dry/wet condition

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ö		Cas	sting	j Date"	Size	vveight	Area of	Ultimate	Ultimate	
Sr. N	Mark*	/W	'et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4(8000) Psi	28	5	2021	6Diax12	14.2	28.28	86	6820	Non Engraved
2	5(8000) Psi	28	5	2021	6Diax12	14	28.28	79	6260	Non Engraved
3	6(8000) Psi	28	5	2021	6Diax12	13.6	28.28	83	6580	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr. Umbreen

### M/s Imperium Hospitality (Pvt.) Ltd. Lahore. Project: Nil

Our Ref. No. CL/CED/	4477	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

Casting Date\* Size Weight Area of Ultimate Ultimate Š X-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ັດ (gms) (Sq. in) (Tons/lbs) (Psi) 1 19(8000) Psi 29 5 2021 6Diax12 14 28.28 71 5630 Non Engraved 5 2 20(8000) Psi 29 2021 6Diax12 14 28.28 75 5950 Non Engraved 5 3 21(8000) Psi 29 2021 6Diax12 14.2 28.28 88 6970 Non Engraved 4 5 6 7 8 9 10 11 12 13 14 15 16

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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

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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr. Umbreen

M/s Imperium Hospitality (Pvt.) Ltd. Lahore. **Project: Nil** 

Our Ref. No. CL/CED/	4478	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

		Ca	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	٨	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	24(8000) Psi	1	6	2021	6Diax12	14	28.28	104	8240	Non Engraved
2	23(8000) Psi	1	6	2021	6Diax12	14	28.28	94	7450	Non Engraved
3	21(8000) Psi	1	6	2021	6Diax12	14	28.28	102	8080	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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\*\*\* 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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr. Umbreen

M/s Imperium Hospitality (Pvt.) Ltd. Laho	re.
Project: Nil	

Our Ref. No. CL/CED/	4479	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

		Ca	astin	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4(8000) Psi	2	6	2021	6Diax12	14	28.28	94	7450	Non Engraved
2	5(8000) Psi	2	6	2021	6Diax12	14	28.28	98	7770	Non Engraved
3	6(8000) Psi	2	6	2021	6Diax12	14.4	28.28	96	7610	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr. Umbreen

M/s Imperium Hospitality (Pvt.) Ltd. Lahore. **Project: Nil** 

Our Ref. No. CL/CED/	4480	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

_		Са	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4(8000) Psi	3	6	2021	6Diax12	14.4	28.28	94	7450	Non Engraved
2	5(8000) Psi	3	6	2021	6Diax12	15.8	28.28	102	8080	Non Engraved
3	6(8000) Psi	3	6	2021	6Diax12	15	28.28	102	8080	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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

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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz M/s Imperium Hospitality (Pvt.) Ltd. Lahore.

1668 Dr. Umbreen

Project: Nil	-,		
Our Ref. No. CL/CED/	4481	Dated:	04-08-21

Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

		Са	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	Ν	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	17(8000) Psi	5	6	2021	6Diax12	14	28.28	92	7290	Non Engraved
2	18(8000) Psi	5	6	2021	6Diax12	14	28.28	100	7930	Non Engraved
3	19(8000) Psi	5	6	2021	6Diax12	13.6	28.28	83	6580	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr. Umbreen

M/s Imperium Hospitality (Pvt.) Ltd. Lahore.	
Project: Nil	

Our Ref. No. CL/CED/	4482	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

		Ca	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	OZ Mark*		/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	17(8000) Psi	6	6	2021	6Diax12	14.2	28.28	98	7770	Non Engraved
2	18(8000) Psi	6	6	2021	6Diax12	14.2	28.28	73	5790	Non Engraved
3	19(8000) Psi	6	6	2021	6Diax12	15	28.28	92	7290	Non Engraved
4										
5										
6										
7										
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11										
12										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

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

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supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. M. Shahbaz

1668 Dr. Umbreen

M/s Imperium Hospitality (Pvt.) Ltd. Lahore. **Project: Nil** 

Our Ref. No. CL/CED/	4483	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	27-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

03-08-21 in dry/wet condition

_	o Z Mark*		Casting Date* /Wet Weight		Size	Weight	Area of	Ultimate	Ultimate	
r. No.					(in)	(lbs./gms)	X-Section	load	Stress	Remarks
У			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	2(8000) Psi	8	6	2021	6Diax12	14.4	28.28	120	9510	Non Engraved
2	3(8000) Psi	8	6	2021	6Diax12	14	28.28	102	8080	Non Engraved
3	6(8000) Psi	8	6	2021	6Diax12	14	28.28	104	8240	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. Haris Ali

1663 Engr. Ubaid

### House .1079 Street No. 7 Model Town Islamabad **Project: Construction of Raya Villa 188 DRGCC**

Our Ref. No. CL/CED/	4484	Dated:	04-08-21
Your Ref. No.	Nil	Dated:	03-08-21

### COMPRESSION TEST REPORT

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

Specimens received on:

03-08-21 Tested on:

04-08-21 in dry/wet condition

Sr. No.	Mark*	Ca N	Casting Date* /Wet Weight		Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	(3000) Psi	6	7	2021	6Diax12	13	28.28	21	1670	Engraved
2	(3000) Psi	6	. 7	2021	6Diax12	13.2	28.28	19	1510	Engraved
3	(3000) Psi	3	7	2021	6Diax12	13	28.28	23	1830	Engraved
4	(3000) Psi	3	7	2021	6Diax12	13	28.28	22	1750	Engraved
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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 comprensive strength

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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. Malik Faisal Hussain (Material Engineer)

1672 Dr Mazar

M/s Tetra Engineering (Pvt.) Ltd. Lahore. (Client :Beacon House) Project: Construction of TNS Beacon House 23/E-2, Gulberg III, Lahore.

Our Ref. No. CL/CED/	4485	Dated:	04-08-21
Your Ref. No.	TRM/Lab/00312-21	Dated:	04-08-21

Tested on:

### COMPRESSION TEST REPORT

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

Specimens received on:

04-08-21

04-08-21 in dry/wet condition

		Cas	sting	J Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	w	et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ıs)			(Sq. in)	(Tons/lbs)	(Psi)	
1	P-23 (4000) Psi	14	7	2021	6Diax12	13.8	28.28	33	2620	Engraved
2	P-23 (4000) Psi	14	7	2021	6Diax12	13.4	28.28	35	2780	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. Malik Faisal Hussain (Material Engineer)

1672 Dr Mazar

M/s Tetra Engineering (Pvt.) Ltd. Lahore. (Client : Beacon House) Project: Construction of TNS Beacon House 23/E-2, Gulberg III, Lahore.

Our Ref. No. CL/CED/	4486	Dated:	04-08-21
Your Ref. No.	TRM/Lab/00311-21	Dated:	04-08-21

Tested on:

### COMPRESSION TEST REPORT

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

Specimens received on:

04-08-21

04-08-21 in dry/wet condition

		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	ſW	et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	P-28 (4000) Psi	28	7	2021	6Diax12	14	28.28	41	3250	Engraved
2	P-28 (4000) Psi	28	7	2021	6Diax12	14	28.28	31	2460	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
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13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

\*\* 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 comprensive strength

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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

#### To: Mr. Malik Faisal Hussain (Material Engineer)

1672 Dr Mazar

M/s Tetra Engineering (Pvt.) Ltd. Lahore. (Client : Beacon House) Project: Construction of TNS Beacon House 23/E-2, Gulberg III, Lahore.

Our Ref. No. CL/CED/	4487	Dated:	04-08-21
Your Ref. No.	TRM/Lab/00310-21	Dated:	04-08-21

### COMPRESSION TEST REPORT

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

Specimens received on:

04-08-21 Tested on:

04-08-21 in dry/wet condition

		Cas		ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	P-14 (4000) Psi	3	7	2021	6Diax12	14.4	28.28	59	4680	Engraved
2	P-14 (4000) Psi	3	7	2021	6Diax12	14	28.28	55	4360	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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

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

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

supervisor(lab)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202. 042-99029217

# To: Mr. Malik Faisal Hussain (Material Engineer)

1675 Dr. Mazar

M/s Tetra Engineering (Pvt.) Ltd. Lahore. (Client : Beacon House) Project: Construction of TNS Beacon House 23/E-2, Gulberg III, Lahore.

Our Ref. No. CL/CED/	4488	Dated:	04-08-21
Your Ref. No.	TRM/Lab/00314	Dated:	04-08-21

### COMPRESSION TEST REPORT

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

Specimens received on:

04-08-21 Tested on:

04-08-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*		g Date*	Size	Weight	Area of	Ultimate	Ultimate	
		/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,		(gms)		ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(4000) Psi	14	7	2021	6Diax12	14	28.28	53	4200	Engraved
2	(4000) Psi	14	7	2021	6Diax12	14.2	28.28	51	4040	Engraved
3										
4										
5										
6										
7										
8										
9										
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11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6

\* as engraved on the specimens (if any)

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be interpreted in the light of above factors by the engineer.

supervisor(lab)