

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

#### To: Mr. Adeel Mumtaz

1530 Dr. M. Yousaf

M/s APM (Pvt.) Ltd. Lahore.

Project: Construction of H. No. 302, B Block, DHA Phase V, Lahore.

Our Ref. No. CL/CED/	4327-2 of 2	Dated:	19-07-21
Your Ref. No.	Nil	Dated:	07-07-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:

06-07-2021. Tested on:

16-

16-07-21 in dry/wet condition

		Casting Date*		g Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	N	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	First Floor Slab	5	5 4 2021		6Diax12	13.2	28.28	58	4600	Engraved
2										
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 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

16-07-21 in dry/wet condition

#### To: Sub Divisional Officer

1536 Dr. M.Yousaf

Sub Division NO.17 (M&R) GOR-I, Lahore.

Project: A/A Imrovement of Residence No. 24-Aikman (IGP House) in GOR-I, Lahore.

Our Ref. No. CL/CED/	4364	Dated:	16-07-21
Your Ref. No.	No.656	Dated:	23-06-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:	07-07-2021	Tested on:

		Casting	Sizo	Weight	Area of	Liltimate	Liltimate	
Sr. No.	Mark*	Date* /Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Arrow		8.8x4.2x2.9	3253	36.96	71	4310	
2	Arrow		8.7x4.3x2.9	3208	37.41	49	2940	
3	Arrow		8.6x4.2x2.8	3185	36.12	65	4040	
4	ST1		8.7x4.2x2.8	3151	36.54	45	2760	
5	ST1		8.6x4.3x2.7	2992	36.98	52	3150	
6	ST1		8.6x4.2x2.8	3085	36.12	60	3730	
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. Zahid Naseem (Sr. District Engineer)

1468 Dr. Burhan

#### M/s Humqadam (SCRP) Program IMC WorldWide, Fiaslabad (M/s Geo Engg) Project: Ferro- Cement Overlay District Fiaslabad

Our Ref. No. CL/CE	D/	4365	Dated:	19-07-21
Your Ref. No.	Retro/F	SD/Geo/Engg-02	Dated:	24-06-21

### **COMPRESSION TEST REPORT**

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

Spec	imens received on:	2	25-0	6-21	l ested o	n:	07-07-21	in dry/wet c	ondition	
		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	/W	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	GGPS 38GB	19	5	2021	2x2x2	268	4	8	4410	Mortar Cube
2	GGPS 38GB	19	5	2021	2x2x2	257	4	11.5	6340	Mortar Cube
3	GGPS 38GB	19	5	2021	2x2x2	259	4	9	4960	Mortar Cube
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 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.



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

1484

Dr. M. Yousaf

#### To: Brig. Saeed Ahmed Malik (Resident Engineer) M/s NESPAK(Pvt.) Ltd. Lahore.(Highways and Trasportation Division) Project: Construction of Cover Drain at Dera Shadhoki Nagar and Nagar Village NA-134, PP-70

Our Ref. No. CL/CED/	4366	Dated:	19-07-21
Your Ref. No.	4084/BSAM/104/01/456	Dated:	21-06-21

### COMPRESSION TEST REPORT

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

Spec	Specimens received on:		28-06-21		Tested on:		19-07-21	in dry/wet condition		
No.	Mark*	Casting Date*		Size	Weight	Area of X-	Ultimate	Ultimate	Remarks	
S.	Wark	/ •	VCL	veign	(11)	(103./9113)	Section	1000	01033	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		1	6	2021	6x6x6	13.4	36	58	3610	Non Engraved
2		1	6	2021	6x6x6	13.4	36	92	5730	Non Engraved
3		1	6	2021	6x6x6	13.8	36	110	6850	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. Altaf Hussain (M.E) AS Enterprises, Karachi

1585 Dr. M. Yousaf

Project: Style Textile Raiwind Check 65 Phase 2

Our Ref. No. CL/CED/ 4367 Dated:

Your Ref. No.

19-07-21

Dated: 15-07-21 Style/ASE/03

### COMPRESSION TEST REPORT

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

Specimens received on:

15-07-21

Tested on:

19-07-21 in dry/wet condition

		Casting Date*		sting ate*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	Ν	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	C-20 (262-A)	8	7	2021	6x6x6	8.6	36	99	6160	Non Engraved
2	C-20 (262-B)	8	7	2021	6x6x6	8.6	36	134	8340	Non Engraved
3	C-20 (262-C)	8	7	2021	6x6x6	8.4	36	71	4420	Non Engraved
4	C-20 (263-A)	8	7	2021	6x6x6	8.2	36	63	3920	Non Engraved
5	C-20 (263-B)	8	7	2021	6x6x6	8.4	36	72	4480	Non Engraved
6	C-20 (263-C)	8	7	2021	6x6x6	8.4	36	64	3990	Non Engraved
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

> 1571 Dr. M. Yousaf

#### To: Project Manager

**DCON Construction, Karachi** Project: Construction of Allied Bank Limited, Plot No. 172, DD Block, Phase 4, CCA Commercial Area, **DHA Lahore** 

Our Ref. No. CL/CED/	4368	Dated:	19-07-21
Your Ref. No.	Nil	Dated:	14-07-21

### COMPRESSION TEST REPORT

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

14-07-21

Specimens received on: 14-		14-(	07-21	Tested on:		19-07-21	in dry/wet cond	lition						
ŝr. No.	Mark*	Ca A	Casting Date* /Wet Weight		Casting Date*		Casting Date* /Wet Weight		Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
0,			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)					
1		7	7	2021	6Diax12	13.4	28.28	50	3960	Non Engraved				
2		7	7	2021	6Diax12	13.6	28.28	47	3730	Non Engraved				
3		7	7	2021	6Diax12	13.6	28.28	54	4280	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 comprerssive 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

> 1575 Dr. M. Yousaf

#### 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/CED/	4369	Dated:	19-07-21
Your Ref. No.	AAA/24A/0038	Dated:	14-07-21

### **COMPRESSION TEST REPORT**

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

Spec	imens received on:		14-0	07-21	Tested on:		19-07-21	in dry/wet conc	lition	
-		Ca	Casting 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	5000 Psi	7	7	2021	6Diax12	14	28.28	54	4280	Non Engraved
2	5000 Psi	7	7	2021	6Diax12	13.6	28.28	53	4200	Non 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 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

19-07-21

1556 Dr.Wasim Abbas

CM Engineering (Pvt.) Ltd. Lahore	
Project: CMPAK, Site ID-43443, Drill Pier + Odu Pad	

Our Ref. No. CL/CED/ 4370 Dated: Dated:

Your Ref. No.

To: Mr. Imran Akhtar (Project Manager)

#### CME/Cubes/CMPAK/715 05-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:

12-07-21 Tested on:

15-07-21 in dry/wet condition

		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
ir. No	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	28	6	2021	6x6x6	8.2	36	94	5850	Non Engraved
2	(1:1.5:3)	28	6	2021	6x6x6	8.8	36	104	6480	Non 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 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. Imran Akhtar (Project Manager)

1556 Dr.Wasim Abbas

CM Engineerin Project: CMPA	CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43400, Drill Pier + Odu Pad								
Our Ref. No. CL/0	CED/	4371	Dated:	19-07-21					
Your Ref. No.	CME/Cub	es/CMPAK/714	Dated:	02-07-21					

Your Ref. No.

Dated: 02-07-21

### COMPRESSION TEST REPORT

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

Spec	imens received on:	1	2-0	7-21	Tested o	n:	15-07-21	in dry/wet c	ondition	
-		Cas	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	25	6	2021	6x6x6	8.6	36	108	6720	Non Engraved
2	(1:1.5:3)	25	6	2021	6x6x6	8.4	36	100	6230	Non 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. Imran Akhtar (Project Manager)

1556 Dr. M. Yousaf

CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43406, Drill Pier + Odu Pad								
Our Ref. No. CL/C	ED/ 4	372	Dated:	19-07-21				
Your Ref. No.	CME/Cubes/C	CMPAK/713	Dated:	03-07-21				

### **COMPRESSION TEST REPORT**

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

Spec	imens received on:	1	12-0	7-21	Tested or	n:	19-07-21	in dry/wet c	ondition	
		Ca	stinę	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	26	6	2021	6x6x6	8.6	36	99	6160	Non Engraved
2	(1:1.5:3)	26	6	2021	6x6x6	8.4	36	100	6230	Non 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 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. Imran Akhtar (Project Manager)

1556 Dr. M. Yousaf

	•	0,
CM Engineering	(Pvt.) Lto	d. Lahore

Project: CMPAK, Site ID-43087, Complete Foundation

Our Ref. No. CL/CE	D/	4373	Dated:	19-07-21
Your Ref. No.	CME/Cube	s/CMPAK/712	Dated:	06-07-21

### **COMPRESSION TEST REPORT**

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

Spec	imens received on:	1	12-0	7-21	Tested o	n:	19-07-21	in dry/wet c	ondition	
_		Ca	stinę	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Μ	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	29	6	2021	6x6x6	8.8	36	92	5730	Non Engraved
2	(1:1.5:3)	29	6	2021	6x6x6	8.6	36	90	5600	Non 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 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. M. Farooq (Project Manager)

1556 Dr. M. Yousaf

CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52891, DP+Odu Pad							
Our Ref. No. CL/CED/	4374	Dated:	19-07-21				

Your Ref. No. CME/Cubes/CMPAK/731

Dated: 02-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		12-07-21		Tested on:		19-07-21	in dry/wet condition			
-		Ca	astin	ig 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	(1:1.5:3)	4	6	2021	6x6x6	8.2	36	100	6230	Non Engraved
2	(1:1.5:3)	4	6	2021	6x6x6	8.2	36	102	6350	Non 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. M. Farooq (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

1556 Dr. M. Yousaf

Project: CMPAK, Site ID-53163, DP+Odu Pad

Our Ref. No. CL/CED/ 4375

Your Ref. No. CN

4375 Dated:

19-07-21

CME/Cubes/CMPAK/732 Dated: 04-07-21

# **COMPRESSION TEST REPORT**

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

Specimens received on:

12-07-21 Tested on:

19-0

19-07-21 in dry/wet condition

_		Ca	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	6	6	2021	6x6x6	8	36	78	4860	Non Engraved
2	(1:1.5:3)	6	6	2021	6x6x6	8.2	36	108	6720	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

\* 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. Imran Akhtar (Project Manager)

1556 Dr. M. Yousaf

CM Engineerin Project: CMPA	g (Pvt.) Li K, Site ID	d. Lahore •43372, Drill Pier	+Odu Pad	
Our Ref. No. CL/0	CED/	4376	Dated:	19-07-21
Your Ref. No.	CME/0	Cubes/CMPAK/717	Dated:	05-07-21

### **COMPRESSION TEST REPORT**

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

Spec	imens received on:		12-0	07-21	Tested on	:	19-07-21	in dry/wet c	ondition	
		Ca	astir	g 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	(1:1.5:3)	7	6	2021	6x6x6	8.2	36	86	5360	Non Engraved
2	(1:1.5:3)	7	6	2021	6x6x6	8.2	36	98	6100	Non 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 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.



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

> 1556 Dr. M. Yousaf

CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43083, Drill Pier+Odu Pad

Our Ref. No. CL/CED/ 4377

Your Ref. No.

To: Mr. Imran Akhtar (Project Manager)

CME/Cubes/CMPAK/716 Dated: 19-07-21

30-06-21

# COMPRESSION TEST REPORT

Dated:

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

Specimens received on:

12-07-21 Tested on:

19-07-21 in dry/wet condition

		Ca	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ν	Vet	Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	2	6	2021	6x6x6	8.2	36	92	5730	Non Engraved
2	(1:1.5:3)	2	6	2021	6x6x6	8.4	36	110	6850	Non 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 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. Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd. Lahore

Project: Nil

 Our Ref. No. CL/CED/
 4378
 Dated:
 19-07-21

 Your Ref. No.
 IHPL/Con/312
 Dated:
 08-07-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:

15-07-21 Tested on:

16-07-21 in dry/wet condition

		Ca	astin	ig Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	Ν	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
05			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	8000 Psi (12)	9	6	2021	6Diax12	14	28.28	89	7050	Non Engraved
2	8000 Psi (14)	9	6	2021	6Diax12	13.6	28.28	90	7130	Non Engraved
3	8000 Psi (16)	9	6	2021	6Diax12	14	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 <u>http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\_reports&id=6</u>

\* 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)

#### **Director/Dy. Director Concrete Laboratory**

1587 Dr. M. Yousaf



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

#### To: Mr. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil										
Our Ref. No. CL/CED/	4379	Dated:	19-07-21							
Your Ref. No.	IHPL/Con/324	Dated:	08-07-21							

Your Ref. No.

IHPL/Con/324

08-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		15-07-21		7-21	Tested on:		16-07-21	in dry/wet c	ondition	
No.	Mark*	Cas	sting	g Date*	Size	Weight	Area of X-	Ultimate	Ultimate	Remarks
Sr.	Wark	/ • •	(		(11)	(103./9113)	Section	load	Olless	Remains
			(gn	าร)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi (8)	16	6	2021	6Diax12	14.8	28.28	79	6260	Non Engraved
2	4000 Psi (9)	16	6	2021	6Diax12	15	28.28	70	5550	Non Engraved
3	4000 Psi (10)	16	6	2021	6Diax12	14.6	28.28	69	5470	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.



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

To: Mr. Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd. Lahore

Project: Nil

 Our Ref. No. CL/CED/
 4380
 Dated:
 19-07-21

 Your Ref. No.
 IHPL/Con/323
 Dated:
 08-07-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:

15-07-21 Tested on:

16-07-21 in dry/wet condition

1587

Dr. M. Yousaf

_		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ŵ	et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	8000 Psi (1)	16	6	2021	6Diax12	14.8	28.28	110	8720	Non Engraved
2	8000 Psi (3)	16	6	2021	6Diax12	14.4	28.28	108	8560	Non Engraved
3	8000 Psi (5)	16	6	2021	6Diax12	14.6	28.28	110	8720	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

\* 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. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil								
Our Ref. No. CL/CED/	4381	Dated:						
Your Ref. No.	IHPL/Con/322	Dated:						

Your Ref. No.

08-07-21

19-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		15-07-21		7-21	Tested on:		16-07-21	in dry/wet c	ondition	
No.		Cas	sting	g Date*	Size	Weight	Area of X-	Ultimate	Ultimate	
Sr. I	Mark*	///	et V	Veight	(in)	(lbs./gms)	Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	8000 Psi (1)	14	6	2021	6Diax12	14	28.28	91	7210	Non Engraved
2	8000 Psi (3)	14	6	2021	6Diax12	14	28.28	87	6900	Non Engraved
3	8000 Psi (5)	14	6	2021	6Diax12	14	28.28	92	7290	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. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality Project: Nil	(Pvt.) Ltd. Lahore									
Our Ref. No. CL/CED/	4382	Dated:	19-07-21							
Your Ref. No. IHPL/Con/321 Dated: 08-07-21										

Your Ref. No.

### COMPRESSION TEST REPORT

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

Specimens received on:		1	5-0	5-07-21 Tested on: 16-07-21 in dry.		in dry/wet cond	dition			
Sr. No.	Mark*	Cas /W	sting et V (gn	g Date* Veight ns)	Size (in)	Weight (Ibs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	8000 Psi (1)	13	6	2021	6Diax12	14	28.28	90	7130	Non Engraved
2	8000 Psi (3)	13	6	2021	6Diax12	14.4	28.28	97	7690	Non Engraved
3	8000 Psi (5)	13	6	2021	6Diax12	14.2	28.28	93	7370	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. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality Project: Nil	(Pvt.) Ltd. Lahore		
Our Ref. No. CL/CED/	4383	Dated:	19-07-21
Your Ref. No.	IHPL/Con/320	Dated:	08-07-21

COMPRESSION TEST REPORT

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

Specimens received on:		1	5-0	7-21	Tested on:		16-07-21	7-21 in dry/wet condition		
Sr. No.	Mark*	Cas /W	sting et V	g Date* Veight	Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi (9)	13	6	2021	6Diax12	13.6	28.28	49	3890	Non Engraved
2	4000 Psi (10)	13	6	2021	6Diax12	13.6	28.28	53	4200	Non Engraved
3	4000 Psi (11)	13	6	2021	6Diax12	13.4	28.28	40	3170	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.



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

#### To: Mr. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality Project: Nil	(Pvt.) Ltd. Lahore		
Our Ref. No. CL/CED/	4384	Dated:	19-07-21
Your Ref. No.	IHPL/Con/319	Dated:	08-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		1	5-0	7-21	Tested on:		16-07-21	in dry/wet c	ondition	
Sr. No.	Mark*	Cas /W	sting et V	g Date* Veight	Size (in)	Weight (lbs./gms)	Area of X-Section	Ultimate	Ultimate Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi (3)	12	6	2021	6Diax12	14	28.28	60	4760	Non Engraved
2	4000 Psi (5)	12	6	2021	6Diax12	14	28.28	58	4600	Non Engraved
3	4000 Psi (7)	12	6	2021	6Diax12	14	28.28	65	5150	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.



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

19-07-21

#### To: Mr. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil									
Our Ref. No. CL/CED/	4385	Dated:							
Your Ref. No.	IHPL/Con/318	Dated:							

Your Ref. No.

08-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		1	5-0	7-21	Tested on:		16-07-21	-07-21 in dry/wet condition		
No.	Mark*	Cas	sting et V	g Date* Veight	Size (in)	Weight	Area of X-	Ultimate	Ultimate	Remarks
Sr.	Mark	,	(	voigint	()	(186./9116)	Section	(Taxa (lb a)		Romano
			(gn	ns)			(Sq. in)	(TONS/IDS)	(PSI)	
1	8000 Psi (12)	12	6	2021	6Diax12	13.6	28.28	93	7370	Non Engraved
2	8000 Psi (14)	12	6	2021	6Diax12	14.6	28.28	91	7210	Non Engraved
3	8000 Psi (16)	12	6	2021	6Diax12	14.2	28.28	99	7850	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

19-07-21

#### To: Mr. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil									
Our Ref. No. CL/CED/	4386	Dated:							
Your Ref. No.	IHPL/Con/317	Dated:							

Your Ref. No.

08-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		1	5-0	7-21	Tested on:		16-07-21	in dry/wet condition		
. No.	Mark*	Cas /W	sting et V	g Date* Veight	Size (in)	Weight (lbs./gms)	Area of X-	Ultimate load	Ultimate Stress	Remarks
Ś		(gms		ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	8000 Psi (12)	11	6	2021	6Diax12	14.2	28.28	89	7050	Non Engraved
2	8000 Psi (14)	11	6	2021	6Diax12	14	28.28	100	7930	Non Engraved
3	8000 Psi (16)	11	6	2021	6Diax12	14	28.28	89	7050	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

> 1587 Dr. M. Yousaf

):	Mr. Muhammad Shahbaz
	Imperium Hospitality (Pvt.) Ltd. Lahore
	Project: Nil

 Our Ref. No. CL/CED/
 4387
 Dated:
 19-07-21

 Your Ref. No.
 IHPL/Con/316
 Dated:
 08-07-21

### **COMPRESSION TEST REPORT**

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

Specimens received on:

15-07-21 Tested on:

16-07-21 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	4000 Psi (1)	11	6	2021	6Diax12	13.8	28.28	49	3890	Non Engraved
2	4000 Psi (5)	11	6	2021	6Diax12	14	28.28	53	4200	Non Engraved
3	4000 Psi (7)	11	6	2021	6Diax12	14	28.28	49	3890	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 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. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil									
Our Ref. No. CL/CED/	4388	Dated:							

Your Ref. No.

## IHPL/Con/315

Dated: 08-07-21

19-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		15-07-21		7-21	Tested on:		16-07-21		in dry/wet condition	
. No.	Mark*	Casting Date*		g Date* Veight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
ى ا		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi (8)	10	6	2021	6Diax12	14	28.28	64	5070	Non Engraved
2	4000 Psi (9)	10	6	2021	6Diax12	13.8	28.28	70	5550	Non Engraved
3	4000 Psi (10)	10	6	2021	6Diax12	15	28.28	64	5070	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

19-07-21

#### To: Mr. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil									
Our Ref. No. CL/CED/	4389	Dated:							
Your Ref. No.	IHPL/Con/314	Dated:							

Your Ref. No.

08-07-21

### COMPRESSION TEST REPORT

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

Specimens received on:		15-07-21		7-21	Tested on:		16-07-21	in dry/wet condition		
Sr. No.	Mark*	Cas /W	Casting Date* /Wet Weight		Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
0,		(gms)				(Sq. in)	(Tons/lbs)	(Psi)		
1	8000 Psi (1)	10	6	2021	6Diax12	14.4	28.28	100	7930	Non Engraved
2	8000 Psi (2)	10	6	2021	6Diax12	14	28.28	99	7850	Non Engraved
3	8000 Psi (3)	10	6	2021	6Diax12	13.8	28.28	93	7370	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
					, <u> </u>	1 // 1/2	10 10 · 0	( , , , , , , , , , , , , , , , , , , ,		

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. Muhammad Shahbaz

1587 Dr. M. Yousaf

Imperium Hospitality (Pvt.) Ltd. Lahore Project: Nil									
Our Ref. No. CL/CED/	4390	Dated:	19-07-21						
Your Ref. No.	IHPL/Con/313	Dated:	08-07-21						

### **COMPRESSION TEST REPORT**

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

Specimens received on:		15-07-21		07-21	Tested on:	16-07-21		in dry/wet c	ondition	
Sr. No.	Mark*	Casting Date* /Wet Weight		ng Date* Weight	Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
			(g	ms)			(Sq. in)	( I ONS/IDS)	(PSI)	
1	4000 Psi (1)	9	6	2021	6Diax12	14	28.28	65	5150	Non Engraved
2	4000 Psi (2)	9	6	2021	6Diax12	14	28.28	68	5390	Non Engraved
3	4000 Psi (3)	9	6	2021	6Diax12	14	28.28	68	5390	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 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)