



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1530

Dr. M. Yousaf

To: Mr. Adeel Mumtaz
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: 16-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	First Floor Slab	5	4	2021	6Diax12	13.2	28.28	58	4600	Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
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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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1536

Dr. M.Yousaf

To: **Sub Divisional Officer**

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

Project: A/A Improvement 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: 16-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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										

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1468

Dr. Burhan

To: Mr. Zahid Naseem (Sr. District Engineer)
M/s Humqadam (SCRP) Program IMC WorldWide, Fiaslabad (M/s Geo Engg)
Project: Ferro- Cement Overlay District Fiaslabad

Our Ref. No. CL/CED/ 4365 Dated: 19-07-21

Your Ref. No. Retro/FSD/Geo/Engg-02 Dated: 24-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-06-21 Tested on: 07-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										
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14										
15										
16										

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1484

To: Brig. Saeed Ahmed Malik (Resident Engineer)

Dr. M. Yousaf

M/s NESPAK(Pvt.) Ltd. Lahore.(Highways and Transportation 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

Specimens received on: 28-06-21 Tested on: 19-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		1	6	2021						
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										
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9										
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14										
15										
16										

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1585

Dr. M. Yousaf

To: Mr. Altaf Hussain (M.E)
AS Enterprises, Karachi
Project: Style Textile Raiwind Check 65 Phase 2

Our Ref. No. CL/CED/ 4367 Dated: 19-07-21

Your Ref. No. Style/ASE/03 Dated: 15-07-21

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										
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11										
12										
13										
14										
15										
16										

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1571

To: **Project Manager**

Dr. M. Yousaf

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

Specimens received on: 14-07-21 Tested on: 19-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										
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16										

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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

Specimens received on: 14-07-21 Tested on: 19-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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14										
15										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1556

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

Dr. Wasim Abbas

Our Ref. No. CL/CED/ 4370 Dated: 19-07-21

Your Ref. No. CME/Cubes/CMPAK/715 Dated: 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		28	6	2021						
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										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1556

Dr. Wasim Abbas

To: Mr. Imran Akhtar (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-43400, Drill Pier + Odu Pad

Our Ref. No. CL/CED/ 4371 Dated: 19-07-21

Your Ref. No. CME/Cubes/CMPAK/714 Dated: 02-07-21

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1556

To: Mr. Imran Akhtar (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-43406, Drill Pier + Odu Pad

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4372 Dated: 19-07-21

Your Ref. No. CME/Cubes/CMPAK/713 Dated: 03-07-21

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										

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Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1556

To: Mr. Imran Akhtar (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-43087, Complete Foundation

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4373 Dated: 19-07-21

Your Ref. No. CME/Cubes/CMPAK/712 Dated: 06-07-21

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										
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1556

Dr. M. Yousaf

To: Mr. M. Farooq (Project Manager)
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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

1556

To: **Mr. M. Farooq (Project Manager)**
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-53163, DP+Odu Pad

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4375 Dated: 19-07-21

Your Ref. No. 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: 19-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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										
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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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1556

To: Mr. Imran Akhtar (Project Manager)
CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-43372, Drill Pier +Odu Pad

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4376 Dated: 19-07-21

Your Ref. No. CME/Cubes/CMPAK/717 Dated: 05-07-21

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
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										
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14										
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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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1556

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4377 Dated: 19-07-21

Your Ref. No. CME/Cubes/CMPAK/716 Dated: 30-06-21

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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										
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9										
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11										
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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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

Dr. M. Yousaf

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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7										
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12										
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14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4379 Dated: 19-07-21

Your Ref. No. IHPL/Con/324 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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										
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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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

Dr. M. Yousaf

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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4381 Dated: 19-07-21

Your Ref. No. IHPL/Con/322 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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
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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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 4382 Dated: 19-07-21

Your Ref. No. IHPL/Con/321 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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										
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9										
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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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

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

Dr. M. Yousaf

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: 15-07-21 Tested on: 16-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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9										
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11										
12										
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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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

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

Dr. M. Yousaf

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: 15-07-21 Tested on: 16-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
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										
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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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4385 Dated: 19-07-21

Your Ref. No. IHPL/Con/318 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 4386 Dated: 19-07-21

Your Ref. No. IHPL/Con/317 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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10										
11										
12										
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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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

Dr. M. Yousaf

To: 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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11										
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15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 4388 Dated: 19-07-21

Your Ref. No. IHPL/Con/315 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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										
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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

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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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

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

1587
Dr. M. Yousaf

Our Ref. No. CL/CED/ 4389 Dated: 19-07-21
Your Ref. No. IHPL/Con/314 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

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Mo	Da	Yr						
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
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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" dia x 12" 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)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1587

Dr. M. Yousaf

To: Mr. Muhammad Shahbaz
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 Tested on: 16-07-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
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
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supervisor(lab)

Director/Dy. Director Concrete Laboratory