



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

10075

To: **Abdul Ghafar (Project Manager)**

Engr. Aamina

Liberty Builders, Lahore

Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore (Columns of Zone-D at 2nd Floor Level)

Our Ref. No. CL/CED/

36

Dated:

12-03-20

Your Ref. No.

CCT/UET/20200310

Dated:

10-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-03-20 Tested on: 12-03-20 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	1774 (6000 Psi)	3	2	2020	6Diax12	14	28.28	86	6710	Non Engraved
2	1775 (6000 Psi)	3	2	2020	6Diax12	14	28.28	84	6550	Non Engraved
3	1776 (6000 Psi)	3	2	2020	6Diax12	14	28.28	83	6470	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)

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

10056

Engr. Aamina

To: **Engr. Muhammad Waqas (Manager Sites)**

Architects Indesign, Lahore

Project: Commercial Building Plan (Mind Bridge Pvt. Ltd.), Plot No.52, Kot Lakhpat, Lahore

Our Ref. No. CL/CED/ 37 Dated: 12-03-20

Your Ref. No. Nil Dated: 06-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-20 Tested on: 12-03-20 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	Column (4000 Psi)	9	1	2020	6Diax12	14	28.28	59	4600	Non Engraved
2	Column (4000 Psi)	9	1	2020	6Diax12	14	28.28	60	4680	Non Engraved
3	Genset Pads (4000 Psi)	31	1	2020	6Diax12	13.4	28.28	50	3900	Non Engraved
4	Genset Pads (4000 Psi)	31	1	2020	6Diax12	14	28.28	57	4450	Non Engraved
5	Diesel Tank Walls (3000 Psi)	30	1	2020	6Diax12	14	28.28	56	4370	Non Engraved
6	B/P Beams (3000 Psi)	15	1	2020	6Diax12	13.8	28.28	54	4210	Non Engraved
7	B/P Beams (3000 Psi)	15	1	2020	6Diax12	14	28.28	47	3670	Non Engraved
8	Column (4000 Psi)	24	1	2020	6Diax12	14	28.28	74	5770	Non Engraved
9	Column (4000 Psi)	1	1	2020	6Diax12	13.8	28.28	59	4600	Non Engraved
10	Column (4000 Psi)	1	1	2020	6Diax12	14.1	28.28	54	4210	Non Engraved
11	Column (4000 Psi)	21	12	2019	6Diax12	14.4	28.28	55	4290	Non Engraved
12	Slab (3000 Psi)	5	1	2020	6Diax12	14	28.28	52	4060	Non Engraved
13	Column (4000 Psi)	28	12	2019	6Diax12	13.4	28.28	61	4760	Non Engraved
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

10074

Engr. Aamina

To: Ch. M. Hussain (RE G3 EC)

G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Construction of UOG Sub Campus Narowal (Girls Hostel, Front Canopy Slab)

Our Ref. No. CL/CED/ 38 Dated: 12-03-20

Your Ref. No. G3/PD-UOG/2020-103A Dated: 05-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-03-20 Tested on: 12-03-20 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		6	2	2020	6Diax12	14	28.28	65	5070	Engraved
2		6	2	2020	6Diax12	14	28.28	62	4840	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/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

10080
Engr. Aamina

To: Adnan Jamil (Resident Engineer)
Amad Anwar & Partners, Lahore
Project: RCC Fourth Floor Slab of 139 CCA Phase-V, DHA Lahore

Our Ref. No. CL/CED/ 39 Dated: 12-03-20
Your Ref. No. Nil Dated: 10-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-03-20 Tested on: 12-03-20 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	3000 Psi	11	2	2020	6Diax12	13	28.28	43	3360	Non Engraved
2	3000 Psi	11	2	2020	6Diax12	14	28.28	49	3820	Non Engraved
3	3000 Psi	11	2	2020	6Diax12	13.4	28.28	42	3280	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/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

10076
Engr. Aamina

To: Engr. Rizwan Ahmad (Assistant Resident Engineer)
AR Engineers, Lahore
Project: Construction of Jewel-1 Apartment Plaza at Gulberg-3, Lahore

Our Ref. No. CL/CED/ 40 Dated: 12-03-20
Your Ref. No. ARST002 Dated: 10-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-03-20 Tested on: 12-03-20 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	Grid 3-12, Line G Side	4	2	2020	6Diax12	14.4	28.28	70	5460	Non Engraved
2	Grid 3-12, Line G Side	4	2	2020	6Diax12	14.4	28.28	67	5230	Non Engraved
3	Grid 3-12, Line G Side	4	2	2020	6Diax12	14	28.28	71	5540	Non Engraved
4	Grid 3-12, Line G Side	4	2	2020	6Diax12	14.6	28.28	54	4210	Non Engraved
5	Grid 3-12, Line G Side	4	2	2020	6Diax12	14.8	28.28	63	4910	Non Engraved
6	Grid 3-12, Line G Side	4	2	2020	6Diax12	14.4	28.28	57	4450	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" 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