



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

8822

Engr. Aamina

To: Mr. Shamshad Hussain, Manager Projects
Noor Durani & Associates. 52-D1 Gulberg III, Lahore. (Condrill (Pvt) Ltd. Lahore)
Project: Building on Plot No. 12-A/1, Block-E/2, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 8487 Dated: 09-07-19

Your Ref. No. J/0534/016 Dated: 26-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-06-19 Tested on: 01-07-19 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		22	5	2019	6Diax12	14.2	28.28	69	5470	Non Engraved
2		22	5	2019	6Diax12	14.8	28.28	71	5630	Non Engraved
3		22	5	2019	6Diax12	14.2	28.28	61	4840	Non Engraved
4		22	5	2019	6Diax12	14	28.28	86	6820	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

8825

To: Mr. Waqas Asif, Director
Icon Construction Services.
Project: Nil

Dr. M. Yousaf

Our Ref. No. CL/CED/ 8488 Dated: 09-07-19

Your Ref. No. Nil Dated: 18-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 03-07-19 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	3	2019	6Diax12	13.6	28.28	43	3410	Non Engraved
2	(1:1.5:3)	2	3	2019	6Diax12	13.8	28.28	60	4760	Non Engraved
3	(1:1.5:3)	14	3	2019	6Diax12	13.4	28.28	53	4200	Non Engraved
4	(1:1.5:3)	14	3	2019	6Diax12	13.4	28.28	39	3090	Non Engraved
5	(1:2:4)	11	5	2019	6Diax12	13	28.28	30	2380	Non Engraved
6	(1:2:4)	11	5	2019	6Diax12	13.4	28.28	63	5000	Non Engraved
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8830

Dr. M. Yousaf

To: Mr. Abid Sultan, The Admin Manager
Variant, 25-t Gulberg 2, Lahore.
Project: Nil

Our Ref. No. CL/CED/ 8489 Dated: 09-07-19

Your Ref. No. VA/23/137 Dated: 27-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 03-07-19 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	5th F. Slab Pour 2	25	5	2019	6Diax12	14	28.28	79	6260	Non Engraved
2	5th F. Slab Pour 2	25	5	2019	6Diax12	14	28.28	70	5550	Non Engraved
3	5th F. Slab Pour 3	28	5	2019	6Diax12	13.5	28.28	80	6340	Non Engraved
4	5th F. Slab Pour 3	28	5	2019	6Diax12	13.4	28.28	50	3970	Non Engraved
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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

8836

To: Major Muhammad Farhan Khan (Project Officer) Dr. M. Yousaf
19 Engineer Battalion (Chaghai Sappers) Sheikhpura Camp C/O Signal Centre(FWO Chaklala)
Project: Rehabilitation Works at Kot Abdul Malik Bridge (KM 22+00 South Side) on Motorway(M-2)

Our Ref. No. CL/CED/ 8490 Dated: 09-07-19

Your Ref. No. 607/SDOB&R/General Dated: 26-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-19 Tested on: 03-07-19 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	RCC Deck Slab	29	5	2019	6Diax12	14.2	28.28	75	5950	Non Engraved
2	RCC Deck Slab	29	5	2019	6Diax12	14.2	28.28	72	5710	Non Engraved
3	RCC Deck Slab	29	5	2019	6Diax12	14	28.28	80	6340	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8832

Dr. M. Yousaf

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

Liberty Builders, Lahore

Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, Zone-C part-1, Basement-2 Slab

Our Ref. No. CL/CED/ 8491-1 of 3 Dated: 09-07-19

Your Ref. No. CONC-20190627 Dated: 27-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 02-07-19 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 6 3	20	6	2019	6Diax12	14	28.28	58	4600	Non Engraved
2	7 6 4	20	6	2019	6Diax12	14	28.28	56	4440	Non Engraved
3	7 6 5	20	6	2019	6Diax12	14	28.28	63	5000	Non Engraved
4	7 6 6	20	6	2019	6Diax12	14	28.28	58	4600	Non Engraved
5	7 6 7	20	6	2019	6Diax12	14	28.28	63	5000	Non Engraved
6	7 6 8	20	6	2019	6Diax12	14	28.28	63	5000	Non Engraved
7	7 6 9	20	6	2019	6Diax12	14	28.28	60	4760	Non Engraved
8	7 7 0	20	6	2019	6Diax12	14	28.28	65	5150	Non Engraved
9	7 7 1	20	6	2019	6Diax12	14	28.28	64	5070	Non Engraved
10	7 7 2	20	6	2019	6Diax12	13.8	28.28	50	3970	Non Engraved
11	7 7 3	20	6	2019	6Diax12	14	28.28	49	3890	Non Engraved
12	7 7 4	20	6	2019	6Diax12	14	28.28	46	3650	Non Engraved
13	7 7 5	20	6	2019	6Diax12	14	28.28	55	4360	Non Engraved
14	7 7 6	20	6	2019	6Diax12	14	28.28	46	3650	Non Engraved
15	7 7 7	20	6	2019	6Diax12	14	28.28	50	3970	Non Engraved
End	---	---	---	---	---	---	---	---	---	---

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

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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

8832

Dr. M. Yousaf

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

Liberty Builders, Lahore

Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, Zone-C part-1, Basement-2 Slab

Our Ref. No. CL/CED/ 8491-2 of 3 Dated: 09-07-19

Your Ref. No. CONC-20190627 Dated: 27-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 02-07-19 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)								
16	7 7 8	20	6	2019	6Diax12	14	28.28	52	4120	Non Engraved
17	7 7 9	20	6	2019	6Diax12	14	28.28	50	3970	Non Engraved
18	7 8 0	20	6	2019	6Diax12	14	28.28	50	3970	Non Engraved
19	7 8 1	20	6	2019	6Diax12	14	28.28	56	4440	Non Engraved
20	7 8 2	20	6	2019	6Diax12	13.6	28.28	56	4440	Non Engraved
21	7 8 3	20	6	2019	6Diax12	14	28.28	50	3970	Non Engraved
22	7 8 4	20	6	2019	6Diax12	14	28.28	56	4440	Non Engraved
23	7 8 5	20	6	2019	6Diax12	14	28.28	56	4440	Non Engraved
24	7 8 6	20	6	2019	6Diax12	14	28.28	56	4440	Non Engraved
25	7 8 7	20	6	2019	6Diax12	14	28.28	55	4360	Non Engraved
26	7 8 8	20	6	2019	6Diax12	14	28.28	46	3650	Non Engraved
27	7 8 9	20	6	2019	6Diax12	14	28.28	50	3970	Non Engraved
28	7 9 0	20	6	2019	6Diax12	13.8	28.28	48	3810	Non Engraved
29	7 9 1	20	6	2019	6Diax12	14	28.28	53	4200	Non Engraved
30	7 9 2	20	6	2019	6Diax12	13.4	28.28	53	4200	Non Engraved
End	---	---	---	---	---	---	---	---	---	---

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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

8832

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

Dr. M. Yousaf

Liberty Builders, Lahore

Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, Zone-C, Basement-2 Columns Cap

Our Ref. No. CL/CED/ 8491-3 of 3 Dated: 09-07-19

Your Ref. No. CONC-20190627 Dated: 27-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 02-07-19 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						
31	7 5 4	20	6	2019	6Diax12	14	28.28	65	5150	Non Engraved
32	7 5 5	20	6	2019	6Diax12	14	28.28	60	4760	Non Engraved
33	7 5 6	20	6	2019	6Diax12	14	28.28	58	4600	Non Engraved
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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

8837
Dr. Umbreen

To: Engr. Ghulam Sarwar (Resident Engineer)
Velosi Integrity & Safety Pakistan Pvt. Ltd.
Project: Demolation and Reconstruction of Nankana Sahib Railway Station

Our Ref. No. CL/CED/ 8492 Dated: 09-07-19

Your Ref. No. V84-LRC-15 Dated: 22-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-19 Tested on: 02-07-19 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Rectangular Grey				7.8x3.9x3.0	3630	30.42	118	8690	
2	Rectangular Grey				7.8x3.9x3.0	3703	30.42	124	9140	
3	Rectangular Red				7.8x3.9x3.0	3661	30.42	116	8550	
4	Rectangular Red				7.8x3.9x3.0	3613	30.42	116	8550	
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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

8824

Dr. M. Yousaf

To: Furqan Ali Malik (Chief Resident Engineer, Package-1)
Construction Management Div., NESPAK (Pvt.) Ltd. Lahore
Project: Constt./Rehab. of at Grade Works Along Lahore Orange Line Metro Train Corridor Pkg-1(Sec-I)
From Ring Road Daroghawala Chowk

Our Ref. No. CL/CED/ 8493 Dated: 09-07-19

Your Ref. No. 3765/13/FAM/Tough-Paver-003 Dated: 26-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-06-19 Tested on: 09-07-19 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Rectangular Grey		7.8x3.9x3.0	3633	30.42	80	5900	
2	Rectangular Grey		7.8x3.9x3.0	3627	30.42	73	5380	
3	Rectangular Grey		7.8x3.9x3.0	3535	30.42	59	4350	
4	Rectangular Grey		7.8x3.9x3.0	3568	30.42	28	2070	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8838

Dr. Aqsa

To: Muhammad Saleem (GM)
Professional Construction Services (Pvt.) Ltd. Lahore
Project: TCF Secondary School Apna Campus Qasba Gujrat, Muzaffargarh

Our Ref. No. CL/CED/ 8494 Dated: 09-07-19

Your Ref. No. PCS/19/Eng-38 Dated: 28-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-19 Tested on: 04-07-19 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	Ground Floor Slab	21	5	2019	6x6x6	8.4	36	63	3920	Non Engraved
2	Ground Floor Slab	21	5	2019	6x6x6	8.4	36	79	4920	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8839

Dr. Aqsa

To: **M/s Shahid Builders (Pvt.) Ltd.**
Lytton Road, Mozzang, Lahore

Project: Constt. of Labard Rehabilitation & Vocational Training Centre, Harbanspura, Lahore

Our Ref. No. CL/CED/ 8495 Dated: 09-07-19

Your Ref. No. SBL/2019/9 Dated: 27-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-06-19 Tested on: 04-07-19 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	RCC Col. Found.	4	5	2019	6Diax12	14	28.28	33	2620	Non Engraved
2	RCC Col. Found.	4	5	2019	6Diax12	14	28.28	69	5470	Non Engraved
3	RCC Col. Found.	6	5	2019	6Diax12	14.4	28.28	78	6180	Engraved
4	RCC Col. Found.	6	5	2019	6Diax12	14.6	28.28	72	5710	Engraved
5	RCC Col. Found.	8	5	2019	6Diax12	14	28.28	49	3890	Engraved
6	RCC Col. Found.	8	5	2019	6Diax12	14	28.28	57	4520	Engraved
7	RCC Col. Found.	10	5	2019	6Diax12	14	28.28	54	4280	Engraved
8	RCC Col. Found.	10	5	2019	6Diax12	14.4	28.28	65	5150	Engraved
9	Lift Wall in Found.	11	5	2019	6Diax12	14	28.28	57	4520	Engraved
10	Lift Wall in Found.	11	5	2019	6Diax12	14.2	28.28	59	4680	Engraved
11	RCC Col. Found.	13	5	2019	6Diax12	14	28.28	58	4600	Engraved
12	RCC Col. Found.	16	5	2019	6Diax12	14.4	28.28	63	5000	Non Engraved
13	RCC Col. Found.	16	5	2019	6Diax12	14.2	28.28	55	4360	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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

8847

Dr. M. Yousaf

To: Amna/Noor
32-C/1 Gulberg III, Lahore
Project: Slab Over Third Floor

Our Ref. No. CL/CED/ 8496 Dated: 09-07-19

Your Ref. No. CT/TF/04 Dated: 01-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-07-19 Tested on: 03-07-19 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	5 4 6	25	5	2019	6Diax12	14	28.28	41	3250	Non Engraved
2	5 4 7	25	5	2019	6Diax12	14	28.28	26	2060	Non Engraved
3	5 4 8	25	5	2019	6Diax12	14	28.28	48	3810	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

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**** 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