



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3873
 Dr. Yousaf

To: (Mr. Shoaib Razzaq), Project Coordinator
 For SINACO Engineers (Pvt) Limited.

Project: Construction of Bopet Line, Novatex, Quaid-e-Azam, Business Park, Sheikhpura.

Our Ref. No. CL/CED/ 9821

Dated: 15-09-22

Test Specification

Your Ref. No. 00158-2022

Dated: 13-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **14-09-22** Tested on: **15-09-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	8	8	2022	6x6x6	---	8.4	36	101	6284	---	Engraved
2	---	8	8	2022	6x6x6	---	8.6	36	110	6844	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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3799
 Dr. Aqsa

To: Engr. Fawad Butt, Project Engr.
 Netracon Technologies (Pvt.) Ltd.

Project: WB-05A: Design Supply and Installation of 500KV Nowshera (New) Grid Station

Our Ref. No. CL/CED/ 9822

Dated: 15-09-22

Test Specification

Your Ref. No. NTT-HO/WB05A-GS/07A

Dated: 16-08-22

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **30-08-22** Tested on: **13-09-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	PR-1	---	---	---	8.9 x 4.3 x 3.1	3640	2985	38.27	33	1932	21.94	Maa Sha Allah Bricks Comp.
2	PR-1	---	---	---	8.8 x 4.4 x 3.1	3540	2885	38.72	27	1562	22.7	Maa Sha Allah Bricks Comp.
3	PR-1	---	---	---	8.8 x 4.4 x 3.1	3635	2990	38.72	30	1736	21.57	Maa Sha Allah Bricks Comp.
4	PR-1	---	---	---	8.8 x 4.3 x 3.1	3630	2975	37.84	33	1953	22.02	Maa Sha Allah Bricks Comp.
5	PR-1	---	---	---	8.8 x 4.3 x 3.1	3605	2955	37.84	33	1953	22	Maa Sha Allah Bricks Comp.
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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3878
 Engr. Ubaid

To: (Mr. Shoaib Razzaq), Project Coordinator
 For SINACO Engineers (Pvt) Limited.

Project: Construction of Bopet Line, Novatex, Quaid-e-Azam, Business Park, Sheikhpura.

Our Ref. No. CL/CED/ 9823

Dated: 15-09-22

Test Specification

Your Ref. No. 00164-2022

Dated: 14-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **15-09-22** Tested on: **15-09-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	T-1, C-480	7	9	2022	6x6x6	---	8.8	36	72	4480	---	Non Engraved
2	T-1, C-480	7	9	2022	6x6x6	---	8.4	36	81	5040	---	Non Engraved
3	T-1, C-480	7	9	2022	6x6x6	---	8.8	36	85	5289	---	Non Engraved
4	T-2, C-410	8	9	2022	6x6x6	---	8.8	36	64	3982	---	Engraved
5	T-2, C-410	8	9	2022	6x6x6	---	8.6	36	62	3858	---	Engraved
6	T-2, C-410	8	9	2022	6x6x6	---	8.8	36	58	3609	---	Engraved
7	T-3, C-430	8	9	2022	6x6x6	---	8.6	36	69	4293	---	Non Engraved
8	T-3, C-430	8	9	2022	6x6x6	---	8.4	36	85	5289	---	Non Engraved
9	T-3, C-430	8	9	2022	6x6x6	---	8.4	36	79	4916	---	Non Engraved
10	Footing	7	9	2022	6x6x6	---	8.8	36	57	3547	---	Non Engraved
11	Footing	7	9	2022	6x6x6	---	8.8	36	66	4107	---	Non Engraved
12	Footing	7	9	2022	6x6x6	---	9	36	62	3858	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Director/Dy. Director Concrete Laboratory



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3871
 Dr. Yousaf

To: Executive Engineer (PMU)
 University of Sargodha.

Project: Provision of Tuff Pavers in front of Newly Constructed Buildings at main Campus, University of Sargodha. (Contractor; M/S Saleem & Co.)

Our Ref. No. CL/CED/ 9824

Dated: 15-09-22

Test Specification

Your Ref. No. SU/PMU/P.C/273

Dated: 29-08-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **13-09-22** Tested on: **14-09-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2630	29.64	101	7633	---	---	
2	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2930	29.64	86	6499	---	---	
3	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2660	29.64	85	6424	---	---	
4	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2685	29.64	125	9447	---	---	
5	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	116	8767	---	---	
6	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2645	29.64	57	4308	---	---	
7	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2730	29.64	115	8691	---	---	
8	Rectangular, Red, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2630	29.64	114	8615	---	---	
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	86	6499	---	---	
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2645	29.64	118	8918	---	---	
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	116	8767	---	---	
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2670	29.64	93	7028	---	---	
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2640	29.64	114	8615	---	---	
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2710	29.64	130	9825	---	---	
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2765	29.64	123	9296	---	---	
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.8 x 2.4	---	2650	29.64	138	10429	---	---	

Witnessed by:

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- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3868
 Engr. Ubaid

To: Engr. Muhammad Bilal Iqbal, Project Manager
 M. Siddique Sons Building Contractor, 24 Block-F, Commercial Complex Lahore

Project: Construction of Al Fatah Warehouse Extension Attari, Lahore

Our Ref. No. CL/CED/ 9825

Dated: 15/9/2022

Test Specification

Your Ref. No. Nil

Dated: 13/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13/9/2022 **Tested on:** 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	3	9	2022	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	3000 Psi	3	9	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	3000 Psi	3	9	2022	6Diax12	---	14	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Iqbal

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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3863
 Engr. Ubaid

To: Mr. Muhammad Nasir Ameer, Project Director.
 Studio Developers Pvt. Ltd. 24-B/2 Mian Mahmood Ali Kasoori Road, Gulberg III, Lahore.

Project: Construction of Studio Corporate offices at Xinhua Mall, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 9826

Dated: 15/9/2022

Test Specification

Your Ref. No. SCO/ISPL/2022/18

Dated: 12-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **12/9/2022** Tested on: **15/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Slab	28	8	2022	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
2	Slab	28	8	2022	6Diax12	---	13	28.28	44	3485	---	Non Engraved
3	Slab	28	8	2022	6Diax12	---	12.8	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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3867
 Engr. Ubaid

To: Mr. Muhammad Sohail Anjum, Project Manager
 MS Tower, G4 Lahore.

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore

Our Ref. No. CL/CED/ 9827

Dated: 15/9/2022

Test Specification

Your Ref. No. MST/UET/2022/C-052

Dated: 12-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13/9/2022 **Tested on:** 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	102 (3250 Psi)	5	9	2022	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
2	105 (3250 Psi)	5	9	2022	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
3	106 (3250 Psi)	5	9	2022	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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3872
 Engr. Ubaid

To: Project Manager
 Q-Links Property Management Pvt. Ltd.

Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore

Our Ref. No. CL/CED/ 9828

Dated: 15/9/2022

Test Specification

Your Ref. No. QLC-UET-JGM-2022-09-LTR-129

Dated: 12-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14/9/2022 Tested on: 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	3rd Floor Col (4500 Psi)	15	8	2022	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
2	3rd Floor Col (4500 Psi)	15	8	2022	6Diax12	---	13.6	28.28	61	4832	---	Non Engraved
3	3rd Floor Col (4500 Psi)	15	8	2022	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
4	2nd Floor Slab (3000 Psi)	15	8	2022	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
5	2nd Floor Slab (3000 Psi)	15	8	2022	6Diax12	---	13.4	28.28	51	4040	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3853
 Engr. Ubaid

To: Mr. Sohaib A Ataullah
 GM (City Project), Vision Developers (Pvt) Ltd. 55C, Gulberg-III, Lahore

Project: Construction of Farm House

Our Ref. No. CL/CED/ 9829

Dated: 15/9/2022

Test Specification

Your Ref. No. VD/CP/008/09092022

Dated: 09-09-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **09-09-22** Tested on: **15/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Slab (3000 Psi)	8	8	2022	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
2	Slab (3000 Psi)	8	8	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3824
 Dr. Yousaf

To: Mr. Faisal Ali, Site In-charge
 Ittefaq Construction Associates.

Project: Construction of 330-R, Johar Town, Lahore. (Respected Faizan Liaqat Sb.)

Our Ref. No. CL/CED/ 9830

Dated: 15/9/2022

Test Specification

Your Ref. No. ICA/FLS/09

Dated: 02-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **02-09-22** Tested on: **12-09-22** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	1st Floor Column	29	7	2022	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
2	1st Floor Column	29	7	2022	6Diax12	---	13.2	28.28	33	2614	---	Non Engraved
3	1st Floor Column	29	7	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Bilal, CNIC # 32303-1048863-1

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3869
 Dr. Mazhar

To: Mr. Muhammad Irfan, Material Engineer
 Banu Mukhtar Contracting (PVT) Ltd.

Project: Construction of Burj-1 by Ajwa Builders

Our Ref. No. CL/CED/ 9831

Dated: 15/9/2022

Test Specification

Your Ref. No. DOC-BMC/AJWA/006

Dated: 13/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13/9/2022 **Tested on:** 14/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Raft Pour-1 (4000 Psi)	3	9	2022	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
2	Raft Pour-1 (4000 Psi)	3	9	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
3	Raft Pour-1 (4000 Psi)	3	9	2022	6Diax12	---	13	28.28	55	4356	---	Non Engraved
4	Raft Pour-1 (4000 Psi)	3	9	2022	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
5	Raft Pour-1 (4000 Psi)	3	9	2022	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
6	Raft Pour-1 (4000 Psi)	3	9	2022	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3870
 Dr. yousaf

To: Mr. Umair Badar, Site Incharge
 Tetra Ready Mix (Pvt) Ltd. 42/A, E-1, Gulberg-III, Lahore.

Project: Construction of House No. 45M A/3 Gulberg III, Lahore

Our Ref. No. CL/CED/ 9832

Dated: 15/9/2022

Test Specification

Your Ref. No. TRM/Shahzad/004

Dated: 13/9/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13/9/2022 **Tested on:** 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000 Psi)	15	8	2022	6Diax12	---	13.8	28.28	80	6337	---	Non Engraved
2	(4000 Psi)	15	8	2022	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	(4000 Psi)	5	9	2022	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
4	(4000 Psi)	5	9	2022	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Shahzad Asghar, CNIC # 35202-4084120-9

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3831
 Dr. Mazhar

To: Engr. Shahid Iqbal, Manager Construction
 Trans-Continental Freight Pvt. Ltd. 25-A, Sir Agha Khan (Davis) Road, Lahore.

Project: Construction of TAQ-House-Gulberg at Plot No.6F. Main Market, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 9833

Dated: 15/9/2022

Test Specification

Your Ref. No. THG/013/UET

Dated: 02-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **05-09-22** Tested on: **14/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	66A (3000 Psi)	1	8	2022	6Diax12	---	12.8	28.28	37	2931	---	Non Engraved
2	67A (3000 Psi)	1	8	2022	6Diax12	---	13	28.28	37	2931	---	Non Engraved
3	68A (3000 Psi)	1	8	2022	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3831
 Dr. Mazhar

To: Engr. Shahid Iqbal, Manager Construction
 Trans-Continental Freight Pvt. Ltd. 25-A, Sir Agha Khan (Davis) Road, Lahore.

Project: Construction of TAQ-House-Gulberg at Plot No.6F. Main Market, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 9834

Dated: 15/9/2022

Test Specification

Your Ref. No. THG/012/UET

Dated: 02-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **05-09-22** Tested on: **14/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	66 (5000 Psi)	29	7	2022	6Diax12	---	12.8	28.28	86	6812	---	Non Engraved
2	67 (5000 Psi)	29	7	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	68 (5000 Psi)	29	7	2022	6Diax12	---	13	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3831
 Dr. Mazhar

To: Engr. Shahid Iqbal, Manager Construction
 Trans-Continental Freight Pvt. Ltd. 25-A, Sir Agha Khan (Davis) Road, Lahore.

Project: Construction of TAQ-House-Gulberg at Plot No.6F. Main Market, Gulberg-II, Lahore

Our Ref. No. CL/CED/ 9835

Dated: 15/9/2022

Test Specification

Your Ref. No. THG/011/UET

Dated: 02-09-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **05-09-22** Tested on: **14/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	60 (5000 Psi)	28	7	2022	6Diax12	---	13	28.28	83	6574	---	Non Engraved
2	61 (5000 Psi)	28	7	2022	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
3	62 (5000 Psi)	28	7	2022	6Diax12	---	13	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3875
 Engr. Ubaid

To: Prof. Engr. Dr. Abdullah Yasar, Campus Engineer
 G.C University Engineering Cell Lahore

Project: Construction of New Girls Hostel at GCU Lahore Main Campus

Our Ref. No. CL/CED/ 9836

Dated: 15/9/2022

Test Specification

Your Ref. No. GCU/Engr/2099/P

Dated: 14/9/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 14/9/2022 Tested on: 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Concrete Cube (1:4:8)	7	9	2022	6x6x6	---	8	36	19	1182	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3859
 Engr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division No.22 Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 9837

Dated: 15/9/2022

Test Specification

Your Ref. No. 153/22nd

Dated: 03-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **12-09-22** Tested on: **15/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	R.C.C Basement Slab (1:2:4)	7	8	2022	6x6x6	---	9	36	85	5289	---	Non Engraved
2	R.C.C Basement Slab (1:2:4)	7	8	2022	6x6x6	---	9	36	70	4356	---	Non Engraved
3	R.C.C Basement Slab (1:2:4)	7	8	2022	6x6x6	---	9	36	82	5102	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3859
 Engr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division No.22 Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

Our Ref. No. CL/CED/ 9838

Dated: 15/9/2022

Test Specification

Your Ref. No. 133/22nd

Dated: 29/7/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 12-09-22 **Tested on:** 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	R.C.C Fnd Raft (1:2:4)	30	6	2022	6x6x6	---	8.4	36	58	3609	---	Non Engraved
2	R.C.C Fnd Raft (1:2:4)	30	6	2022	6x6x6	---	8.2	36	50	3111	---	Non Engraved
3	R.C.C Fnd Raft (1:2:4)	30	6	2022	6x6x6	---	8.6	36	60	3733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3859
 Engr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division No.15 Lahore

Project: Construction of Forest Complex at Ravi Road Lahore (ADP No.6621/2021-22)

Our Ref. No. CL/CED/ 9839

Dated: 15/9/2022

Test Specification

Your Ref. No. 2028

Dated: 07-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **12-09-22** Tested on: **15/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	GF Col+Lift (1:1.5:3)	7	8	2022	6x6x6	---	8.6	36	67	4169	---	Non Engraved
2	GF Col+Lift (1:1.5:3)	7	8	2022	6x6x6	---	8.4	36	81	5040	---	Non Engraved
3	GF Col+Lift (1:1.5:3)	7	8	2022	6x6x6	---	8.4	36	50	3111	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3858
 Engr. Ubaid

To: Manager Purchase
 Bismillah Developers, Main G.T Road Bank Stop Opp Bata Factory Manawa Lahore

Project: Construction of Marriage Hall Building

Our Ref. No. CL/CED/ 9840

Dated: 15/9/2022

Test Specification

Your Ref. No. Nil

Dated: 11-09-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 12-09-22 Tested on: 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Slab	1	9	2022	6x6x6	---	8.2	36	43	2676	---	Engraved
2	Slab	1	9	2022	6x6x6	---	8.2	36	45	2800	---	Engraved
3	Slab	1	9	2022	6x6x6	---	8.2	36	47	2924	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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- 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3876
 Engr. Ubaid

To: Resident Engineer
 Engineering Consultancy Services Punjab (Pvt.) Ltd.
 Project: Construction of Specialized Unit (SPU) Headquarters at Ladheikay Uchey Tehsil Raiwind Distt. Lahore
 Our Ref. No. CL/CED/ 9841 Dated: 15/9/2022
 Your Ref. No. ECSP/RE/SPU/47 Dated: 15/7/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14/9/2022 Tested on: 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Roof Slab of GF	13	6	2022	6x6x6	---	8.4	36	40	2489	---	Non Engraved
2	RCC Roof Slab of GF	13	6	2022	6x6x6	---	8.6	36	40	2489	---	Non Engraved
3	RCC Roof Slab of GF	13	6	2022	6x6x6	---	8.6	36	53	3298	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3876
 Engr. Ubaid

To: Resident Engineer
 Engineering Consultancy Services Punjab (Pvt.) Ltd.
 Project: Construction of Specialized Unit (SPU) Headquarters at Ladheikay Uchey Tehsil Raiwand Distt. Lahore
 Our Ref. No. CL/CED/ 9842 Dated: 15/9/2022
 Your Ref. No. ECSP/RE/SPU/48 Dated: 15/7/2022

Test Specification
 (BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14/9/2022 Tested on: 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Column of GF	14	6	2022	6x6x6	---	8.6	36	83	5164	---	Non Engraved
2	RCC Column of GF	14	6	2022	6x6x6	---	9	36	44	2738	---	Non Engraved
3	RCC Column of GF	14	6	2022	6x6x6	---	8.4	36	43	2676	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3855
 Engr. Ubaid

To: Engr. Kashif Sajjad, Resident Engineer
 A.Z Engineering Associates, Sheikh Rehmat Colony, Street No. 2 Rangers Road, Sialkot
Project: Dualization of Sialkot-Pasrur Road Length=27.35Km (Pahse-I Km 0.00 to 14.60 Length=14.60 KMS) in District Sialkot (Section KM No. 10.06 to 14.60, Length=4.54 KM) Group-III
Our Ref. No. CL/CED/ 9843 **Dated:** 15/9/2022 **Test Specification**
Your Ref. No. AZEA/SIALKOT/ADAM/20/61 **Dated:** 05-09-22 (----)

COMPRESSION TEST REPORT



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

Specimens received on: 09-09-22 **Tested on:** 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY									
1	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3755	30.42	44	3240	---	Izhar Concrete	
2	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3690	30.42	39	2872	---	Izhar Concrete	
3	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3740	30.42	37	2725	---	Izhar Concrete	
4	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3	---	3640	30.42	44	3240	---	Punjab Tiles	
5	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3	---	3685	30.42	48	3535	---	Punjab Tiles	
6	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3	---	3680	30.42	37	2725	---	Punjab Tiles	
7	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3410	30.42	64	4713	---	Ejaz & Fiaz Building	
8	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3455	30.42	70	5155	---	Ejaz & Fiaz Building	
9	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3625	30.42	37	2725	---	Ejaz & Fiaz Building	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

3828
 Engr. Ubaid

To: Executive Engineer
 Qadirabad Balloki Link Canal Division Farooqabad

Project : Construction of New QB Link Office Complex Residences and Boundary Wall at Farooqabad.

Our Ref. No. CL/CED/ 9844

Dated: 15/9/2022

Test Specification

Your Ref. No. 806/7-G-I

Dated: 03-09-22

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-09-22 Tested on: 15/9/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	777	---	---	---	8.9 x 4.3 x 2.9	3625	3270	38.27	35	2049	10.86	---	
2	777	---	---	---	8.8 x 4.3 x 2.9	3555	3195	37.84	37	2190	11.27	---	
3	777	---	---	---	8.9 x 4.3 x 2.9	3670	3295	38.27	28	1639	11.38	---	
4	HB	---	---	---	8.5 x 4.2 x 2.8	3310	2915	35.7	31	1945	13.55	---	
5	HB	---	---	---	8.8 x 4.3 x 2.8	3275	2930	37.84	30	1776	11.77	---	
6	HB	---	---	---	8.8 x 4.2 x 2.8	3400	3090	36.96	36	2182	10.03	---	
7	RB	---	---	---	9 x 4.3 x 2.8	3360	3030	38.7	44	2547	10.89	---	
8	RB	---	---	---	8.9 x 4.3 x 2.8	3450	3025	38.27	40	2341	14.05	---	
9	RB	---	---	---	8.8 x 4.3 x 2.9	3560	3160	37.84	40	2368	12.66	---	
10	---	---	---	---	---	---	---	---	---	---	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Director/Dy. Director Concrete Laboratory



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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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3833
 Engr. Ubaid

To: Engr. Abdul Kareem, Resident Engineer
 Allied Engineering Consultants (Pvt) Ltd. House 19A Hali Road Gulberg II Lahore

Project: Establishment of Mother and Child Block in Sir Ganga Ram Hospital Lahore (Group No. 1)

Our Ref. No. CL/CED/ 9845 Dated: 15/9/2022 Test Specification
 Your Ref. No. AEC/MBC/2022/222 Dated: 30/8/2022 (----)

COMPRESSION TEST REPORT



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

Specimens received on: **05-09-22** Tested on: **15/9/2022** in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3625	29.64	99	7482	---	---	
2	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3640	29.64	75	5668	---	---	
3	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3520	29.64	68	5139	---	---	
4	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3595	29.64	65	4912	---	---	
5	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3530	29.64	61	4610	---	---	
6	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3540	29.64	81	6121	---	---	
7	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3560	29.64	88	6650	---	---	
8	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3540	29.64	60	4534	---	---	
9	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3700	29.64	88	6650	---	---	
10	Rectangular Paver Grev 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3500	29.64	59	4459	---	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
13	---	---	---	---	---	---	---	---	---	---	---	---	
14	---	---	---	---	---	---	---	---	---	---	---	---	
15	---	---	---	---	---	---	---	---	---	---	---	---	
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