



**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.

3734  
 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/ 9600

Dated: 18/8/2022

Test Specification

Your Ref. No. VD/CP/007/15082022

Dated: 18/8/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 18/8/2022 Tested on: 18/8/2022 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	8	8	2022	6Diax12	---	14	28.28	52	4119	---	Non Engraved
2	3000 Psi	8	8	2022	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
3	3000 Psi	8	8	2022	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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



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**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

3715  
 Engr. Ubaid

**To:** Professional Construction Services Pvt. Ltd.  
 301-A, Block-R, Johar Town, Lahore.

**Project:** Construction of McDonald's Restaurant at 1-K Gulberg, Lahore.

**Our Ref. No.** CL/CED/ 9601

**Dated:** 18/8/2022

**Test Specification**

**Your Ref. No.** PCS/2022/Eng-85

**Dated:** 15/8/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 16/8/2022 **Tested on:** 18/8/2022 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 Columns (1:1.5:3)	7	8	2022	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
2	GF Columns (1:1.5:3)	7	8	2022	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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"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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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3715  
 Engr. Ubaid

**To:** Professional Construction Services Pvt. Ltd.  
 301-A, Block-R, Johar Town, Lahore.

**Project:** Construction of McDonald's Restaurant at 1-K Gulberg, Lahore.

**Our Ref. No.** CL/CED/ 9602

**Dated:** 18/8/2022

**Test Specification**

**Your Ref. No.** PCS/2022/Eng-84

**Dated:** 15/8/2022

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on:** 16/8/2022 **Tested on:** 18/8/2022 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	Plinth Beam's(1:2:4)	5	8	2022	6Diax12	---	13	28.28	56	4436	---	Non Engraved
2	Plinth Beam's(1:2:4)	5	8	2022	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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3719  
 Engr. Ubaid

To: Lt Col (Muhammad Mansha, Retd)  
 PM (JV), PEC Bldg. Proj. NLC Engineers-Tijaarat Developers.

Project: Construction of PEC Reegional Office, Lahore. (Mumty Slab, OHWT Slab, Lift Slab, & Stair Case No.1 Slab).

Our Ref. No. CL/CED/ 9603

Dated: 18/8/2022

Test Specification

Your Ref. No. 901/NLC-TD (JV)/PEC/802

Dated: 16/8/2022

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **16/8/2022** Tested on: **18/8/2022** 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	#1814	19	7	2022	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	#1817	19	7	2022	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
3	#1821	19	7	2022	6Diax12	---	13	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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**ORIGINAL**  
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3711  
 Engr. Ubaid

To: Mr. Mohammad Babar Ali  
 Project Manager, Super Tech Services

Project: Nil

Our Ref. No. CL/CED/ 9604

Dated: 18/8/2022

Test Specification

Your Ref. No. VFP/EB/STS/22/12

Dated: 15/8/2022

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 15/8/2022 Tested on: 18/8/2022 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	4450 Psi	30	7	2022	6 x 6 x 6	---	8.2	36	89	5538	---	Non Engraved
2	4450 Psi	30	7	2022	6 x 6 x 6	---	8.2	36	86	5351	---	Non Engraved
3	4450 Psi	30	7	2022	6 x 6 x 6	---	8.4	36	70	4356	---	Non Engraved
4	4450 Psi	31	7	2022	6 x 6 x 6	---	8.4	36	66	4107	---	Non Engraved
5	4450 Psi	31	7	2022	6 x 6 x 6	---	8.2	36	66	4107	---	Non Engraved
6	4450 Psi	31	7	2022	6 x 6 x 6	---	8.6	36	61	3796	---	Non Engraved
7	4450 Psi	1	8	2022	6 x 6 x 6	---	8.6	36	76	4729	---	Non Engraved
8	4450 Psi	1	8	2022	6 x 6 x 6	---	8.8	36	65	4044	---	Non Engraved
9	4450 Psi	1	8	2022	6 x 6 x 6	---	8.6	36	71	4418	---	Non Engraved
10	1500 Psi	7	8	2022	6 x 6 x 6	---	8	36	18	1120	---	Non Engraved
11	1500 Psi	7	8	2022	6 x 6 x 6	---	8.2	36	19	1182	---	Non Engraved
12	1500Psi	7	8	2022	6 x 6 x 6	---	8	36	17	1058	---	Non Engraved
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
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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

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- The test results are recommended to be interpreted in the light of above factors by the engineer.

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Director/Dy. Director Concrete Laboratory



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**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

3697  
 Engr. Ubaid

To: Resident Engineer  
 ESS-I-AAR Consultants

Project: Drainage, Sewerage, Soling/Resoling, Tuff Tiles Drains and Bridges (Puliyar) in Tehsil Kamalia & Tehsil Pir Mahal District T.T.Singh (ADP No. 1950 of 2021-22).

Our Ref. No. CL/CED/ 9605

Dated: 18/8/2022

Test Specification

Your Ref. No. 165/PHED

Dated: 20/7/2022

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**COMPRESSION TEST REPORT**



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

Specimens received on: **11/08/2022** Tested on: **18/8/2022** 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, Grey 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2735	30.81	59	4290	---	---
2	Rectangular, Grey 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2780	30.81	70	5089	---	---
3	Rectangular, Grey 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2680	30.81	76	5525	---	---
4	Rectangular, Red 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2615	30.81	57	4144	---	---
5	Rectangular, Red 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2690	30.81	64	4653	---	---
6	Rectangular, Red 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2690	30.81	38	2763	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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





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

3697  
 Engr. Ubaid

To: Resident Engineer  
 ESS-I-AAR Consultants

Project: Drainage, Sewerage, Soling/Resoling, Tuff Tiles Drains and Bridges in Tehsil Kamalia District  
 T.T.Singh (ADP NO. 1956 of 2021-22)  
 Our Ref. No. CL/CED/ 9606

Dated: 18/8/2022

Test Specification

Your Ref. No. 169/PHED

Dated: 20/7/2022

( --- )

**COMPRESSION TEST REPORT**



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

Specimens received on: **11/08/2022** Tested on: **18/8/2022** 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, Grey 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2790	30.81	56	4071	---	---
2	Rectangular, Grey 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2895	30.81	62	4508	---	---
3	Rectangular, Grey 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2965	30.81	44	3199	---	---
4	Rectangular, Red 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2635	30.81	67	4871	---	---
5	Rectangular, Red 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2800	30.81	62	4508	---	---
6	Rectangular, Red 60mm	---	---	---	7.9 x 3.9 x 2.3	---	2785	30.81	66	4798	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" cylinder) strength at 28 days as compressive strength

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

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Director/Dy. Director Concrete Laboratory