



**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.

3218  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 Highway Sub Division No.1, Lahore.

**Project:** Rehabilitation of Carpet Road in UC 86, 87, 88 NA-130 in District Lahore.

**Our Ref. No.** CL/CED/ 8821

**Dated:** 20-05-22

**Test Specification**

**Your Ref. No.** 12/SDO-I

**Dated:** 20-01-22

( --- )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 28-04-22 **Tested on:** 19-05-22 **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	2S5	---	---	---	8.7 x 4.2 x 2.8	---	3040	36.54	40	2452	---	---
2	2S5	---	---	---	8.6 x 4.3 x 2.8	---	3130	36.98	50	3029	---	---
3	2S5	---	---	---	8.8 x 4.3 x 2.8	---	3120	37.84	48	2841	---	---
4	2S5	---	---	---	8.7 x 4.3 x 2.9	---	3180	37.41	38	2275	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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**



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

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

3228  
 Engr. Ubaid

**To:** (Muhammad Asif), Site Administrator  
 Bismillah Housing Society Phase-II, Mustafabad (Laliani), Lahore.

**Project:** Head Office Wall and Lift.

**Our Ref. No.** CL/CED/ 8822

**Dated:** 20-05-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 09-05-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **09-05-22** Tested on: **19-05-22** 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	3000 Psi	16	4	2022	6Diax12	---	13	28.28	18	1426	---	Engraved
2	3000 Psi	16	4	2022	6Diax12	---	12.2	28.28	16	1267	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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3228  
 Engr. Ubaid

**To:** (Muhammad Asif), Site Administrator  
 Bismillah Housing Society Phase-II, Mustafabad (Laliani), Lahore.

**Project:** Head Office Parapet

**Our Ref. No.** CL/CED/ 8823

**Dated:** 20-05-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 09-05-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 09-05-22 **Tested on:** 19-05-22 **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	3000 Psi	2	4	2022	6Diax12	---	12.8	28.28	26	2059	---	Engraved
2	3000 Psi	2	4	2022	6Diax12	---	13.8	28.28	30	2376	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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3228  
 Engr. Ubaid

**To:** (Muhammad Asif), Site Administrator  
 Bismillah Housing Society Phase-II, Mustafabad (Laliani), Lahore.

**Project:** Head Office Water Tank and Lift

**Our Ref. No.** CL/CED/ 8824

**Dated:** 20-05-22

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 09-05-22

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 09-05-22 **Tested on:** 19-05-22 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	3000 Psi	24	4	2022	6Diax12	---	13	28.28	24	1901	---	Engraved
2	3000 Psi	24	4	2022	6Diax12	---	13	28.28	23	1822	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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3255  
 Engr. Ubaid

**To: Sub Divisional Officer**  
 Buildings Sub Division No.12, Lahore.

**Project: Establishment of Govt. Technical Training Institute for Women Sabzazar, District, Lahore.**

**Our Ref. No. CL/CED/ 8825**

**Dated: 20-05-22**

**Test Specification**

**Your Ref. No. 210**

**Dated: 12-05-22**

**( BS 1881-116 )**

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

**Specimens received on: 13-05-22      Tested on: 19-05-22      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	Columns for OHR (1:1.5:3)	16	4	2022	6x6x6	---	8.4	36	86	5351	---	Non Engraved
2	Columns for OHR (1:1.5:3)	16	4	2022	6x6x6	---	8.4	36	102	6347	---	Non Engraved
3	Columns for OHR (1:1.5:3)	16	4	2022	6x6x6	---	8.6	36	97	6036	---	Non Engraved
4	Columns for OHR (1:1.5:3)	16	4	2022	6x6x6	---	8.2	36	100	6222	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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
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3255  
 Engr. Ubaid

To: Sub Divisional Officer  
 Buildings Sub Division No.12, Lahore.

Project: Establishment of Govt. Technical Training Institute for Women Sabzazar, District, Lahore.

Our Ref. No. CL/CED/ 8826

Dated: 20-05-22

Test Specification

Your Ref. No. 204

Dated: 12-05-22

( BS 1881-116 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 13-05-22 Tested on: 19-05-22 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	Col. for Boundary W. (1:2:4)	13	3	2022	6x6x6	---	8.8	36	96	5973	---	Non Engraved
2	Col. for Boundary W. (1:2:4)	13	3	2022	6x6x6	---	8.6	36	76	4729	---	Non Engraved
3	Col. for Boundary W. (1:2:4)	13	3	2022	6x6x6	---	8.6	36	62	3858	---	Non Engraved
4	Col. for Boundary W. (1:2:4)	13	3	2022	6x6x6	---	8.4	36	83	5164	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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3255  
 Engr. Ubaid

**To:** Sub Divisional Officer  
 Buildings Sub Division No.12, Lahore.

**Project:** Establishment of Govt. Technical Training Institute for Women Sabzazar, District, Lahore.

**Our Ref. No.** CL/CED/ 8827

**Dated:** 20-05-22

**Test Specification**

**Your Ref. No.** 208

**Dated:** 12-05-22

( BS 1881-116 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

**Specimens received on:** 13-05-22 **Tested on:** 19-05-22 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	Raft for OHR (1:2:4)	15	4	2022	6x6x6	---	8.2	36	92	5724	---	Non Engraved
2	Raft for OHR (1:2:4)	15	4	2022	6x6x6	---	8.4	36	98	6098	---	Non Engraved
3	Raft for OHR (1:2:4)	15	4	2022	6x6x6	---	8.4	36	65	4044	---	Non Engraved
4	Raft for OHR (1:2:4)	15	4	2022	6x6x6	---	8.6	36	69	4293	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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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3255  
 Engr. Ubaid

**To: Sub Divisional Officer**  
 Buildings Sub Division No.12, Lahore.

**Project: Establishment of Govt. Technical Training Institute for Women Sabzazar, District, Lahore.**

**Our Ref. No. CL/CED/ 8828**

**Dated: 20-05-22**

**Test Specification**

**Your Ref. No. 202**

**Dated: 12-05-22**

**( BS 1881-116 )**

**COMPRESSION TEST REPORT**



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

**Specimens received on: 13-05-22    Tested on: 19-05-22    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	Isolated Col for B.W (1:2:4)	12	3	2022	6x6x6	---	8.6	36	77	4791	---	Non Engraved
2	Isolated Col for B.W (1:2:4)	12	3	2022	6x6x6	---	8.2	36	63	3920	---	Non Engraved
3	Isolated Col for B.W (1:2:4)	12	3	2022	6x6x6	---	8.6	36	87	5413	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**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**