



**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.

6493  
 Dr. Umbreen

To: Engr. Haseeb Afzal  
 Project Manager, HMB Developers Pvt. Ltd

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (B1 Shear Wall F'-G'/1-3)

Our Ref. No. CL/CED/ 3889

Dated: 05-01-24

Test Specification

Your Ref. No. HMBDPL/S.O/01/24/84th (LHR)

Dated: 04-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04-01-24 Tested on: 05-01-24 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	CT-67 (6000 Psi)	7	12	2023	6Diax12	---	13	28.28	62	4911	---	Non Engraved
2	CT-67 (6000 Psi)	7	12	2023	6Diax12	---	13.8	28.28	68	5386	---	Non Engraved
3	CT-67 (6000 Psi)	7	12	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- \* 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.

6466  
Dr. Umbreen

**To:** Mr. Muhammad Mohsin  
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.  
Project: Storm Water Drainage System from Haji Camp to River Ravi via Lakshmi Chowk, McLeod Road, Nabha Road, Chuburji and Sham Nagar, Lahore (Package-I)  
Our Ref. No. CL/CED/ 3890  
Your Ref. No. 3882/11/MM/01/341

Dated: 05-01-24

Test Specification

Dated: 29/12/2023

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 29/12/2023 Tested on: 05-01-24 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	Manhole Bed (4000 Psi)	1	12	2023	6Diax12	---	13.4	28.28	90	7129	---	Non Engraved
2	Manhole Bed (4000 Psi)	1	12	2023	6Diax12	---	13.4	28.28	92	7287	---	Non Engraved
3	Manhole Bed (4000 Psi)	1	12	2023	6Diax12	---	13.6	28.28	105	8317	---	Non Engraved
4	Manhole Walls (4000 Psi)	24	12	2023	6Diax12	---	14	28.28	66	5228	---	Non Engraved
5	Manhole Walls (4000 Psi)	24	12	2023	6Diax12	---	13	28.28	62	4911	---	Non Engraved
6	Manhole Walls (4000 Psi)	24	12	2023	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- \* 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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Director/Dy. Director Concrete Laboratory



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6479  
 Dr. Umbreen

To: Engr. Hamza  
 Site Engineer, Architects InDesign, 2nd Floor, 46-C1, Gulberg-III, Lahore

Project: Commercial Building Plan- Total No. of Floors = 14 - Height of the Building = +170

Our Ref. No. CL/CED/ 3891

Dated: 05-01-24

Test Specification

Your Ref. No. Nil

Dated: 02-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  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	4	12	2023	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	4000 Psi	4	12	2023	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	4000 Psi	4	12	2023	6Diax12	---	13	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- \* 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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6479  
 Dr. Umbreen

To: Engr. Hamza  
 Site Engineer, Architects InDesign, 2nd Floor, 46-C1, Gulberg-III, Lahore

Project: Commercial Building Plan- Total No. of Floors = 14 - Height of the Building = +170

Our Ref. No. CL/CED/ 3892

Dated: 05-01-24

Test Specification

Your Ref. No. Nil

Dated: 02-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 03-01-24      Tested on: 05-01-24      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	5000 Psi	4	12	2023	6Diax12	---	13	28.28	94	7446	---	Non Engraved
2	5000 Psi	4	12	2023	6Diax12	---	12.6	28.28	93	7366	---	Non Engraved
3	5000 Psi	4	12	2023	6Diax12	---	13	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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ORIGINAL  
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6480  
 Dr. Umbreen

To: Mr. Muhammad Tariq  
 Project Manager, For United Life styles Pvt. Ltd.

Project: Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore.

Our Ref. No. CL/CED/ 3893

Dated: 05-01-24

Test Specification

Your Ref. No. ULS/2021-22-23/054

Dated: 03-01-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 03-01-24    Tested on: 05-01-24    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	6	12	2023	6Diax12	---	13	28.28	31	2455	---	Non Engraved
2	3000 Psi	6	12	2023	6Diax12	---	13	28.28	30	2376	---	Non Engraved
3	3000 Psi	6	12	2023	6Diax12	---	12.4	28.28	30	2376	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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

6471  
 Dr. M. Burhan

**To: Mr. Muhammad Asif**  
 Project Manager, Imperium Developers, 21-GF, 67 D/1 Gulberg III, Lahore

**Project: Construction of Sixty6 at Gulberg-III Lahore**

**Our Ref. No. CL/CED/ 3894**

**Dated: 05-01-24**

**Test Specification**

**Your Ref. No. IMP/66/09/131**

**Dated: 01-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  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	3500 Psi	3	11	2023	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	3500 Psi	3	11	2023	6Diax12	---	13	28.28	79	6257	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by: Mr. Muhammad Tahir Ayaz, CNIC # 35202-3320913-1**

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

- \* 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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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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ORIGINAL  
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6471  
 Dr. M. Burhan

**To: Mr. Muhammad Asif**  
 Project Manager, Imperium Developers, 21-GF, 67 D/1 Gulberg III, Lahore

**Project: Construction of Sixty6 at Gulberg-III Lahore**

**Our Ref. No. CL/CED/ 3895**

**Dated: 05-01-24**

**Test Specification**

**Your Ref. No. IMP/66/09/132**

**Dated: 01-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on:  Tested on:  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	3500 Psi	10	11	2023	6Diax12	---	13.8	28.28	81	6416	---	Non Engraved
2	3500 Psi	10	11	2023	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by: Mr. Muhammad Tahir Ayaz, CNIC # 35202-3320913-1**

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

- \* as engraved on the specimens (if any)
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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

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

6471  
 Dr. M. Burhan

**To: Mr. Muhammad Asif**  
 Project Manager, Imperium Developers, 21-GF, 67 D/1 Gulberg III, Lahore

**Project: Construction of Sixty6 at Gulberg-III Lahore**

**Our Ref. No. CL/CED/ 3896**

**Dated: 05-01-24**

**Test Specification**

**Your Ref. No. IMP/66/09/133**

**Dated: 01-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on: **01-01-24** Tested on: **05-01-24** 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	5000 Psi	12	11	2023	6Diax12	---	13.6	28.28	79	6257	---	Non Engraved
2	5000 Psi	12	11	2023	6Diax12	---	14	28.28	89	7050	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by: Mr. Muhammad Tahir Ayaz, CNIC # 35202-3320913-1**

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

- \* 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.

6471  
 Dr. M. Burhan

**To: Mr. Muhammad Asif**  
 Project Manager, Imperium Developers, 21-GF, 67 D/1 Gulberg III, Lahore

**Project: Construction of Sixty6 at Gulberg-III Lahore**

**Our Ref. No. CL/CED/ 3897**

**Dated: 05-01-24**

**Test Specification**

**Your Ref. No. IMP/66/09/134**

**Dated: 01-01-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on: **01-01-24** Tested on: **05-01-24** 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	5000 Psi	21	11	2023	6Diax12	---	13.4	28.28	83	6574	---	Non Engraved
2	5000 Psi	21	11	2023	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Mr. Muhammad Tahir Ayaz, CNIC # 35202-3320913-1**

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

- \* 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.

6469  
 Dr. Umbreen

**To: Assistant Resident Engineer**  
**JERS Consultancy (Pvt) Ltd.**

**Project: PCP (Phase-II) Construction of Parking Shed in MC, Wazirabad.**

**Our Ref. No. CL/CED/ 3898**

**Dated: 05-01-24**

**Test Specification**

**Your Ref. No. 488-J01/JERS/PMDFC/MC/WZD/26**

**Dated: 07-11-23**

**( BS 1881-116 )**

**COMPRESSION TEST REPORT**



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

**Specimens received on: 01-01-24    Tested on: 05-01-24    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	Foundation (1:2:4)	13	9	2023	6x6x6	---	8	36	56	3484	---	Engraved
2	Foundation (1:2:4)	13	9	2023	6x6x6	---	8	36	56	3484	---	Engraved
3	Foundation (1:2:4)	13	9	2023	6x6x6	---	8.4	36	58	3609	---	Engraved
4	Column (1:1.5:3)	2	9	2023	6x6x6	---	8	36	46	2862	---	Engraved
5	Column (1:1.5:3)	2	9	2023	6x6x6	---	8	36	46	2862	---	Engraved
6	Column (1:1.5:3)	2	9	2023	6x6x6	---	8	36	50	3111	---	Engraved
7	Roof Slab (1:2:4)	11	10	2023	6x6x6	---	8	36	78	4853	---	Engraved
8	Roof Slab (1:2:4)	11	10	2023	6x6x6	---	7.6	36	87	5413	---	Engraved
9	Roof Slab (1:2:4)	11	10	2023	6x6x6	---	8	36	88	5476	---	Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

- \* 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

- 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.

6449  
 Dr. M. Mazhar

To: ANH Developers Pvt. Ltd.  
 91 Block-B, Phase-V, D.H.A Lahore.

Project: ANH Developers Pvt. Ltd.

Our Ref. No. CL/CED/ 3899

Dated: 05-01-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 27-12-23    Tested on: 03-01-24    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	5000 Psi	13	12	2023	6Diax12	---	13	28.28	54	4277	---	Non Engraved
2	5000 Psi	13	12	2023	6Diax12	---	13	28.28	49	3881	---	Non Engraved
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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
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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