



**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.

7332  
 Engr. A. Rehman

**To: Mr. M Husnain Jaffar**  
 Project Manager, 7 Canal Developers.

**Project: Construction of 7 Canal Residential Apartment Buildings**

**Our Ref. No. CL/CED/ 5156**

**Dated: 27-06-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 24-06-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on: 24-06-24    Tested on: 27-06-24    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	RW	10	6	2024	6Diax12	---	15	28.28	35	2772	---	Non Engraved
2	RW	10	6	2024	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
3	RW	13	6	2024	6Diax12	---	14.2	28.28	40	3168	---	Non Engraved
4	RW	13	6	2024	6Diax12	---	13.8	28.28	26	2059	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by: Mr. Husnain**

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

7348  
 Engr. A. Rehman

To: Project Manager  
 Sunshine Health Care Private Limited

Project: Construction of Sunshine Medical Tower Shahdra.

Our Ref. No. CL/CED/ 5157

Dated: 27-06-24

Test Specification

Your Ref. No. Nil

Dated: 25-06-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 26-06-24      Tested on: 27-06-24      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	Field Cured	8	6	2024	6Diax12	---	14.2	28.28	55	4356	---	Non Engraved
2	Field Cured	8	6	2024	6Diax12	---	14.8	28.28	54	4277	---	Non Engraved
3	Dipped Cured	8	6	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	Dipped Cured	8	6	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
5	Field Cured	14	6	2024	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
6	Dipped Cured	14	6	2024	6Diax12	---	14.2	28.28	62	4911	---	Non Engraved
7	Dipped Cured	14	6	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
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

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**ORIGINAL**  
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7312  
 Engr. A. Rehman

**To: Mr. M. Usman Rauf**  
 Resident Engineer, NESPAK (Pvt.) Ltd. Highways and Transportation Engineering Division.  
 Project: Construction of Carpet & PCC at Iqbal High School Road 3-D-II, Link Street of Iqbal High School Road H# 193, D-II Awan Street H # 149, 3-D-II & Lakkar Stop Road, 5-D-II, Green Town UC-237 NA-133, Nishtar  
 Our Ref. No. CL/CED/ 5158      Dated: 27-06-24  
 Your Ref. No. 4084/103/MUR/104/1865      Dated: 12-06-24

**Test Specification**  
 ( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 13-06-24 Tested on: 27-06-24 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	PSL	---	---	---	8.9 x 4.3 x 3	3950	3585	38.27	46	2692	10.18	---
2	PSL	---	---	---	8.9 x 4.3 x 3	3975	3690	38.27	44	2575	7.72	---
3	PSL	---	---	---	8.8 x 4.2 x 3	4025	3685	36.96	48	2909	9.23	---
4	PSL	---	---	---	8.8 x 4.2 x 3	3890	3640	36.96	52	3152	6.87	---
5	PSL	---	---	---	8.8 x 4.2 x 3.1	3955	3635	36.96	49	2970	8.8	---
6	PSL	---	---	---	8.8 x 4.3 x 3	3950	3600	37.84	55	3256	9.72	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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7285  
 Engr. A. Rehman

**To:** Deputy Director Technical  
 Anti-Corruption Establishment Region, Bahawalpur.

**Project:** Enquiry No.732/2023 at ACE Bahawalpur Region.

**Our Ref. No.** CL/CED/ 5159-1 of 2

**Dated:** 27-06-24

Test Specification

**Your Ref. No.** ACE-BR-DDT-BWP.No.916-A

**Dated:** 08-06-24

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 10-06-24 **Tested on:** 27-06-24 **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	Pan Patta	---	---	---	8.7 x 4.2 x 2.8	---	2685	36.54	46	2820	---	Used Sample
2	Pan Patta	---	---	---	8.9 x 4.2 x 2.8	---	2585	37.38	40	2397	---	Used Sample
3	Pan Patta	---	---	---	8.6 x 4.2 x 2.8	---	2615	36.12	49	3039	---	Used Sample
4	Pan Patta	---	---	---	8.8 x 4.2 x 2.9	---	2610	36.96	44	2667	---	Used Sample
5	Pan Patta	---	---	---	8.8 x 4.2 x 2.9	---	2730	36.96	44	2667	---	Used Sample
6	Pan Patta	---	---	---	8.6 x 4.2 x 2.8	---	2590	36.12	53	3287	---	Used Sample
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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To: Deputy Director Technical  
 Anti-Corruption Establishment Region, Bahawalpur.

Project: Enquiry No.732/2023 at ACE Bahawalpur Region.

Our Ref. No. CL/CED/ 5159-2 of 2

Dated: 27-06-24

Test Specification

Your Ref. No. ACE-BR-DDT-BWP.No.916-A

Dated: 08-06-24

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 10-06-24      Tested on: 27-06-24      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	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2890	30.42	108	7953	---	Used Sample
2	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2865	30.42	113	8321	---	Used Sample
3	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2820	30.42	95	6995	---	Used Sample
4	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2870	30.42	125	9204	---	Used Sample
5	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2835	30.42	85	6259	---	Used Sample
6	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2850	30.42	101	7437	---	Used Sample
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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7284  
 Engr. A. Rehman

To: Deputy Director Technical  
 Anti-Corruption Establishment Region, Bahawalpur.

Project: FIR No.07/2022 at PS ACE BWP.

Our Ref. No. CL/CED/ 5160-1 of 2

Dated: 27-06-24

Test Specification

Your Ref. No. ACE-BR-DDT-BWP.No.915

Dated: 08-06-24

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

Specimens received on: 10-06-24 Tested on: 27-06-24 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	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	2725	36.96	50	3030	---	Used Sample
2	Machine Made Double Line	---	---	---	8.8 x 4 x 2.8	---	2670	35.2	50	3182	---	Used Sample
3	Machine Made Double Line	---	---	---	9 x 4.1 x 2.9	---	2695	36.9	36	2185	---	Used Sample
4	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.8	---	2600	35.7	48	3012	---	Used Sample
5	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	2790	36.96	44	2667	---	Used Sample
6	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.8	---	2740	36.96	46	2788	---	Used Sample
7	Machine Made Double Line	---	---	---	8.9 x 4.2 x 2.8	---	2685	37.38	44	2637	---	Used Sample
8	Machine Made Double Line	---	---	---	8.6 x 4.1 x 2.9	---	2745	35.26	46	2922	---	Used Sample
9	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.9	---	2515	36.12	50	3101	---	Un-Used Sample
10	Machine Made Double Line	---	---	---	8.8 x 4.2 x 2.7	---	2670	36.96	46	2788	---	Un-Used Sample
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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To: Deputy Director Technical  
 Anti-Corruption Establishment Region, Bahawalpur.

Project: FIR No.07/2022 at PS ACE BWP..

Our Ref. No. CL/CED/ 5160-2 of 2

Dated: 27-06-24

Test Specification

Your Ref. No. ACE-BR-DDT-BWP.No.915

Dated: 24-06-24

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 24-06-24      Tested on: 27-06-24      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	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2825	30.42	105	7732	---	Used Sample
2	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2890	30.42	117	8615	---	Used Sample
3	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	3035	30.42	127	9352	---	Used Sample
4	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2890	30.42	111	8174	---	Used Sample
5	Rectangular, Grey, 60mm	---	---	---	7.8x3.9x2.3	---	2895	30.42	123	9057	---	Used Sample
6	Rectangular, Red, 60mm	---	---	---	7.8x3.8x2.3	---	2525	29.64	62	4686	---	Used Sample
7	Rectangular, Red, 60mm	---	---	---	7.8x3.8x2.3	---	2535	29.64	60	4534	---	Used Sample
8	Rectangular, Red, 60mm	---	---	---	7.8x3.8x2.3	---	2670	29.64	103	7784	---	Used Sample
9	Rectangular, Red, 60mm	---	---	---	7.8x3.8x2.3	---	2555	29.64	54	4081	---	Used Sample
10	Rectangular, Red, 60mm	---	---	---	7.8x3.8x2.3	---	2700	29.64	107	8086	---	Used Sample
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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7302  
 Engr. A. Rehman

To: Mr. Naveed Sultan  
 Access Engineering (Pvt.) Ltd.

Project: Construction of AE Workshop.

Our Ref. No. CL/CED/ 5161

Dated: 27-06-24

Test Specification

Your Ref. No. AE/INS-24-02

Dated: 12-06-24

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## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 12-06-24      Tested on: 27-06-24      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	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3790	29.64	74	5592	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3815	29.64	74	5592	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3680	29.64	87	6575	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2780	29.64	95	7179	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2750	29.64	83	6273	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8x3.8x2.4	---	2670	29.64	65	4912	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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" 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