



**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.

6860  
 Dr. Aqsa

To: Mr. Bilal Hayder  
 C.E.O. The Property Maintenance Company.

Project: Construction of Retrofitting Building #1 at Descon DHQ, Lahore.

Our Ref. No. CL/CED/ 4469

Dated: 19-03-24

Test Specification

Your Ref. No. Nil

Dated: 12-03-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 13-03-24 Tested on: 19/03/2024 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	Cylinder No.6 (D1, B4)	19	2	2024	6Diax12	---	12.8	28.28	81	6416	---	Non Engraved
2	Cylinder No.7 (C1, A2, D2)	20	2	2024	6Diax12	---	12.8	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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



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6847  
 Dr. Aqsa

**To: Mr. Muhammad Shafeeq**  
 Manager Operations, Indigo Signature Apartments

**Project: Indigo Signature Apartments.**

**Our Ref. No. CL/CED/ 4470**

**Dated: 19-03-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 11-03-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

Specimens received on: **11-03-24** Tested on: **19/03/2024** 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	Retaining Wall (6000 Psi)	12	2	2024	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
2	Retaining Wall (6000 Psi)	12	2	2024	6Diax12	---	13	28.28	59	4673	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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**



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6847  
 Dr. Aqsa

**To:** Mr. Muhammad Shafeeq  
 Manager Operations, Indigo Signature Apartments.

**Project:** Indigo Signature Apartments.

**Our Ref. No. CL/CED/ 4471**

**Dated: 19-03-24**

**Test Specification**

**Your Ref. No. Nil**

**Dated: 11-03-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 11-03-24 **Tested on:** 19/03/2024 **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)	24	2	2024	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
2	(4000 Psi)	24	2	2024	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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6872  
 Dr. Aqsa

**To:** Admin Manager  
 RF CONSTRUCTION, MA Johar Town, Lahore.

**Project:** Nil

**Our Ref. No. CL/CED/ 4472**

**Dated: 19-03-24**

**Test Specification**

**Your Ref. No. 160/03/2024/MISC/by hand**

**Dated: 14-03-24**

**(ASTM C39)**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 15-03-24 **Tested on:** 19/03/2024 **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	(4500 Psi)	17	2	2024	6Diax12	---	13	28.28	46	3644	---	Non Engraved
2	(4500 Psi)	17	2	2024	6Diax12	---	13	28.28	42	3327	---	Non Engraved
3	(4500 Psi)	17	2	2024	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

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- \*\* 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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6873  
Dr. Aqsa

To: Mr. Muhammad Mohsin  
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd.  
Project: Construction of Storm Water Drainage System from Sham Nagar to River Ravi (Package-II).  
(Contractor: M/s MWEB-ARCC (JV))  
Our Ref. No. CL/CED/ 4473  
Your Ref. No. 3882/11/MM/01/359

Dated: 19-03-24  
Dated: 14-03-24

Test Specification  
(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 15-03-24 Tested on: 19/03/2024 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	Bottom Slab / Wall (4000 Psi)	16	2	2024	6Diax12	---	14	28.28	95	7525	---	Non Engraved
2	Bottom Slab / Wall (4000 Psi)	16	2	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	Bottom Slab / Wall (4000 Psi)	16	2	2024	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
4	Bottom Slab / Wall (4000 Psi)	17	2	2024	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
5	Bottom Slab / Wall (4000 Psi)	17	2	2024	6Diax12	---	14.4	28.28	100	7921	---	Non Engraved
6	Bottom Slab / Wall (4000 Psi)	17	2	2024	6Diax12	---	13.6	28.28	49	3881	---	Non Engraved
7	Wall (4000 Psi)	18	2	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
8	Wall (4000 Psi)	18	2	2024	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
9	Wall (4000 Psi)	18	2	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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