



**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.

319  
 Dr. Umbreen

**To:** JR Private Limited  
 Cavalry Ground Ext. Lahore Cantt.

**Project:** Construction of Production Hall M/S Airlink Communication (Pvt) Ltd. & Select Technologies (Pvt) Ltd. at Sundar Greens Lahore

**Our Ref. No.** CL/CED/ 9695

**Dated:** 15/10/2025

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 10/09/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 13/10/2025 **Tested on:** 15/10/2025 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	RCC Slab (P.H), 3000 Psi	4	7	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	RCC Slab (P.H), 3000 Psi	4	7	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	RCC Slab (P.H), 3000 Psi	4	7	2025	6Diax12	---	13.4	28.28	74	5861	---	Non Engraved
4	RCC Slab (P.H), 3000 Psi	22	7	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
5	RCC Slab (P.H), 3000 Psi	22	7	2025	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
6	RCC Slab (S.H), 3000 Psi	22	7	2025	6Diax12	---	13.6	28.28	74	5861	---	Non Engraved
7	RCC Slab (S.H), 3000 Psi	6	8	2025	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
8	RCC Slab (S.H), 3000 Psi	6	8	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
9	RCC Slab (S.H), 3000 Psi	6	8	2025	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
10	RCC Slab (S.H), 3000 Psi	8	8	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
11	RCC Slab (S.H), 3000 Psi	8	8	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
12	RCC Slab (S.H), 3000 Psi	8	8	2025	6Diax12	---	13.4	28.28	66	5228	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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
- \*\*\*\* AC1318-08 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

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322  
 Dr. Umbreen

To: **Mr. Adeel Rafique**  
**DORCHESTER (Pvt) Ltd, PECO Road, Lahore.**

**Project: Construction of Dorchester Apartment located near UCP Lahore (Apartment Floor)**

**Our Ref. No. CL/CED/ 9696**

**Dated: 15/10/2025**

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: **14/10/2025** Tested on: **15/10/2025** 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	11	9	2025	6Diax12	---	14	28.28	94	7446	---	Engraved
2	4500 Psi	11	9	2025	6Diax12	---	13.4	28.28	82	6495	---	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)
- 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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322  
 Dr. Umbreen

**To:** Mr. Adeel Rafique  
 DORCHESTER (Pvt) Ltd, PECO Road, Lahore.

**Project:** Construction of Dorchester Apartment located near UCP Lahore (Apartment Floor)

**Our Ref. No.** CL/CED/ 9697

**Dated:** 15/10/2025

**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:** 14/10/2025 **Tested on:** 15/10/2025 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	22	9	2025	6Diax12	---	13.4	28.28	84	6653	---	Engraved
2	3500 Psi	22	9	2025	6Diax12	---	13.4	28.28	84	6653	---	Engraved
3	3500 Psi	22	9	2025	6Diax12	---	13.6	28.28	84	6653	---	Engraved
4	3500 Psi	22	9	2025	6Diax12	---	13.2	28.28	90	7129	---	Engraved
5	3500 Psi	22	9	2025	6Diax12	---	13.4	28.28	78	6178	---	Engraved
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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

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 Dr. Umbreen

To: **Mr. Adeel Rafique**  
**DORCHESTER (Pvt) Ltd, PECO Road, Lahore**

**Project: Construction of Dorchester Apartment located near UCP Lahore (Apartment Floor)**

Our Ref. No. **CL/CED/ 9698**

Dated: **15/10/2025**

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: **14/10/2025** Tested on: **15/10/2025** 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	9	2025	6Diax12	---	13.4	28.28	82	6495	---	Engraved
2	4500 Psi	17	9	2025	6Diax12	---	13.6	28.28	78	6178	---	Engraved
3	4500 Psi	17	9	2025	6Diax12	---	13.2	28.28	74	5861	---	Engraved
4	4500 Psi	17	9	2025	6Diax12	---	13.8	28.28	76	6020	---	Engraved
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

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- 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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299  
 Dr. Umbreen

**To:** Dr Ashraf Chohan  
 DAC VENUES PVT. LTD. Shadman II, Jail road, Lahore.

**Project:** Construction of a Residential / Commercial Building located at 334 R Block, Johar Town, Lahore

**Our Ref. No.** CL/CED/ 9699

**Dated:** 15/10/2025

**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:** 8/10/2025 **Tested on:** 15/10/2025 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	9	8	2025	6Diax12	---	13	28.28	24	1901	---	Non Engraved
2	3000 Psi	9	8	2025	6Diax12	---	13	28.28	30	2376	---	Non Engraved
3	3000 Psi	9	8	2025	6Diax12	---	13.2	28.28	22	1743	---	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)
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
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323  
 Dr. Umbreen

**To:** Engr Riaz Ahmad  
 The Engineer's Rep/RE (A&D), NSICTR Project Lahore, Metroplan & Asian Consulting Engineers (Pvt)  
 Project: Establishment of Nawaz Sharif Institute of Cancer Treatment and Research, Lahore (Phase-1, Package A & D), (Pkg D, BMT 3rd Floor Cols C1-3 Nos and C10-one No, Grid D/G-7)  
 Our Ref. No. CL/CED/ 9700      Dated: 15/10/2025  
 Your Ref. No. Metroplan-Asian(JV), NSICTR-RE(A&D)/332      Dated: 13/10/2025

Test Specification  
 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: **14/10/2025** Tested on: **15/10/2025** 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 (Lab No. 545)	15	9	2025	6Diax12	---	14.4	28.28	84	6653	---	Non Engraved
2	5000 Psi (Lab No. 545)	15	9	2025	6Diax12	---	14.4	28.28	82	6495	---	Non Engraved
3	5000 Psi (Lab No. 545)	15	9	2025	6Diax12	---	14.4	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. Umbreen

**To:** Engr Riaz Ahmad  
 The Engineer's Rep/RE (A&D), NSICTR Project Lahore, Metroplan & Asian Consulting Engineers (Pvt)  
 Project: Establishment of Nawaz Sharif Institute of Cancer Treatment and Research, Lahore (Phase-1, Package A & D), (3rd Floor Slab Pkg D, BMT, Grid A/D-6/10)  
 Our Ref. No. CL/CED/ 9701      Dated: 15/10/2025  
 Your Ref. No. Metroplan-Asian(JV), NSICTR-RE(A&D)/333      Dated: 13/10/2025

Test Specification  
 ( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: **14/10/2025** Tested on: **15/10/2025** 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 (Lab No. 543)	14	9	2025	6Diax12	---	14	28.28	78	6178	---	Non Engraved
2	4000 Psi (Lab No. 543)	14	9	2025	6Diax12	---	14.4	28.28	74	5861	---	Non Engraved
3	4000 Psi (Lab No. 543)	14	9	2025	6Diax12	---	14.4	28.28	66	5228	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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- \* as engraved on the specimens (if any)
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324  
 Dr. Umbreen

**To: Mr. Farhan Tariq Khan**  
 Project Manager, The First Brick (SMC Pvt) Ltd

**Project: Ravi Business Centre**

**Our Ref. No. CL/CED/ 9702**

**Dated: 15/10/2025**

**Test Specification**

**Your Ref. No. TFB/RBC/Ref-0011**

**Dated: 13/10/2025**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 14/10/2025    Tested on: 15/10/2025    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	9	2025	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
2	5000 Psi	12	9	2025	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
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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**



**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.

326  
 Dr. Umbreen

**To: CW Manager**  
 ARCON, 7th Floor, Khudadad Heights, E-11, Islamabad

**Project: Site ID EN2-SWB-09901; Structure: Tower Column Foundation, DG & ODU Foundation**

**Our Ref. No. CL/CED/ 9703**

**Dated: 15/10/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: Nil**

**( BS 1881-116 )**

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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	(1:1.5:3 and 1:4:8)	16	9	2025	6x6x6	---	8.2	36	94	5849	---	Non Engraved
2	(1:1.5:3 and 1:4:8)	16	9	2025	6x6x6	---	8.4	36	56	3484	---	Non Engraved
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

**Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>**

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 Dr. Umbreen

**To: CW Manager**  
 ARCON, 7th Floor, Khudadad Heights, E-11, Islamabad

**Project: Site ID EN2-SWB-09901; Structure: Tower Raft Foundation**

**Our Ref. No. CL/CED/ 9704**

**Dated: 15/10/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: Nil**

**( BS 1881-116 )**

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		DD	MM	YYYY								
1	(1:1.5:3 and 1:4:8)	15	9	2025	6x6x6	---	8	36	106	6596	---	Non Engraved
2	(1:1.5:3 and 1:4:8)	15	9	2025	6x6x6	---	8.2	36	90	5600	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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