



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.

7276
Dr. M. Yousaf

To: Mr. M. Arslan Khaleel
Assistant Store Keeper, M/S Amanah Noor Residence, Wapda Town, Lahore.

Project: 8th to 9th Floor.

Our Ref. No. CL/CED/ 5067

Dated: 12/06/2024

Test Specification

Your Ref. No. Nil

Dated: 07/06/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 07/06/2024 Tested on: 11/06/2024 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	---	31	5	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	---	31	5	2024	6Diax12	---	14	28.28	38	3010	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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.

7260
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore.

Project: CONSTRUCTION OF SHORING WORKS AT KINGDOM ARENA . RUDA, LAHORE

Our Ref. No. CL/CED/ 5068

Dated: 12/06/2024

Test Specification

Your Ref. No. ICC 01/Ruda

Dated: 03/06/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **4/6/2024** Tested on: **12/06/2024** 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	---	24	4	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	---	24	4	2024	6Diax12	---	14	28.28	85	6733	---	Non Engraved
3	---	24	4	2024	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
4	---	25	4	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
5	---	25	4	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
6	---	25	4	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
7	---	29	4	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
8	---	29	4	2024	6Diax12	---	14.2	28.28	83	6574	---	Non Engraved
9	---	29	4	2024	6Diax12	---	14	28.28	76	6020	---	Non Engraved
10	---	30	4	2024	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
11	---	30	4	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
12	---	30	4	2024	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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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- **** AC1318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7249
Dr. M. Mazhar

To: Sub Divisional Officer
Sub Division No. 17, GOR-I, Lahore

Project: Construction of Balance Work "Punjab Small Industries Corporation House", Davis Road, Lahore

Our Ref. No. CL/CED/ 5069

Dated: 12/06/2024

Test Specification

Your Ref. No. SDO/1290

Dated: 27/5/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 3/6/2024 Tested on: 12/06/2024 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	B-46	3	5	2024	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
2	C-32	14	4	2024	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
3	Beam-45	3	5	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
4	Beam-G	27	4	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
5	Beam-F	27	4	2024	6Diax12	---	13.2	28.28	52	4119	---	Non Engraved
6	C-14	16	4	2024	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
7	C-13	15	4	2024	6Diax12	---	13.2	28.28	56	4436	---	Non Engraved
8	C-30	1	4	2024	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
9	C-12	13	3	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
10	C-21	13	4	2024	6Diax12	---	13	28.28	48	3802	---	Non Engraved
11	C-22	14	4	2024	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
12	BG-2	22	4	2024	6Diax12	---	13	28.28	54	4277	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5070**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	28	11	2023	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	---	28	11	2023	6Diax12	---	13.2	28.28	38	3010	---	Non 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5071**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	24	2	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
2	---	24	2	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	---	24	2	2024	6Diax12	---	14.4	28.28	46	3644	---	Non Engraved
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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5072**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	27	11	2023	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
2	---	27	11	2023	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	---	27	11	2023	6Diax12	---	13	28.28	44	3485	---	Non Engraved
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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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5073**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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
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4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5074**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	11	1	2024	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
2	---	11	1	2024	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
3	---	11	1	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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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.

7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5075**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	6	1	2024	6Diax12	---	14	28.28	91	7208	---	Non Engraved
2	---	6	1	2024	6Diax12	---	14.2	28.28	113	8950	---	Non Engraved
3	---	6	1	2024	6Diax12	---	14	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7290
 Dr. M. Mazhar

To: Projects Manager
 Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: SUN RIDGE #3 LAHORE

Our Ref. No. CL/CED/ 5076

Dated: 12/06/2024

Test Specification

Your Ref. No. ICL/SR #3

Dated: 10/06/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 12/06/2024 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	---	20	1	2024	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	---	20	1	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	---	20	1	2024	6Diax12	---	14	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7290
 Dr. M. Mazhar

To: Projects Manager
 Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: SUN RIDGE #3 LAHORE

Our Ref. No. CL/CED/ 5077

Dated: 12/06/2024

Test Specification

Your Ref. No. ICL/SR #3

Dated: 10/06/2024

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10/6/2024 Tested on: 12/06/2024 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	---	15	2	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	---	15	2	2024	6Diax12	---	14.2	28.28	41	3248	---	Non Engraved
3	---	15	2	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5078**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	15	12	2023	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	---	15	12	2023	6Diax12	---	14	28.28	55	4356	---	Non Engraved
3	---	15	12	2023	6Diax12	---	14	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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Director/Dy. Director Concrete Laboratory



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

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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5079**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	31	1	2024	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
2	---	31	1	2024	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	---	31	1	2024	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5080**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	19	11	2023	6Diax12	---	14.4	28.28	42	3327	---	Non Engraved
2	---	19	11	2023	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
3	---	19	11	2023	6Diax12	---	14.2	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5081**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	21	11	2023	6Diax12	---	14	28.28	34	2693	---	Non Engraved
2	---	21	11	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
3	---	21	11	2023	6Diax12	---	13	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Civil Engineering Department
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Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5082**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	20	2	2024	6Diax12	---	13.4	28.28	31	2455	---	Non Engraved
2	---	20	2	2024	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	---	20	2	2024	6Diax12	---	14.4	28.28	40	3168	---	Non Engraved
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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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.

7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5083**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	4	12	2023	6Diax12	---	14	28.28	78	6178	---	Non Engraved
2	---	4	12	2023	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
3	---	4	12	2023	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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
- *** 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



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.

7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5084**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	24	2	2024	6Diax12	---	14.2	28.28	74	5861	---	Non Engraved
2	---	24	2	2024	6Diax12	---	14	28.28	80	6337	---	Non Engraved
3	---	24	2	2024	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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
- *** 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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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5085**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	2	12	2023	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	---	2	12	2023	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	---	2	12	2023	6Diax12	---	13	28.28	40	3168	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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7290
Dr. M. Mazhar

To: **Projects Manager**
Innovative © Construction Company, 193 Abubakar Block, New Garden Town, Lahore

Project: **SUN RIDGE #3 LAHORE**

Our Ref. No. **CL/CED/ 5086**

Dated: **12/06/2024**

Test Specification

Your Ref. No. **ICL/SR #3**

Dated: **10/06/2024**

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **10/6/2024** Tested on: **12/06/2024** 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	---	25	1	2024	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
2	---	25	1	2024	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
3	---	25	1	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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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

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

7274
Dr. M. Mazhar

To: Mr. Mazhar Ahmed Saeed
Resident Engineer, Package-I (PCP) Daska

Project: Construction of Storm Water Drainage System in Daska City, (Package-I)

Our Ref. No. CL/CED/ 5087

Dated: 12/06/2024

Test Specification

Your Ref. No. DSK/CON/1094/SWD/176/2023

Dated: 03/06/2024

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 6/6/2024 Tested on: 12/06/2024 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	RCC (1:1.5:3)	7	5	2024	6x6x6	---	8.4	36	90	5600	---	Non Engraved
2	RCC (1:1.5:3)	7	5	2024	6x6x6	---	8.2	36	99	6160	---	Non Engraved
3	RCC (1:1.5:3)	7	5	2024	6x6x6	---	8.4	36	103	6409	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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
- *** 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

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- 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.

7259
Dr. M. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of Boundary Wall around the Land Transferred for Residences of High Court Officers and Officials at Phullarwan District Lahore

Our Ref. No. CL/CED/ 5088

Dated: 12/06/2024

Test Specification

Your Ref. No. No. 721

Dated: 29/5/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **04/06/2024** Tested on: **12/06/2024** 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	(5-12)	---	---	---	8.9 x 4.3 x 3	3985	3565	38.27	48	2810	11.78	---
2	(5-12)	---	---	---	9 x 4.4 x 3	4035	3580	39.6	44	2489	12.71	---
3	(5-12)	---	---	---	8.9 x 4.4 x 3	3970	3545	39.16	50	2860	11.99	---
4	(5-12)	---	---	---	8.9 x 4.3 x 2.9	3835	3435	38.27	48	2810	11.64	---
5	(5-12)	---	---	---	8.8 x 4.2 x 3	3805	3495	36.96	50	3030	8.87	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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
- *** 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



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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7259
Dr. M. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of Boundary Wall around the Land Transferred for Residences of High Court Officers and Officials at Phullarwan District Lahore

Our Ref. No. CL/CED/ 5089

Dated: 12/06/2024

Test Specification

Your Ref. No. No. 722

Dated: 29/5/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 04/06/2024 Tested on: 12/06/2024 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	SH	---	---	---	9 x 4.3 x 2.9	3800	3380	38.7	44	2547	12.43	---
2	SH	---	---	---	8.9 x 4.3 x 3	3770	3350	38.27	54	3161	12.54	---
3	SH	---	---	---	8.9 x 4.3 x 2.9	3675	3200	38.27	50	2927	14.84	---
4	SH	---	---	---	9 x 4.4 x 2.9	3830	3420	39.6	48	2715	11.99	---
5	SH	---	---	---	9 x 4.4 x 2.9	3775	3270	39.6	46	2602	15.44	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

7259
Dr. M. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of Boundary Wall around the Land Transferred for Residences of High Court Officers and Officials at Phullarwan District Lahore

Our Ref. No. CL/CED/ 5090

Dated: 12/06/2024

Test Specification

Your Ref. No. No. 723

Dated: 29/5/2024

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **04/06/2024** Tested on: **12/06/2024** 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	S1B	---	---	---	8.9 x 4.3 x 3	3730	3305	38.27	33	1932	12.86	---
2	S1B	---	---	---	9 x 4.3 x 2.9	3695	3300	38.7	47	2720	11.97	---
3	S1B	---	---	---	8.9 x 4.3 x 3	3650	3280	38.27	40	2341	11.28	---
4	S1B	---	---	---	9 x 4.2 x 2.9	3565	3165	37.8	44	2607	12.64	---
5	S1B	---	---	---	8.9 x 4.3 x 2.9	3720	3275	38.27	34	1990	13.59	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** AC1318-08 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