



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.

6143
 Dr. Umbreen

To: Sub Divisional Officer
 Civil Construction Sub Division-II GSC LESCO, Lahore. Lahore Electric Supply Company
Project: Construction of 132 KV GIS Grid Station Zaamin City Housing Scheme Mouza Kacha Hydra Drain near Fruit and Vegetable Market Kahna, Lahore. (Control House Building Trench Wall)
Our Ref. No. CL/CED/ 3385 **Dated: 02-11-23**
Your Ref. No. SDO/CIVIL/GSC/LESCO/400-02 **Dated: 06-10-23**

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **26-10-23** Tested on: **02-11-23** 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	(1:2:4)	27	9	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	(1:2:4)	27	9	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	(1:2:4)	27	9	2023	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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ORIGINAL
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6147
 Dr. Umbreen

To: Mr. Muhammad Saddique
 Head QA/AC, Al-A'Zamiyya Block Phase-I.

Project: Nil

Our Ref. No. CL/CED/ 3386

Dated: 02-11-23

Test Specification

Your Ref. No. Alz./CT/UET/009

Dated: 25-10-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26-10-23 **Tested on:** 02-11-23 **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	19	10	2023	6Diax12	---	14.8	28.28	50	3960	---	Non Engraved
2	3000 Psi	19	10	2023	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
3	3000 Psi	19	10	2023	6Diax12	---	14.6	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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" 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6152
 Dr. Umbreen

To: Mr. Muhammad Irfan
 Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders (Main Building B/02, Zone #02, 6000 Psi)

Our Ref. No. CL/CED/ 3387

Dated: 02-11-23

Test Specification

Your Ref. No. DOC-BMC/AJWA/120

Dated: 27-10-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-10-23 Tested on: 02-11-23 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	Lift-02 Grids#H-H'/5'-6 (B/02)	29	9	2023	6Diax12	---	14.2	28.28	46	3644	---	Non Engraved
2	Lift-02 Grids#H-H'/5'-6 (B/02)	29	9	2023	6Diax12	---	14	28.28	72	5703	---	Non Engraved
3	Lift-02 Grids#H-H'/5'-6 (B/02)	29	9	2023	6Diax12	---	14	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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6161
 Dr. Umbreen

To: Assistant Engineer
 Building and Works Department, University of Engineering and Technology, Lahore.

Project: Construction of RCC Slab for the Entrance in H-Type Quarter, UET Lahore.

Our Ref. No. CL/CED/ 3388

Dated: 02-11-23

Test Specification

Your Ref. No. B&W/AEN-CH-Type/01

Dated: 30-10-23

(BS 3921)**

COMPRESSION TEST REPORT



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

Specimens received on: 30-10-23 Tested on: 02-11-23 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	ABC	---	---	---	9 x 4.4 x 2.9	4640	3225	39.6	46	2602	43.88	---
2	ABC	---	---	---	9.2 x 4.3 x 3	3795	3245	39.56	40	2265	16.95	---
3	ABC	---	---	---	8.7 x 4.4 x 2.8	3490	3160	38.28	44	2575	10.44	---
4	ABC	---	---	---	8.7 x 4.4 x 2.8	3640	3255	38.28	48	2809	11.83	---
5	ABC	---	---	---	8.8 x 4.2 x 2.7	3580	3170	36.96	48	2909	12.93	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL
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6170
 Dr. Umbreen

To: Mr. Muhammad Yaseen
 Sr. Project Manager, Pak Engineering Solution.

Project: Construction of National Food Galaxy Project at Fidmic Sahianwala Faisalabad.

Our Ref. No. CL/CED/ 3389-1 of 2

Dated: 02-11-23

Test Specification

Your Ref. No. PES-NFL-026

Dated: 31-10-23

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 31-10-23 Tested on: 02-11-23 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	Kerb Stone	---	---	---	6x6x6	---	9	36	100	6222	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	9	36	95	5911	---	Cut Cube
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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)
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ORIGINAL
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6170
 Dr. Umbreen

To: Mr. Muhammad Yaseen
 Sr. Project Manager, Pak Engineering Solution.

Project: Construction of National Food Galaxy Project at Fidmic Sahianwala Faisalabad

Our Ref. No. CL/CED/ 3389-2 of 2

Dated: 02-11-23

Test Specification

Your Ref. No. PES-NFL-026

Dated: 31-10-23

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 31-10-23 Tested on: 02-11-23 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	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3395	36.99	100	6056	---	---
2	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3460	36.99	127	7691	---	---
3	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3360	36.99	162	9810	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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6175
 Dr. Umbreen

To: Mr. Shakeel Ahmad
 Officer (Purchase), Rupafil Limited

Project: Nil

Our Ref. No. CL/CED/ 3390

Dated: 02-11-23

Test Specification

Your Ref. No. Nil

Dated: 01-11-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 01-11-23 **Tested on:** 02-11-23 **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	9	2023	6x6x6	---	9.2	36	93	5787	---	Engraved
2	---	27	9	2023	6x6x6	---	9	36	94	5849	---	Engraved
3	---	27	9	2023	6x6x6	---	9.2	36	89	5538	---	Engraved
4	---	2	10	2023	6x6x6	---	9	36	105	6533	---	Engraved
5	---	2	10	2023	6x6x6	---	9	36	84	5227	---	Engraved
6	---	2	10	2023	6x6x6	---	9	36	83	5164	---	Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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6179
 Dr. Umbreen

To: Mr. Muhammad Shafiq
 Assistant Resident Engineer, Punjab Cities Program (MMP Pakistan Pvt. Ltd.)
 Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package-III PCP) R2-Dars's Ghousia to Garagai Shah via Bhain Main Gate Fazil Dewaan Park City. R1-Haji Chowk to Pakistan Chowk.
 Our Ref. No. CL/CED/ 3391 Dated: 02-11-23
 Your Ref. No. KM/PKG03/25 Dated: 31-10-23

Test Specification
 (---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-11-23 Tested on: 02-11-23 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	---	3785	29.64	97	7331	---	Izhar Pavers Pvt. Ltd.
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3765	29.64	100	7557	---	Izhar Pavers Pvt. Ltd.
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3675	29.64	95	7179	---	Izhar Pavers Pvt. Ltd.
4	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3645	29.64	74	5592	---	Izhar Pavers Pvt. Ltd.
5	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3690	29.64	109	8238	---	Izhar Pavers Pvt. Ltd.
6	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.1	---	3795	29.64	100	7557	---	Izhar Pavers Pvt. Ltd.
7	Rectangular, Red, 80mm	---	---	---	7.8x3.8x3.1	---	3825	29.64	72	5441	---	Izhar Pavers Pvt. Ltd.
8	Rectangular, Red, 80mm	---	---	---	7.8x3.8x3.1	---	3690	29.64	73	5517	---	Izhar Pavers Pvt. Ltd.
9	Rectangular, Red, 80mm	---	---	---	7.8x3.8x3.1	---	3810	29.64	74	5592	---	Izhar Pavers Pvt. Ltd.
10	Rectangular, Red, 80mm	---	---	---	7.8x3.8x3.1	---	3780	29.64	68	5139	---	Izhar Pavers Pvt. Ltd.
11	Rectangular, Red, 80mm	---	---	---	7.8x3.8x3.1	---	3765	29.64	86	6499	---	Izhar Pavers Pvt. Ltd.
12	Rectangular, Red, 80mm	---	---	---	7.8x3.8x3.1	---	3680	29.64	73	5517	---	Izhar Pavers Pvt. Ltd.
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Mudassar Iqbal & Mr. M. Shafiq CNIC 36304-2378145-9

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



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.

6179
 Dr. Umbreen

To: Mr. Muhammad Shafiq
 Assistant Resident Engineer, Punjab Cities Program (MMP Pakistan Pvt. Ltd.)
 Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package-III PCP) R2-Dars's Ghousia to Garagai Shah via Bhain Main Gate Fazil Dewaan Park City.
 Our Ref. No. CL/CED/ 3392 Dated: 02-11-23
 Your Ref. No. KM/PKG03/27 Dated: 31-10-23

Test Specification
 (----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 01-11-23 Tested on: 02-11-23 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	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4785	37.44	156	9333	---	Innovative Conc. Products
2	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4685	37.44	166	9932	---	Innovative Conc. Products
3	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4765	37.44	115	6880	---	Innovative Conc. Products
4	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4715	37.44	95	5684	---	Innovative Conc. Products
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Mudassar Iqbal & Mr. M. Shafiq CNIC 36304-2378145-9

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Supervisor (Lab)

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