



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.

2837
 Dr. Umbreen

To: **OKAWA Concrete**
 Near Chak 42, Sheikhpura, Punjab.

Project: Nil

Our Ref. No. CL/CED/ 8195

Dated: 04-03-22

Test Specification

Your Ref. No. PSI/60/MM

Dated: 24-02-22

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **25-02-22** Tested on: **28-02-22** 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	---	---	---	7.8 x 3.9 x 2.3	---	2600	30.42	49	3608	---	---
2	Rectangular, Grey.60mm	---	---	---	7.8 x 3.9 x 2.3	---	2530	30.42	41	3019	---	---
3	Rectangular, Grey.60mm	---	---	---	7.8 x 3.9 x 2.3	---	2500	30.42	33	2430	---	---
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
- *** 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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2745
 Engr. Ubaid

To: Mr. Shahid Rafiq
 Ijaz Construction Company.

Project: Naubahar Bottling Company (Pvt) Ltd. Gujranwala.

Our Ref. No. CL/CED/ 8196

Dated: 04-03-22

Test Specification

Your Ref. No. Nil

Dated: 10-02-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 10-02-22 Tested on: 03-03-22 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	Leaf	---	---	---	8.6 x 4.1 x 2.7	3170	2835	35.26	19	1207	11.82	---
2	Leaf	---	---	---	8.6 x 4.1 x 2.8	3305	2950	35.26	27	1715	12.03	---
3	Leaf	---	---	---	8.5 x 4.1 x 2.7	3110	2770	34.85	24	1543	12.27	---
4	Leaf	---	---	---	8.7 x 4.2 x 2.8	3350	3025	36.54	11	674	10.74	---
5	Leaf	---	---	---	8.5 x 4 x 2.7	3095	2815	34	18	1186	9.95	---
6	Leaf	---	---	---	8.5 x 4.1 x 2.7	3090	2830	34.85	17	1093	9.19	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2826
 Engr. Ubaid

To: Syed Al-Imran Kazmi
 Engineering Cell, North-I, GS & RE Group, Lahore.

Project: Construction of ABL, G.T Road, Branch, Allahabad. (Strong & Locker Room Wall).

Our Ref. No. CL/CED/ 8197

Dated: 04-03-22

Test Specification

Your Ref. No. GSRE-22/Con/N1/A1/1918

Dated: 22-02-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24-02-22 Tested on: 03-03-22 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	1	2022	6Diax12	---	14	28.28	39	3089	---	Non Engraved
2	(1:2:4)	27	1	2022	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	(1:2:4)	27	1	2022	6Diax12	---	14	28.28	53	4198	---	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/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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2840
 Engr. Ubaid

To: Lt. Col. (R) Habib ur Rehman Qaiser
 Project Director, GCC Lahore.

Project: Construction of Gulberg City Centre Lahore.

Our Ref. No. CL/CED/ 8198

Dated: 04-03-22

Test Specification

Your Ref. No. Nil

Dated: 25/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/2/2022 Tested on: 03-03-22 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	1	2	2022	6Diax12	---	13.2	28.28	91	7208	---	Non Engraved
2	5000 Psi	1	2	2022	6Diax12	---	13.2	28.28	86	6812	---	Non Engraved
3	5000 Psi	1	2	2022	6Diax12	---	13.6	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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2840
 Engr. Ubaid

To: Lt. Col. (R) Habib ur Rehman Qaiser
 Project Director, GCC Lahore

Project: Construction of Gulberg City Centre Lahore.

Our Ref. No. CL/CED/ 8199

Dated: 04-03-22

Test Specification

Your Ref. No. Nil

Dated: 25/02/2022

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/2/2022 Tested on: 03-03-22 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	6000 Psi	29	1	2022	6Diax12	---	14.2	28.28	81	6416	---	Non Engraved
2	6000 Psi	29	1	2022	6Diax12	---	14	28.28	93	7366	---	Non Engraved
3	6000 Psi	29	1	2022	6Diax12	---	14.2	28.28	71	5624	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2839
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division Nankana Sahib

Project: Construction of 3 Nos Additional Class Rooms at Govt Boys Primary School Sheikh Da Kot Tehsil & District Nankana Sahib.

Our Ref. No. CL/CED/ 8200

Dated: 04-03-22

Test Specification

Your Ref. No. 793/SDO/BSO/NNS

Dated: 20/2/2022

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 25/02/2022 Tested on: 28/02/2022 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	HNS	---	---	---	8.8 x 4.2 x 3	---	3025	36.96	31	1879	---	---
2	HNS	---	---	---	8.8 x 4.3 x 2.8	---	3035	37.84	25	1480	---	---
3	HNS	---	---	---	8.7 x 4.3 x 3	---	3060	37.41	45	2694	---	---
4	BABUG	---	---	---	8.7 x 4.2 x 2.9	---	3255	36.54	46	2820	---	---
5	BABUG	---	---	---	8.9 x 4.3 x 2.9	---	3260	38.27	33	1932	---	---
6	BABUG	---	---	---	8.7 x 4.3 x 2.9	---	3255	37.41	45	2694	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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2768
 Engr. Ubaid

To: Sub Divisional Officer
 Buildings Sub Division No. 9 Lahore.

Project: "Master Planning of Qurban Lines, Lahore Phase-1" Construction of BS (18-19) Apartments at Qurban Lines, Lahore.

Our Ref. No. CL/CED/ 8201

Dated: 04-03-22

Test Specification

Your Ref. No. 96/9th

Dated: 04-02-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14/02/2022 Tested on: 03-03-22 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	RA	---	---	---	9 x 4.3 x 3.1	3825	3295	38.7	28	1621	16.08	---
2	RA	---	---	---	9 x 4.3 x 3	3900	3465	38.7	54	3126	12.55	---
3	RA	---	---	---	9 x 4.4 x 3	3925	3430	39.6	40	2263	14.43	---
4	RA	---	---	---	9 x 4.5 x 3.1	3945	3470	40.5	26	1438	13.69	---
5	RA	---	---	---	8.9 x 4.3 x 3	3865	3385	38.27	54	3161	14.18	---
6	RA	---	---	---	8.8 x 4.3 x 3	4015	3520	37.84	45	2664	14.06	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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2778
 Engr. Ubaid

To: Mr. Ahsan Zubair
 Resident Engineer, NESPAK (Pvt) Ltd.

Project: Upgradation/Dualization of Main Barki Road from Lahore School of Economics to BRB Canal Bridge Lahore.

Our Ref. No. CL/CED/ 8202

Dated: 04-03-22

Test Specification

Your Ref. No. 4042/03/AZ/2/06

Dated: 28/01/2022

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16/02/2022 Tested on: 03-03-22 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	MS	---	---	---	8.6 x 4.2 x 3	3680	3290	36.12	30	1860	11.85	---
2	MS	---	---	---	8.6 x 4.2 x 2.7	3560	3190	36.12	33	2047	11.6	---
3	MS	---	---	---	8.7 x 4.2 x 2.9	3565	3160	36.54	26	1594	12.82	---
4	MS	---	---	---	8.7 x 4.2 x 2.9	3660	3280	36.54	40	2452	11.59	---
5	MS	---	---	---	8.6 x 4.2 x 2.8	3525	3195	36.12	38	2357	10.33	---
6	ASK	---	---	---	8.6 x 4.3 x 2.7	3130	2645	36.98	26	1575	18.34	---
7	ASK	---	---	---	8.7 x 4.2 x 2.8	3070	2540	36.54	30	1839	20.87	---
8	ASK	---	---	---	8.6 x 4.1 x 2.7	3375	2935	35.26	20	1271	14.99	---
9	ASK	---	---	---	8.8 x 4.2 x 2.9	3440	2925	36.96	28	1697	17.61	---
10	ASK	---	---	---	8.7 x 4.2 x 2.8	3470	2995	36.54	30	1839	15.86	---
11	S	---	---	---	8.8 x 4.3 x 2.7	3425	2975	37.84	28	1658	15.13	---
12	S	---	---	---	8.9 x 4.3 x 2.7	3445	2930	38.27	28	1639	17.58	---
13	S	---	---	---	8.7 x 4.3 x 2.7	3365	3155	37.41	30	1796	6.66	---
14	S	---	---	---	8.7 x 4.3 x 2.8	3435	2980	37.41	48	2874	15.27	---
15	S	---	---	---	8.8 x 4.3 x 2.8	3625	3165	37.84	26	1539	14.53	---
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