



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.

3805
 Dr. Yousaf

To: Mr. Muhammad Adnan
 Project Manager, ICON Valley Phase II

Project: ICON SIGNATURE 3rd FLOOR LEFT WALL and 3rd FLOOR COLUMNS

Our Ref. No. CL/CED/ 9733

Dated: 02/09/2022

Test Specification

Your Ref. No. Nil

Dated: 30/8/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2022 Tested on: 02/09/2022 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	4000 Psi	27	7	2022	6Diax12	---	12.8	28.28	60	4752	---	Engraved
2	4000 Psi	27	7	2022	6Diax12	---	13.2	28.28	63	4990	---	Engraved
3	4000 Psi	27	7	2022	6Diax12	---	13	28.28	57	4515	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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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 Dr. Yousaf

To: Mr. Muhammad Adnan
 Project Manager, ICON Valley Phase II

Project: ICON COMMERCIAL BUILDING B 4th FLOOR COLUMNS

Our Ref. No. CL/CED/ 9734

Dated: 02/09/2022

Test Specification

Your Ref. No. Nil

Dated: 30/8/2022

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 31/8/2022 Tested on: 02/09/2022 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	4000 Psi	2	8	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
2	4000 Psi	2	8	2022	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
3	4000 Psi	2	8	2022	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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)
- 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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Civil Engineering Department
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ORIGINAL
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3726
 Engr. Ubaid

To: (Brig. Saeed Ahmed Malik) SI (M), (R)
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK Pvt. Ltd.
Project: Establishment of Temporary Bakar Mandi for Sacrificial Animals at Fruit & Vegetable Market Kacha, Lahore- METROPOLITAN CORPORATION LAHORE (MCL PROJECTS)
Our Ref. No. CL/CED/ 9735 **Dated:** 02/09/2022
Your Ref. No. 4084/BSAM/104/01/718 **Dated:** 16/8/2022

Test Specification
 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 17/8/2022 **Tested on:** 01/09/2022 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	AR	---	---	---	8.8 x 4.4 x 3	3745	3290	38.72	47	2719	13.83	---	
2	AR	---	---	---	8.9 x 4.3 x 2.9	3545	3245	38.27	38	2224	9.24	---	
3	AR	---	---	---	8.8 x 4 x 3	3515	3265	35.2	39	2482	7.66	---	
4	AR	---	---	---	8.8 x 4.3 x 3	3600	3365	37.84	33	1953	6.98	---	
5	AR	---	---	---	8.9 x 4.3 x 3	3685	3300	38.27	37	2166	11.67	---	
6	AR	---	---	---	8.9 x 4.4 x 3	3840	3410	39.16	37	2116	12.61	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

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3705
 Dr. Yousaf

To: Resident Engineer
 G3 Engineering Consultants (Pvt.) Ltd

Project: Consultancy Services for Master Planning, Designing and Construction Supervision
 Strengthening of University of Narowal- VC Secretariat & Grade 18/19 & 20 Residences
 Our Ref. No. CL/CED/ 9736

Dated: 02/09/2022

Test Specification

Your Ref. No. G3/UON-RE/116

Dated: 24/5/2022

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **12/08/2022** Tested on: **02/09/2022** 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	S*K	---	---	---	8.7 x 4.1 x 3	3350	3080	35.67	32	2010	8.77	---
2	S*K	---	---	---	8.8 x 4.2 x 2.8	3315	3015	36.96	38	2303	9.95	---
3	S*K	---	---	---	8.7 x 4.1 x 2.9	3225	2975	35.67	20	1256	8.4	---
4	S*K	---	---	---	8.7 x 4.2 x 3	3255	2865	36.54	37	2268	13.61	---
5	S*K	---	---	---	8.7 x 4.1 x 2.9	3230	2935	35.67	38	2386	10.05	---
6	S*B	---	---	---	8.7 x 4.2 x 2.9	3095	2800	36.54	36	2207	10.54	---
7	S*B	---	---	---	8.7 x 4.1 x 3	3210	2910	35.67	28	1758	10.31	---
8	S*B	---	---	---	8.7 x 4.1 x 3	3240	2975	35.67	40	2512	8.91	---
9	S*B	---	---	---	8.7 x 4.1 x 2.9	3255	2970	35.67	45	2826	9.6	---
10	S*B	---	---	---	8.7 x 4.1 x 3	3315	3040	35.67	37	2324	9.05	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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3775
 Dr. Yousaf

To: (Brig. Saeed Ahmed Malik) SI (M), (R)
 Highways and Transportation Engineering Division, NESPAK Pvt. Ltd.

Project: Rehabilitation of Islampura Main Bazar, Data Gunj Bukhsh Zone Lahore. Rehabilitation of Shadman Market, Data Gunj Bukhsh Zone Lahore.

Our Ref. No. CL/CED/ 9737

Dated: 02/09/2022

Test Specification

Your Ref. No. 4084/BSAM/104/676

Dated: 14/6/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 26/8/2022 **Tested on:** 02/09/2022 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	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2735	30.42	124	9131	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2720	30.42	100	7364	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2740	30.42	90	6627	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2615	30.42	110	8100	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2745	30.42	94	6922	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2680	30.42	74	5449	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2715	30.42	82	6038	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2710	30.42	81	5964	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2740	30.42	90	6627	---	---
10	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2615	30.42	91	6701	---	---
11	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2700	30.42	92	6774	---	---
12	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2705	30.42	86	6333	---	---
13	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2695	30.42	98	7216	---	---
14	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2665	30.42	73	5375	---	---
15	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2685	30.42	103	7584	---	---
16	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.3	---	2665	30.42	91	6701	---	---

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Director/Dy. Director Concrete Laboratory