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.

6446
Dr. Ubaid

To: Mr. Muhammad Sohail Anjum
Project Manager, MS IT Tower, Lahore.

Project: Construction of MS IT Tower at Plot 450, 451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 3812 Dated: 28-12-23

Your Ref. No. MSITT/UET/2023/C-001 Dated: 26-12-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27-12-23 **Tested on:** 28-12-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Cylinder # 5, (3000 Psi)	16	12	2023	6Diax12	---	13.6	28.28	20	1584	---	Engraved
2	Cylinder # 6, (3000 Psi)	16	12	2023	6Diax12	---	13.4	28.28	25	1980	---	Engraved
3	Cylinder # 9, (3000 Psi)	16	12	2023	6Diax12	---	13.4	28.28	30	2376	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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6407
Dr. Ubaid

To: Mr. Atta Farid
Resident Engineer (Pakpattan), Highways & Transportation Engg. Division, NESPAK Pvt. Ltd.

Project: Rehabilitation of Mettaled Road Sahiwal to Pakpattan Length 40.0 Km, District Sahiwal / Pakpattan in Distt. Pakpattan. (Group-II, From Km No. 29.00 to 43.07=13.97 Km. (M/S Ch Muhammad Afzal Sial & Co.)

Our Ref. No. CL/CED/ 3813 Dated: 28-12-23 **Test Specification**

Your Ref. No. 4267/Pakpattan/ADP-22-23/AF/55 Dated: 12-12-23 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 18-12-23 **Tested on:** 28-12-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Kerb Stone	---	---	---	6x6x6	---	8	36	57	3547	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	8	36	62	3858	---	Cut Cube
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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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6436
Dr. Ubaid

To: Engr. Zaheer Ud Din Babar
Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Ltd.

Project: Construction of Sky Gardens Tower, Lahore.

Our Ref. No. CL/CED/ 3814 Dated: 28-12-23

Your Ref. No. HRLE/SKG/2023/0147 Dated: 22-12-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22-12-23 Tested on: 28-12-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Basement-01 Slab Pour#02(6000 Psi)	25	11	2023	6Diax12	---	14	28.28	127	10059	---	Non Engraved
2	Basement-01 Slab Pour#02(6000 Psi)	25	11	2023	6Diax12	---	14	28.28	130	10297	---	Non Engraved
3	Basement-01 Slab Pour#02(6000 Psi)	25	11	2023	6Diax12	---	14	28.28	114	9030	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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6387
Dr. Ubaid

To: Professional Construction Services (Pvt.) Ltd.
Johar Town, Lahore.

Project: Construction of TCF Secondary School Chak # 263 E.B, Burewala.

Our Ref. No. CL/CED/ 3815 Dated: 28-12-23 Test Specification

Your Ref. No. PCS/23/Eng/243 Dated: 14-12-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-23 Tested on: 28-12-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	MA	---	---	---	8.2 x 4.1 x 2.6	---	2440	33.62	31	2065	---	---
2	MA	---	---	---	8.4 x 4.1 x 2.6	---	2710	34.44	30	1951	---	---
3	MA	---	---	---	8.4 x 4 x 2.6	---	2535	33.6	23	1533	---	---
4	MA	---	---	---	8.4 x 4.1 x 2.9	---	2620	34.44	21	1366	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.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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6392
Dr. Ubaid

To: Engr. Hassan Mahmood
Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of DHA Newlife Residency Appartments at 273/1 Q Block Phase-II DHA, Lahore. (M/s Ghousia Engineering & Construction (Pvt.) Ltd.)

Our Ref. No. CL/CED/ 3816 **Dated:** 28-12-23 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/208 **Dated:** 15-12-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-23 **Tested on:** 28-12-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	416	---	---	---	8.6 x 4.2 x 3	3780	3460	36.12	47	2915	9.25	---
2	416	---	---	---	8.9 x 4.2 x 3	3700	3345	37.38	56	3356	10.61	---
3	416	---	---	---	8.6 x 4.2 x 2.9	3595	3285	36.12	42	2605	9.44	---
4	416	---	---	---	8.7 x 4.2 x 3	3530	3385	36.54	44	2697	4.28	---
5	416	---	---	---	8.7 x 4.2 x 3	3705	3250	36.54	42	2575	14	---
6	416	---	---	---	8.8 x 4.2 x 3	3560	3205	36.96	42	2545	11.08	---
7	416	---	---	---	8.8 x 4.1 x 2.9	3610	3370	36.08	42	2608	7.12	---
8	416	---	---	---	8.9 x 4.2 x 3	3665	3425	37.38	44	2637	7.01	---
9	416	---	---	---	8.8 x 4.2 x 3	3590	3235	36.96	43	2606	10.97	---
10	416	---	---	---	8.7 x 4.2 x 3	3685	3460	36.54	42	2575	6.5	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6393
Dr. Ubaid

To: Mr. Hasnain Shiekh
ES Consultant (Pvt.) Ltd. (M/s. IKAN-J.MASONS Jv.)

Project: Construction / Renovation of Toilet Blocks at different Heritage & Tourist Sites in Central Zone (Lot-3) Sahiwal & Kasur Sites.

Our Ref. No. CL/CED/ 3817 Dated: 28-12-23 Test Specification

Your Ref. No. RE/TOL/PTEGP/ESC04 Dated: 20-09-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-23 Tested on: 28-12-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Talwar	---	---	---	8.8 x 4.2 x 3	3850	3385	36.96	41	2485	13.74	---
2	Talwar	---	---	---	8.9 x 4.3 x 2.9	3705	3275	38.27	48	2810	13.13	---
3	Talwar	---	---	---	8.8 x 4.2 x 3	3735	3345	36.96	52	3152	11.66	---
4	100	---	---	---	8.8 x 4.2 x 2.8	3135	2650	36.96	29	1758	18.3	---
5	100	---	---	---	8.8 x 4.2 x 2.8	3205	2725	36.96	33	2000	17.61	---
6	100	---	---	---	8.6 x 4.2 x 2.8	3215	2725	36.12	23	1426	17.98	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6393
Dr. Ubaid

To: Mr. Hasnain Shiekh
ES Consultant (Pvt.) Ltd. (M/S IKAN-J.MASONS Jv.)

Project: Construction/ Renovation of Toilet Blocks at different Heritage & Tourist Sites in Central Zone (Lot-3) Lahore Sites.

Our Ref. No. CL/CED/ 3818- 1 of 2 Dated: 28-12-23 **Test Specification**

Your Ref. No. RE/TOL/PTEGP/ESC04 Dated: 20-09-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-23 **Tested on:** 28-12-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	12	---	---	---	8.9 x 4.2 x 2.9	3400	2965	37.38	38	2277	14.67	---
2	12	---	---	---	8.8 x 4.3 x 2.8	3410	2950	37.84	36	2131	15.59	---
3	12	---	---	---	8.8 x 4.2 x 2.8	3450	3015	36.96	30	1818	14.43	---
4	12	---	---	---	8.6 x 4.2 x 2.8	3395	2965	36.12	41	2543	14.5	---
5	12	---	---	---	8.6 x 4.2 x 3	3445	3035	36.12	43	2667	13.51	---
6	12	---	---	---	8.8 x 4.2 x 3	3500	3005	36.96	28	1697	16.47	---
7	SR	---	---	---	8.7 x 4.2 x 2.8	3595	3365	36.54	51	3126	6.84	---
8	SR	---	---	---	8.8 x 4.4 x 3	3890	3625	38.72	32	1851	7.31	---
9	SR	---	---	---	8.8 x 4.2 x 3	3580	3245	36.96	52	3152	10.32	---
10	SR	---	---	---	8.9 x 4.2 x 3	3755	3505	37.38	42	2517	7.13	---
11	SR	---	---	---	8.7 x 4.2 x 2.9	3720	3290	36.54	44	2697	13.07	---
12	SR	---	---	---	8.6 x 4.2 x 3	3740	3330	36.12	44	2729	12.31	---
13	MJ	---	---	---	9 x 4.3 x 3	3865	3640	38.7	46	2663	6.18	---
14	MJ	---	---	---	9 x 4.4 x 3.1	4225	3775	39.6	41	2319	11.92	---
15	MJ	---	---	---	9 x 4.4 x 3.1	3985	3740	39.6	36	2036	6.55	---
16	MJ	---	---	---	9 x 4.2 x 3	3995	3510	37.8	33	1956	13.82	---

Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** 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

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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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

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6393
Dr. Ubaid

To: Mr. Hasnain Shiekh
ES Consultant (Pvt.) Ltd. (M/s IKAN-J.MASONS Jv.)

Project: Construction/ Renovation of Toilet Blocks at different Heritage & Tourist Sites in Central Zone (Lot-3) Lahore Sites.

Our Ref. No. CL/CED/ 3818- 2 of 2 Dated: 28-12-23 **Test Specification**

Your Ref. No. RE/TOL/PTEGP/ESC04 Dated: 20-09-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-23 **Tested on:** 28-12-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	MJ	---	---	---	8.9 x 4.4 x 3	3785	3565	39.16	45	2574	6.17	---
2	MJ	---	---	---	8.8 x 4.2 x 3	3570	3250	36.96	50	3030	9.85	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** 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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**