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.

4073
Dr. Aqsa

To: Muhammad Asif (Project Manager)
IMPERIUM DEVELOPERS, Lahore

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 105 **Dated: 20/10/2022** **Test Specification**

Your Ref. No. IMP/PM/66/09/06 **Dated: 17/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 19/10/2022 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	Columns (6000 Psi)	13	9	2022	6Diax12	---	14.2	28.28	94	7446	---	Non Engraved
2	Columns (6000 Psi)	13	9	2022	6Diax12	---	14.2	28.28	100	7921	---	Non Engraved
3	Columns (6000 Psi)	17	9	2022	6Diax12	---	14.2	28.28	105	8317	---	Non Engraved
4	Columns (6000 Psi)	17	9	2022	6Diax12	---	14.6	28.28	105	8317	---	Non Engraved
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Witnessed by: Mr. Najam Sohail, Representative Imperium Developers

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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4091
Dr. Usman Akmal

To: Mr. Umair Badar (Site Incharge)
TETRA READY MIX, Lahore

Project: House NO. 45M A/3 Gulberg-III Lahore

Our Ref. No. CL/CED/ 106 **Dated:** 20/10/2022 **Test Specification**

Your Ref. No. TRM/Shahzad/006 **Dated:** 18/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 **Tested on:** 19/10/2022 **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	4500 Psi	9	10	2022	6Diax12	---	13.8	28.28	53	4198	---	Non Engraved
2	4500 Psi	9	10	2022	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
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Witnessed by: Mr. Shahzad Asghar

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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4076
Dr. Aqsa

To: Umair Badar (Site Incharge)
TETRA READY MIX, Lahore

Project: House NO. 45M A/3 Gulberg-III Lahore

Our Ref. No. CL/CED/ 107 **Dated:** 20/10/2022 **Test Specification**

Your Ref. No. TRM/Shahzad/004 **Dated:** 14-10-22 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 **Tested on:** 19/10/2022 **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	4500 Psi	4	10	2022	6Diax12	---	14	28.28	67	5307	---	Non Engraved
2	4500 Psi	4	10	2022	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shahzad Asghar

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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4019
Dr. Umbreen

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

Project: Rehabilitation at Ali Park Road near Fruit Mandi Ravi Zone Lahore. Rehabilitation at Street Opposite Dubai Palace Main Raiwind Road, Allama Iqbal Zone Lahore. Repair at Street and sewerage at

Our Ref. No. CL/CED/ 108 **Dated: 20/10/2022** **Test Specification**

Your Ref. No. 4084/BSAM/104/01/790 **Dated: 04-10-22** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-22 **Tested on:** 20/10/2022 **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	M	---	---	---	8.9 x 4.4 x 3.1	3785	3285	39.16	41	2345	15.22	---
2	M	---	---	---	9 x 4.3 x 3	3770	3260	38.7	45	2605	15.64	---
3	M	---	---	---	9 x 4.3 x 3	3745	3355	38.7	47	2720	11.62	---
4	M	---	---	---	8.9 x 4.4 x 3	3805	3360	39.16	43	2460	13.24	---
5	M	---	---	---	9 x 4.3 x 3.1	3895	3355	38.7	45	2605	16.1	---
6	M	---	---	---	8.7 x 4.2 x 3.2	3755	3310	36.54	45	2759	13.44	---
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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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ORIGINAL
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4014
Dr. Umbreen

To: **Muhammad Ashraf**
Construction Engineer/Mines Labour Welfare Organization Punjab, Lahore

Project: Establishment of Mines Labour Welfare Girls High School at Katha Misral Khushab

Our Ref. No. CL/CED/ 109 **Dated: 20/10/2022** **Test Specification**

Your Ref. No. MLW/C.E./MT/50/17/6390 **Dated: 04-10-22** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 06-10-22 **Tested on:** 20/10/2022 **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	LT	---	---	---	8.6 x 4.3 x 2.8	3085	2545	36.98	39	2362	21.22	---
2	LT	---	---	---	8.6 x 4.3 x 2.8	3140	2640	36.98	43	2605	18.94	---
3	LT	---	---	---	8.7 x 4.3 x 2.8	3190	2685	37.41	41	2455	18.81	---
4	LT	---	---	---	8.5 x 4.2 x 2.9	3050	2585	35.7	41	2573	17.99	---
5	LT	---	---	---	8.7 x 4.3 x 2.8	3130	2610	37.41	41	2455	19.92	---
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3978
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division Pattoki

Project: Construction of Additional Academic Block at Govt. Degree College Pattoki for Boys Pattoki District Kasur. ADP No. 352 For the Year 2021-22

Our Ref. No. CL/CED/ 110 **Dated:** 20/10/2022 **Test Specification**

Your Ref. No. 82/P **Dated:** 26/9/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 30/9/2022 **Tested on:** 20/10/2022 **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	ND	---	---	---	8.8 x 4.3 x 3.1	---	3420	37.84	39	2309	---	---
2	ND	---	---	---	8.7 x 4.2 x 3	---	3350	36.54	41	2513	---	---
3	ND	---	---	---	8.9 x 4.3 x 3.1	---	3355	38.27	43	2517	---	---
4	ND	---	---	---	8.7 x 4.3 x 3.1	---	3440	37.41	39	2335	---	---
5	ND	---	---	---	8.8 x 4.3 x 3	---	3410	37.84	35	2072	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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