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.

4593
Dr. Aqsa

To: Mr. Muhammad Arif, Sr. QS
Thaheem Construction Company.

Project: Indus Sugar Warehouse , Rajanpur.

Our Ref. No. CL/CED/ 933 **Dated:** 18-01-23

Your Ref. No. JK S M/371 **Dated:** 17-01-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17/1/2023 **Tested on:** 17-01-23 **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	Column (4375 Psi)	14	12	2022	6x6x6	---	9	36	77	4791	---	Non Engraved
2	Column (4375 Psi)	14	12	2022	6x6x6	---	8.6	36	79	4916	---	Non Engraved
3	Valley Beam (3750 Psi)	19	12	2022	6x6x6	---	8.4	36	78	4853	---	Non Engraved
4	Valley Beam (3750 Psi)	19	12	2022	6x6x6	---	8	36	103	6409	---	Non Engraved
5	Diaphragm (3750 Psi)	26	12	2022	6x6x6	---	8	36	60	3733	---	Non Engraved
6	Diaphragm (3750 Psi)	26	12	2022	6x6x6	---	8.2	36	59	3671	---	Non Engraved
7	Shall Slab (3750 Psi)	13	12	2022	6x6x6	---	8	36	58	3609	---	Non Engraved
8	Shall Slab (3750 Psi)	13	12	2022	6x6x6	---	8	36	62	3858	---	Non Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
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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4585
Dr. Umbreen

To: **Eng. Asad Rashid Choudhary, P.E**
Speed Construction Management (SCM)

Project: Construction of KIPS School Building at Plot No. 116B Campus View Town, Lahore.

Our Ref. No. CL/CED/ 934 **Dated: 18-01-23** **Test Specification**

Your Ref. No. SCM-CVP-03-22 **Dated: 16-01-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 16-01-23 Tested on: 18-01-23 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	---	7	1	2023	6Diax12	---	13.4	28.28	41	3248	---	Non Engraved
2	---	7	1	2023	6Diax12	---	13.4	28.28	41	3248	---	Non Engraved
3	---	8	1	2023	6Diax12	---	13.4	28.28	49	3881	---	Engraved
4	---	8	1	2023	6Diax12	---	13.8	28.28	53	4198	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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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
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
A carbon copy for the report has been retained in the lab for record.

4605
Dr. Aqsa

To: **Bridgeway Developers Pvt. Ltd.**
Pearl One 4th Floor, 94-B/I, MM Alam Road, Gulberg III, Lahore.

Project: Pearl One Residencies by Bridge Way Developers 26-Block-C M.M Alam Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 935 **Dated: 18-01-23** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 18-01-23 Tested on: 18-01-23 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	Columns (6000 Psi)	31	12	2022	6Diax12	---	13.4	28.28	89	7050	---	Non Engraved
2	Columns (6000 Psi)	31	12	2022	6Diax12	---	13.4	28.28	95	7525	---	Non Engraved
3	Columns (6000 Psi)	31	12	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/

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**

Plain and Reinforced Concrete Laboratory
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ORIGINAL
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4604
Dr. Aqsa

To: Bridgeway Developers Pvt. Ltd.
Pearl One 4th Floor, 94-B/I, MM Alam Road, Gulberg III, Lahore.

Project: Pearl One Residencies by Bridge Way Developers 26-Block-C M.M Alam Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 936 **Dated:** 18-01-23 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18-01-23 **Tested on:** 18-01-23 **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	Columns (4000 Psi)	11	11	2022	6Diax12	---	13	28.28	78	6178	---	Non Engraved
2	Columns (4000 Psi)	11	11	2022	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
3	Columns (4000 Psi)	11	11	2022	6Diax12	---	13	28.28	89	7050	---	Non Engraved
4	Columns (4000 Psi)	18	11	2022	6Diax12	---	13.2	28.28	88	6970	---	Non Engraved
5	Columns (4000 Psi)	18	11	2022	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
6	Columns (4000 Psi)	18	11	2022	6Diax12	---	13.4	28.28	75	5941	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4590&4600
Dr. Aqsa

To: **PRO-CON**
New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 937 **Dated: 18-01-23** **Test Specification**

Your Ref. No. Nil **Dated: 18-01-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 18-01-23 Tested on: 18-01-23 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	3000 Psi	8	1	2023	6Diax12	---	13.8	28.28	43	3406	---	Engraved
2	3000 Psi	8	1	2023	6Diax12	---	13	28.28	39	3089	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: CNIC # 35202-7701085-7

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

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ORIGINAL
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4597
Dr. Mazhar

To: **Ar. Farhan Rasool**
Projects Architect, HKB RETAIL

Project: Construction of Retail Outlet at Iqbal Town Lahore

Our Ref. No. CL/CED/ 938 **Dated: 18/1/2023** **Test Specification**

Your Ref. No. HKB/CR/002 **Dated: 16/1/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2023 Tested on: 18/1/2023 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	2nd Floor Slab	8	1	2023	6Diax12	---	13	28.28	41	3248	---	Engraved
2	2nd Floor Slab	8	1	2023	6Diax12	---	13.4	28.28	21	1663	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
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4583
Dr. Mazhar

To: Mr. Amein uddin
Majeed Associates (Pvt) Ltd. Karachi

Project: Construction of ABL Bank EXPO CENTRE JOHAR TOWN LAHORE. (Tetra Ready Mix)

Our Ref. No. CL/CED/ 939 **Dated: 18/1/2023**

Your Ref. No. Nil **Dated: 06-01-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2023 **Tested on:** 18/1/2023 **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	1:2:4 (3000 Psi)	6	1	2023	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
2	1:2:4 (3000 Psi)	6	1	2023	6Diax12	---	13	28.28	45	3564	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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4592
Dr. Mazhar

To: Mr. Omair Sadiq
Project Manager, ONE LIBERTY Shopping with Style

Project: Construction of One Liberty Mall and H&S Hotel, Located at Noor Jehan Road, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 940 **Dated: 18/1/2023** **Test Specification**

Your Ref. No. OL/OS/2022/29 **Dated: 17/1/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2023 **Tested on:** 18/1/2023 **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 (A3, C3, D3, F3)	16	12	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	Columns (A3, C3, D3, F3)	16	12	2022	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	Columns (A3, C3, D3, F3)	16	12	2022	6Diax12	---	14	28.28	69	5465	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

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.

4591
Dr. Umbreen

To: **Project Manager**
Lahore Hills Private Limited

Project: Nil

Our Ref. No. CL/CED/ 941 **Dated: 18/1/2023** **Test Specification**

Your Ref. No. DH/MT/007 **Dated: 17/1/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/1/2023 **Tested on:** 18/1/2023 **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	17	12	2022	6Diax12	---	13	28.28	88	6970	---	Non Engraved
2	4500 Psi	17	12	2022	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Zeeshan Afzal; CNIC 31101-8928959-1

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**

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.

4492
Dr. Mazhar

To: Resident Engineer (Civil)
Model Bazaar Head Office Building, MASCON Associates & HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/CED/ 942 **Dated:** 18/1/2023 **Test Specification**

Your Ref. No. MAC-HAC/22/PMBMC/LT/029 **Dated:** 24/12/2022 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 29/12/2022 **Tested on:** 18/1/2023 **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	S	---	---	---	8.7 x 4.2 x 3	---	3335	36.54	63	3862	---	---
2	S	---	---	---	8.7 x 4.2 x 2.9	---	3330	36.54	41	2513	---	---
3	S	---	---	---	8.8 x 4.3 x 3	---	3355	37.84	45	2664	---	---
4	S	---	---	---	8.8 x 4.3 x 3	3760	3365	---	---	---	11.74	---
5	S	---	---	---	8.7 x 4.3 x 2.9	3680	3325	---	---	---	10.68	---
6	S	---	---	---	8.8 x 4.3 x 3	3775	3320	---	---	---	13.7	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

4558
Dr. Mazhar

To: Mr. NIU
HENAN D.R. Construction Group Co., Ltd. (Pakistan Branch)

Project: Construction of Challenge Special Economic Zone, Located in Bedian Distributary, Pandoki Lahore.

Our Ref. No. CL/CED/ 943 **Dated: 18/1/2023** **Test Specification**

Your Ref. No. Nil **Dated: 11-01-23** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-23 **Tested on:** 18/1/2023 **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	Double Line Machine Made	---	---	---	8.7 x 4.2 x 2.8	---	2690	36.54	35	2146	---	---
2	Double Line Machine Made	---	---	---	8.9 x 4.3 x 2.6	---	2590	38.27	25	1463	---	---
3	Double Line Machine Made	---	---	---	8.5 x 4 x 2.7	---	2600	34	31	2042	---	---
4	Double Line Machine Made	---	---	---	8.8 x 4.2 x 2.7	---	2580	36.96	25	1515	---	---
5	Double Line Machine Made	---	---	---	8.6 x 4.2 x 2.6	---	2595	36.12	37	2295	---	---
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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 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**

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.

4529
Dr. Umbreen

To: Assistant Resident Engineer
JERS Consultants, Lahore

Project: PCP (Phase-II) Improvement and Construction of Roads in MC, Muridke. (Contractor: M/S Chaudhary Enterprises.)

Our Ref. No. CL/CED/ 944 Dated: 18/1/2023 Test Specification

Your Ref. No. 10 Dated: 04-01-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06-01-23 **Tested on:** 18/1/2023 **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	DA	---	---	---	8.4 x 4.2 x 2.8	3150	2855	35.28	39	2476	10.33	---
2	DA	---	---	---	8.4 x 4 x 2.8	3170	2890	33.6	37	2467	9.69	---
3	DA	---	---	---	8.3 x 4 x 2.8	3140	2865	33.2	38	2564	9.6	---
4	DA	---	---	---	8.4 x 4.1 x 2.7	2990	2720	34.44	41	2667	9.93	---
5	DA	---	---	---	8.4 x 4.1 x 2.7	3125	2805	34.44	27	1756	11.41	---
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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 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**

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.

4481
Dr. Umbreen

To: **Mr. Hamza Qadeer**
Project Engineer, BANU MUKHTAR Contracting (Pvt.) Ltd.

Project: New Aligarh University Manga Lahore

Our Ref. No. CL/CED/ 945 **Dated: 18/1/2023** **Test Specification**

Your Ref. No. Nil **Dated: 27/12/2022** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 27/12/2022 **Tested on:** 17/1/2023 **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*	---	---	---	8.7 x 4.3 x 3	3695	3305	37.41	37	2215	11.8	---
2	*M*	---	---	---	8.9 x 4.2 x 3	3740	3330	37.38	37	2217	12.31	---
3	*M*	---	---	---	8.8 x 4.3 x 3	3650	3300	37.84	33	1953	10.61	---
4	*M*	---	---	---	8.8 x 4.2 x 3	3780	3460	36.96	38	2303	9.25	---
5	*M*	---	---	---	8.8 x 4.3 x 3	3705	3325	37.84	36	2131	11.43	---
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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 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**

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.

4573
Dr. Aqsa

To: Mr. Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II,

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (6th Floor Columns- Group No. 1). (M/s Iftikhar & Co.)

Our Ref. No. CL/CED/ 946 Dated: 18/1/2023 Test Specification

Your Ref. No. 340/ECSP/MPA/ME/61 Dated: 05-01-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/1/2023 **Tested on:** 17/1/2023 **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	Ratio (1:1.5:3)	8	12	2022	6x6x6	---	8.8	36	65	4044	---	Engraved
2	Ratio (1:1.5:3)	8	12	2022	6x6x6	---	8	36	41	2551	---	Engraved
3	Ratio (1:1.5:3)	8	12	2022	6x6x6	---	8.4	36	60	3733	---	Engraved
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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 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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4581
Dr. Aqsa

To: **Mr. Khalid Bashir**
for Ittefaq Building Solutions (Pvt.) Ltd.

Project: Ahmad Latif, DHA-Phase 6, J-Block, Lahore

Our Ref. No. CL/CED/ 947 **Dated:** **18/1/2023** **Test Specification**

Your Ref. No. **IBS/AL/CT-02A** **Dated:** **12-01-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 16/1/2023 **Tested on:** 17/1/2023 **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 RCC R.W (4000 Psi)	15	12	2022	6x6x6	---	8.6	36	49	3049	---	Engraved
2	Basement RCC R.W (4000 Psi)	15	12	2022	6x6x6	---	8.8	36	46	2862	---	Engraved
3	Basement RCC R.W (4000 Psi)	15	12	2022	6x6x6	---	8.8	36	46	2862	---	Engraved
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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 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**

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.

4490
Dr. Aqsa

To: (Brig. Saeed Ahmed Malik) SI (M), (R)
Resident Engineer, H&T Engg. Division. NESPAK (Pvt.) Ltd.

Project: Rehabilitation of Main Road Hussainia Chowk Bangali Village UC-193 Aziz Bhatti Zone Lahore.

Our Ref. No. CL/CED/ 948 **Dated:** 18/1/2023 **Test Specification**

Your Ref. No. 4084/BSAM/104/01/841 **Dated:** 22/12/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06-01-23 **Tested on:** 18/1/2023 **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	77	---	---	---	8.7 x 4.1 x 2.9	3495	3255	35.67	47	2951	7.37	---
2	77	---	---	---	8.8 x 4.2 x 2.9	3655	3420	36.96	41	2485	6.87	---
3	77	---	---	---	8.6 x 4.2 x 2.9	3610	3430	36.12	43	2667	5.25	---
4	77	---	---	---	8.8 x 4.2 x 2.9	3585	3335	36.96	45	2727	7.5	---
5	77	---	---	---	8.6 x 4.1 x 2.9	3475	3320	35.26	42	2668	4.67	---
6	77	---	---	---	8.9 x 4.2 x 2.9	3555	3395	37.38	40	2397	4.71	---
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 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**