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.

7009
Dr. M. Yousaf

To: Mr. Masood Akram
Delton Construction Co. Phase VII, DHA Karachi.

Project: Construction of Surge Laboratory.

Our Ref. No. CL/CED/ 4648 **Dated:** 17-04-24

Your Ref. No. Nil **Dated:** Nil

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-24 **Tested on:** 16-04-24 **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	Slab	12	3	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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
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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7009
Dr. M. Yousaf

To: Mr. Masood Akram
Delton Construction Co. Phase VII, DHA Karachi.

Project: Construction of Surge Laboratory.

Our Ref. No. CL/CED/ 4649 **Dated:** 17-04-24

Your Ref. No. Nil **Dated:** Nil

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-24 **Tested on:** 16-04-24 **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	Slab	11	3	2024	6Diax12	---	14	28.28	57	4515	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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7009
Dr. M. Yousaf

To: Mr. Masood Akram
Delton Construction Co. Phase VII, DHA Karachi.

Project: Construction of Surge Laboratory.

Our Ref. No. CL/CED/ 4650 **Dated:** 17-04-24

Your Ref. No. Nil **Dated:** Nil

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-24 **Tested on:** 16-04-24 **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	Slab	13	3	2024	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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)
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7009
Dr. M. Yousaf

To: Mr. Masood Akram
Delton Construction Co. Phase VII, DHA Karachi.

Project: Construction of Surge Laboratory.

Our Ref. No. CL/CED/ 4651 **Dated:** 17-04-24

Your Ref. No. Nil **Dated:** Nil

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-24 **Tested on:** 16-04-24 **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	Slab	13	3	2024	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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7008
Dr. M. Mazhar

To: Engr. M. Abrar Ahmad
M.Sc. Structural Engineer, ABRAR AHMAD ASSOCIATES

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore.

Our Ref. No. CL/CED/ 4652 Dated: 17/4/2024

Your Ref. No. Nil Dated: 15/4/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/4/2024 Tested on: 17/4/2024 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	3rd Floor Slab	3	4	2024	6Diax12	---	12.8	28.28	20	1584	---	Non Engraved
2	3rd Floor Slab	3	4	2024	6Diax12	---	13	28.28	21	1663	---	Non Engraved
3	3rd Floor Slab	3	4	2024	6Diax12	---	13.6	28.28	21	1663	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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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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7008
Dr. M. Mazhar

To: Engr. M. Abrar Ahmad
M.Sc. Structural Engineer, ABRAR AHMAD ASSOCIATES

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore

Our Ref. No. CL/CED/ 4653 **Dated: 17/4/2024**

Your Ref. No. Nil **Dated: 15/4/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/4/2024 **Tested on:** 17/4/2024 **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	9	3	2024	6Diax12	---	13.6	28.28	32	2535	---	Non Engraved
2	2nd Floor Slab	9	3	2024	6Diax12	---	14	28.28	20	1584	---	Non Engraved
3	2nd Floor Slab	9	3	2024	6Diax12	---	13	28.28	32	2535	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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6997
Dr. M. Mazhar

To: Engr. M. Abrar Ahmad
M.Sc. Structural Engineer, ABRAR AHMAD ASSOCIATES

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore

Our Ref. No. CL/CED/ 4654 Dated: 17/4/2024

Your Ref. No. Nil Dated: 05-04-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-04-24 Tested on: 17/4/2024 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	3rd Floor Column	26	3	2024	6Diax12	---	13	28.28	54	4277	---	Non Engraved
2	3rd Floor Column	26	3	2024	6Diax12	---	13	28.28	38	3010	---	Non Engraved
3	3rd Floor Column	26	3	2024	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6956
Dr. M. Mazhar

To: Sub Divisional Officer
Buildings Sub Division, Shakargarh

Project: District Disaster Management Cell at Kartarpur Corridore District Narowal ADP No. 3613, For the Year 2022-23

Our Ref. No. CL/CED/ 4655 Dated: 17/4/2024 Test Specification

Your Ref. No. 1572/Sg Dated: 07-10-23 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 28//3/2024 **Tested on:** 17/4/2024 **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	---	---	---	8.5 x 4.1 x 2.6	3455	3075	34.85	60	3857	12.36	Machine Made
2	Double Line	---	---	---	8.5 x 4.1 x 2.6	3430	3035	34.85	62	3985	13.01	Machine Made
3	Double Line	---	---	---	8.5 x 4.2 x 2.7	3510	3040	35.7	38	2384	15.46	Machine Made
4	Double Line	---	---	---	8.6 x 4.1 x 2.6	3310	2985	35.26	48	3049	10.89	Machine Made
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

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Dr. M. Mazhar

To: Mr. SAAD ALI KHAN
Project Coordinator, SINACO Engineers (Pvt) Ltd.

Project: Construction of Package "A" for Nishat Polypropylene Bags Plant at SKP.

Our Ref. No. CL/CED/ 4656 Dated: 17/4/2024 Test Specification

Your Ref. No. SEL/LHR/00150-2024 Dated: 26/3/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 28//3/2024 Tested on: 17/4/2024 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	B19	---	---	---	8.4 x 4.1 x 2.7	3280	2890	34.44	30	1951	13.49	---
2	B19	---	---	---	8.8 x 4.1 x 2.6	3350	2960	36.08	34	2111	13.18	---
3	B19	---	---	---	8.6 x 4.2 x 2.6	3500	2860	36.12	15	930	22.38	---
4	S	---	---	---	8.6 x 4 x 2.6	3455	3090	34.4	32	2084	11.81	---
5	S	---	---	---	8.6 x 4.1 x 2.7	3610	3210	35.26	26	1652	12.46	---
6	S	---	---	---	8.6 x 4.1 x 2.8	3630	3200	35.26	34	2160	13.44	---
7	GILL	---	---	---	8.5 x 4 x 2.6	3070	2765	34	42	2767	11.03	---
8	GILL	---	---	---	8.6 x 4.1 x 2.6	3205	2875	35.26	42	2668	11.48	---
9	GILL	---	---	---	8.5 x 4.1 x 2.6	3120	2775	34.85	40	2571	12.43	---
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**