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.

3494
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 9, Lahore.

Project: Master Planning of Qurban Lines, Lahore (Phase-1). Construction of BS (18-19) Apartments at Qurban Lines, Lahore. (1st Floor Slab)

Our Ref. No. CL/CED/ 9335 Dated: 15/7/2022 **Test Specification**

Your Ref. No. 867/9th Dated: 22/4/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 27/06/2022 **Tested on:** 15/7/2022 **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	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6	---	8	36	112	6969	---	Non Engraved
2	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6	---	8	36	78	4853	---	Non Engraved
3	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6	---	8	36	100	6222	---	Non Engraved
4	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6	---	8	36	91	5662	---	Non 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**

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ORIGINAL
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3531
Dr. Yousaf

To: Site Engineer
ASTACO Engineers & Contractors.

Project: Site House # 814-Z DHA Phase III, Lahore.

Our Ref. No. CL/CED/ 9336 **Dated: 15/7/2022** **Test Specification**

Your Ref. No. Nil **Dated: 04/07/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 04/07/2022 Tested on: 15/7/2022 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	---	18	6	2022	6Diax12	---	13.4	28.28	33	2614	---	Non Engraved
2	---	18	6	2022	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
3	---	18	6	2022	6Diax12	---	13.2	28.28	37	2931	---	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
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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3516
Dr. Yousaf

To: **Lt Col. (R) Ubaid ur Rehman, SPM (JV) PEC Bldg**
NLC Engineers- Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore. (Top Lift Wall, Machine Room Wall.)

Our Ref. No. CL/CED/ 9337 **Dated: 15/7/2022**

Your Ref. No. 901/NLC-TD(JV)/PEC/713 **Dated: 16/6/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/6/2022 **Tested on:** 15/7/2022 **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	#1770	19	5	2022	6Diax12	---	13.2	28.28	75	5941	---	Non Engraved
2	#1773	19	5	2022	6Diax12	---	13	28.28	80	6337	---	Non Engraved
3	#1776	19	5	2022	6Diax12	---	12.8	28.28	78	6178	---	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
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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3516
Dr. Yousaf

To: **Lt Col. (R) Ubaid ur Rehman, SPM (JV) PEC Bldg**
NLC Engineers- Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 9338 **Dated: 15/7/2022** **Test Specification**

Your Ref. No. 901/NLC-TD(JV)/PEC/741 **Dated: 30/06/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/6/2022 **Tested on:** 15/7/2022 **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	OHWT Wall #1788	1	6	2022	6Diax12	---	12.6	28.28	78	6178	---	Non Engraved
2	OHWT Wall #1792	1	6	2022	6Diax12	---	13	28.28	72	5703	---	Non Engraved
3	OHWT Wall #1795	1	6	2022	6Diax12	---	12.8	28.28	72	5703	---	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
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**

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ORIGINAL
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3516
Dr. Yousaf

To: **Lt Col. (R) Ubaid ur Rehman, SPM (JV) PEC Bldg**
NLC Engineers- Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore. (Front Elevation Wall 3rd to 5th Floor).

Our Ref. No. CL/CED/ 9339 **Dated: 15/7/2022**

Your Ref. No. 901/NLC-TD(JV)/PEC/714 **Dated: 16/6/2022**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/6/2022 **Tested on:** 15/7/2022 **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	#1779	25	5	2022	6Diax12	---	13	28.28	80	6337	---	Non Engraved
2	#1782	25	5	2022	6Diax12	---	13	28.28	70	5545	---	Non Engraved
3	#1786	25	5	2022	6Diax12	---	13	28.28	70	5545	---	Non 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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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3551
Dr. Yousaf

To: Muhammad Tahir Yaseen, C.E.O
Enterprises Innovation in Interior & Exterior

Project: Construction of ABL, G.T Road Branch, Allahabad.

Our Ref. No. CL/CED/ 9340 **Dated: 15/7/2022** **Test Specification**

Your Ref. No. ABL/Cylinder Testing/ Columns/ Allahabad/2022/ **Dated: 06/07/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 06/07/2022 Tested on: 15/7/2022 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	1st Floor Col. (1:1.5:3)	8	6	2022	6Diax12	---	13	28.28	62	4911	---	Engraved
2	1st Floor Col. (1:1.5:3)	8	6	2022	6Diax12	---	12.4	28.28	46	3644	---	Engraved
3	1st Floor Col. (1:1.5:3)	8	6	2022	6Diax12	---	12.2	28.28	49	3881	---	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**

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ORIGINAL
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3554
Dr. Yousaf

To: (Iftikhar Haleem), The Engineer, UAEET Sambrial, Sialkot
Infrastructure Development Authority of the Punjab, Government of Punjab

Project: Establishment of University of Applied Engineering and Emerging Technologies (UAEET) Sambrial, Sialkot

Our Ref. No. CL/CED/ 9341 Dated: 15/7/2022 **Test Specification**

Your Ref. No. TE/UAEET/IDAP/SO/2022/023 Dated: 04/07/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/07/2022 **Tested on:** 15/7/2022 **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	Pile (TP-01)	21	6	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
2	Pile (TP-01)	21	6	2022	6Diax12	---	12.8	28.28	68	5386	---	Non Engraved
3	Pile (TP-01)	21	6	2022	6Diax12	---	13.4	28.28	69	5465	---	Non 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**

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3554
Dr. Yousaf

To: (Iftikhar Haleem), The Engineer, UAEET Sambrial, Sialkot
Infrastructure Development Authority of the Punjab, Government of Punjab

Project: Establishment of University of Applied Engineering and Emerging Technologies (UAEET) Sambrial, Sialkot

Our Ref. No. CL/CED/ 9342 Dated: 15/7/2022 **Test Specification**

Your Ref. No. TE/UAEET/IDAP/SO/2022/024 Dated: 05/07/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/07/2022 Tested on: 15/7/2022 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	Mix Design (5000/6200 Psi)	7	6	2022	6Diax12	---	13.4	28.28	88	6970	---	Non Engraved
2	Mix Design (5000/6200 Psi)	7	6	2022	6Diax12	---	13.4	28.28	78	6178	---	Non Engraved
3	Mix Design (5000/6200 Psi)	7	6	2022	6Diax12	---	13.4	28.28	58	4594	---	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
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**