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.

8325
Dr. Aqsa

To: Mr. Omair Sadiq
Project Manager, One Liberty Mall and H&S Hotel, Lahore

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

Our Ref. No. CL/CED/ 6634 Dated: 04-12-24

Your Ref. No. OL/OS/2024/19 Dated: 29/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29-11-24 Tested on: 03-12-24 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	Without Wrap-Normal	27	10	2024	6Diax12	---	14	28.28	45	3564	---	Non Engraved
2	Without Wrap-Normal	27	10	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
3	30 Wrap (300 GSM)	27	10	2024	6Diax12	---	14.6	28.28	99	7842	---	Non Engraved
4	30 Wrap (300 GSM)	27	10	2024	6Diax12	---	14	28.28	97	7683	---	Non Engraved
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Witnessed by: Mr. Omair Sadiq, CNIC # 35202-2661274-9

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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8317
Dr. Aqsa

To: Mr. Maqsood Ahmad
Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Project: Construction of Allied Bank Limited Sheikh Cotton Colony Branch, Vehari (1051) & Regional Office, Vehari

Our Ref. No. CL/CED/ 6635 Dated: 04-12-24

Your Ref. No. PCS/24/Eng-89 Dated: 28/11/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 Tested on: 03-12-24 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	2nd Floor Slab	24	10	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
2	2nd Floor Slab	24	10	2024	6Diax12	---	13.8	28.28	56	4436	---	Non Engraved
3	2nd Floor Slab	24	10	2024	6Diax12	---	14	28.28	67	5307	---	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 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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8315
Dr. Aqsa

To: Mr. Ali Zahid Latif
Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore

Our Ref. No. CL/CED/ 6636 **Dated:** 04-12-24

Your Ref. No. 4674/P&D/13/09/AZL/73 **Dated:** 28/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 **Tested on:** 03-12-24 **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	'C-76" (4000 Psi)	1	11	2024	6Diax12	---	14	28.28	43	3406	---	Non Engraved
2	'C-76" (4000 Psi)	1	11	2024	6Diax12	---	13.8	28.28	51	4040	---	Non Engraved
3	'C-76" (4000 Psi)	1	11	2024	6Diax12	---	14	28.28	42	3327	---	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.

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8315
Dr. Aqsa

To: Mr. Ali Zahid Latif
Resident Engineer, NESPAK-TURKPAK JV

Project: Reconstruction of Old P&D Building, Lahore

Our Ref. No. CL/CED/ 6637 **Dated:** 04-12-24

Your Ref. No. 4674/P&D/13/09/AZL/71 **Dated:** 21/11/2024

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 **Tested on:** 03-12-24 **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	'B-68" (5000 Psi)	23	10	2024	6Diax12	---	14.2	28.28	73	5782	---	Non Engraved
2	'B-68" (5000 Psi)	23	10	2024	6Diax12	---	14.8	28.28	93	7366	---	Non Engraved
3	'B-68" (5000 Psi)	23	10	2024	6Diax12	---	14	28.28	99	7842	---	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)
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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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ORIGINAL
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8318
Dr. Aqsa

To: Mr. Usama Altaf
Site Incharge, ALMUHANDES Engineering Solution, Karachi

Project: Construction of Production Hall Office Footing (Unilever Phool Nagar)

Our Ref. No. CL/CED/ 6638 **Dated:** 04-12-24

Your Ref. No. Nil **Dated:** 28/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 **Tested on:** 03-12-24 **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	---	7	11	2024	6Diax12	---	12.8	28.28	52	4119	---	Non Engraved
2	---	7	11	2024	6Diax12	---	14.4	28.28	22	1743	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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8318
Dr. Aqsa

To: Mr. Usama Altaf
Site Incharge, ALMUHANDES Engineering Solution, Karachi

Project: Construction of Production Hall Office Footing (Unilever Phool Nagar)

Our Ref. No. CL/CED/ 6639 **Dated:** 04-12-24

Your Ref. No. Nil **Dated:** 28/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/11/2024 **Tested on:** 03-12-24 **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	---	5	11	2024	6Diax12	---	14.8	28.28	31	2455	---	Non Engraved
2	---	5	11	2024	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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8301
Dr. Aqsa

To: Mr. Safdar Rashid
Resident Engineer, Consulting Engineers-Architecture & Planning Division, NESPAK (Pvt) Ltd

Project: KBCMA College of Veterinary and Animal Sciences Narowal Campus

Our Ref. No. CL/CED/ 6640 Dated: 04-12-24

Your Ref. No. 4650/311/SR/66 Dated: 13/11/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2024 Tested on: 03-12-24 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	Day Care Center (RoofSlab,1:1.5:3)	15	10	2024	6Diax12	---	15	28.28	55	4356	---	Non Engraved
2	Day Care Center (RoofSlab,1:1.5:3)	15	10	2024	6Diax12	---	14.4	28.28	66	5228	---	Non Engraved
3	Day Care Center (RoofSlab,1:1.5:3)	15	10	2024	6Diax12	---	14.6	28.28	67	5307	---	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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8350
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: ENHANCEMENT & CONSTRUCTION OF THE SHRINE SYED ALI AL-HAJVERI (R.A), (DATA GANJ BAKHSH) LAHORE.

Our Ref. No. CL/CED/ 6641 Dated: 04-12-24

Your Ref. No. 4580/13/AA/01/33116 Dated: 03-12-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-12-24 Tested on: 04-12-24 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	Pile (4000 Psi)	6	11	2024	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	Pile (4000 Psi)	6	11	2024	6Diax12	---	14.6	28.28	79	6257	---	Non Engraved
3	Pile (4000 Psi)	6	11	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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.

8350
Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: ENHANCEMENT & CONSTRUCTION OF THE SHRINE SYED ALI AL-HAJVERI (R.A), (DATA GANJ BAKHSH) LAHORE.

Our Ref. No. CL/CED/ 6642 Dated: 04-12-24 **Test Specification**

Your Ref. No. 4580/13/AA/01/33084 Dated: 26-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-12-24 Tested on: 04-12-24 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	Anchor Pile # 02 (4000 Psi)	28	10	2024	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	Anchor Pile # 02 (4000 Psi)	28	10	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	Anchor Pile # 02 (4000 Psi)	28	10	2024	6Diax12	---	14.4	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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Dr. Aqsa

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: ENHANCEMENT & CONSTRUCTION OF THE SHRINE SYED ALI AL-HAJVERI (R.A), (DATA GANJ BAKHSH) LAHORE.

Our Ref. No. CL/CED/ 6643 Dated: 04-12-24 **Test Specification**

Your Ref. No. 4580/13/AA/01/33076 Dated: 21-11-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-12-24 Tested on: 04-12-24 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	Anchor Pile # 01 (4000 Psi)	23	10	2024	6Diax12	---	14.2	28.28	71	5624	---	Non Engraved
2	Anchor Pile # 01 (4000 Psi)	23	10	2024	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
3	Anchor Pile # 01 (4000 Psi)	23	10	2024	6Diax12	---	13.4	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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