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.

9664
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No.2, Gujranwala.

Project: Improvement Workforce Readiness in Punjab Project (IWRPP) Government College of Technology Gujranwala.

Our Ref. No. CL/CED/ 8746 **Dated:** 01/07/2025 **Test Specification**

Your Ref. No. No.1682/G-21 **Dated:** 16/06/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/06/2025 **Tested on:** 01/07/2025 **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 Slab (3000 Psi)	22	5	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
2	Basement Slab (3000 Psi)	22	5	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
3	Basement Slab (3000 Psi)	22	5	2025	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	Basement Slab (3000 Psi)	22	5	2025	6Diax12	---	13	28.28	62	4911	---	Non Engraved
5	Basement Slab (3000 Psi)	22	5	2025	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
6	Basement Slab (3000 Psi)	22	5	2025	6Diax12	---	13	28.28	66	5228	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
A carbon copy for the report has been retained in the lab for record.

9682
Dr. Umbreen

To: Mr. Naeem Akhtar
Director, Usman Ibrahim Construction Pakistan

Project: Construction of Alam Tower. (Second Basement Shear Wall-W5)

Our Ref. No. CL/CED/ 8747 **Dated:** 01/07/2025 **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/06/2025 **Tested on:** 01/07/2025 **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	(6000 Psi)	15	4	2025	6Diax12	---	14	28.28	84	6653	---	Non Engraved
2	(6000 Psi)	15	4	2025	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	(6000 Psi)	15	4	2025	6Diax12	---	13.4	28.28	102	8079	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
A carbon copy for the report has been retained in the lab for record.

9682
Dr. Umbreen

To: Mr. Naeem Akhtar
Director, Usman Ibrahim Construction Pakistan

Project: Construction of Alam Tower. (Second Basement Retaining Wall)

Our Ref. No. CL/CED/ 8748 **Dated: 01/07/2025** **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/06/2025 Tested on: 01/07/2025 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	(6000 Psi)	15	4	2025	6Diax12	---	13.8	28.28	104	8238	---	Non Engraved
2	(6000 Psi)	15	4	2025	6Diax12	---	14	28.28	104	8238	---	Non Engraved
3	(6000 Psi)	15	4	2025	6Diax12	---	13.4	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
A carbon copy for the report has been retained in the lab for record.

9682
Dr. Umbreen

To: Mr. Naeem Akhtar
Director, Usman Ibrahim Construction Pakistan

Project: Construction of Alam Tower. (Second Basement Shear Wall-W3)

Our Ref. No. CL/CED/ 8749 **Dated: 01/07/2025** **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/06/2025 Tested on: 01/07/2025 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	(6000 Psi)	28	4	2025	6Diax12	---	14	28.28	96	7604	---	Non Engraved
2	(6000 Psi)	28	4	2025	6Diax12	---	14	28.28	102	8079	---	Non Engraved
3	(6000 Psi)	28	4	2025	6Diax12	---	14	28.28	98	7762	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
A carbon copy for the report has been retained in the lab for record.

9682
Dr. Umbreen

To: Mr. Naeem Akhtar
Director, Usman Ibrahim Construction Pakistan

Project: Construction of Alam Tower. (Second Basement Column (Grid 3 to 10 & G to D))

Our Ref. No. CL/CED/ 8750 **Dated: 01/07/2025** **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/06/2025 Tested on: 01/07/2025 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	(6000 Psi)	24	4	2025	6Diax12	---	13.8	28.28	94	7446	---	Non Engraved
2	(6000 Psi)	24	4	2025	6Diax12	---	14	28.28	90	7129	---	Non Engraved
3	(6000 Psi)	24	4	2025	6Diax12	---	14	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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ORIGINAL
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9682
Dr. Umbreen

To: Mr. Naeem Akhtar
Director, Usman Ibrahim Construction Pakistan.

Project: Construction of Alam Tower. (Second Basement Retaining Wall)

Our Ref. No. CL/CED/ 8751 **Dated: 01/07/2025** **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/06/2025 Tested on: 01/07/2025 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	(6000 Psi)	26	3	2025	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
2	(6000 Psi)	26	3	2025	6Diax12	---	13.6	28.28	94	7446	---	Non Engraved
3	(6000 Psi)	26	3	2025	6Diax12	---	14	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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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9682
Dr. Umbreen

To: Mr. Naeem Akhtar
Director, Usman Ibrahim Construction Pakistan

Project: Construction of Alam Tower. (Second Basement Column (Grid 3 to 10 & G to D))

Our Ref. No. CL/CED/ 8752 **Dated:** 01/07/2025 **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/06/2025 **Tested on:** 01/07/2025 **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	(6000 Psi)	26	3	2025	6Diax12	---	14	28.28	94	7446	---	Non Engraved
2	(6000 Psi)	26	3	2025	6Diax12	---	14	28.28	96	7604	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
A carbon copy for the report has been retained in the lab for record.

9682
Dr. Umbreen

To: Mr. Naeem Akhtar
Director, Usman Ibrahim Construction Pakistan

Project: Construction of Alam Tower. (Second Basement Column (Grid 3 to 10 & G to D))

Our Ref. No. CL/CED/ 8753 **Dated:** 01/07/2025 **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/06/2025 **Tested on:** 01/07/2025 **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	(6000 Psi)	21	3	2025	6Diax12	---	14	28.28	92	7287	---	Non Engraved
2	(6000 Psi)	21	3	2025	6Diax12	---	14	28.28	102	8079	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

9696
Dr. Umbreen

To: Mr. Muhammad Saud Barakzai, Engineer Representative
Mr. Muhammad Asif, Material Engineer, NESPAK (Pvt.) Ltd. (M/S CCECC-HCS (JV))

Project: Expansion of Terminal Building and Allied Facilities at Allama Iqbal International Airport (AIIAP) Lahore.

Our Ref. No. CL/CED/ 8754 **Dated:** 01/07/2025 **Test Specification**

Your Ref. No. 3043/50Q/MSB/108/1139 **Dated:** 23/06/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27/06/2025 **Tested on:** 01/07/2025 **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	---	25	5	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
2	---	25	5	2025	6Diax12	---	14	28.28	82	6495	---	Non Engraved
3	---	25	5	2025	6Diax12	---	14	28.28	62	4911	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

9700
Dr. Umbreen

To: Mr. Sulman Kasuri
Material Engineer, BH Consultants

Project: Construction of 4-Storey Commercial Building (Frame Structure) E-1 Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 8755 Dated: 01/07/2025 Test Specification

Your Ref. No. Request#051 Dated: 25/06/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27/06/2025 Tested on: 01/07/2025 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	Mumty Column (1:2:4)(3000 Psi)	20	5	2025	6Diax12	---	13	28.28	42	3327	---	Non Engraved
2	Mumty Column (1:2:4)(3000 Psi)	20	5	2025	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
3	Mumty Column (1:2:4)(3000 Psi)	20	5	2025	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
4	Mumty Slab (1:2:4)(3000 Psi)	21	5	2025	6Diax12	---	13	28.28	32	2535	---	Non Engraved
5	Mumty Slab (1:2:4)(3000 Psi)	21	5	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
6	Mumty Slab (1:2:4)(3000 Psi)	21	5	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
7	Top Floor Col. (1:2:4)(3000 Psi)	23	5	2025	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
8	Top Floor Col. (1:2:4)(3000 Psi)	23	5	2025	6Diax12	---	12.8	28.28	44	3485	---	Non Engraved
9	Top Floor Col. (1:2:4)(3000 Psi)	23	5	2025	6Diax12	---	13	28.28	46	3644	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

9700
Dr. Umbreen

To: Mr. Sulman Kasuri
Material Engineer, BH Consultants

Project: Construction of 4-Storey Commercial Building (Frame Structure) B-Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 8756 Dated: 01/07/2025 Test Specification

Your Ref. No. Request#052 Dated: 25/06/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27/06/2025 Tested on: 01/07/2025 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 (1:1.5:3)(4000 Psi)	23	5	2025	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
2	Column (1:1.5:3)(4000 Psi)	23	5	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	Column (1:1.5:3)(4000 Psi)	23	5	2025	6Diax12	---	13.4	28.28	76	6020	---	Non Engraved
4	Lift (1:1.5:3) (4000 Psi)	31	5	2025	6Diax12	---	13.2	28.28	76	6020	---	Non Engraved
5	Lift (1:1.5:3) (4000 Psi)	31	5	2025	6Diax12	---	13	28.28	48	3802	---	Non Engraved
6	Lift (1:1.5:3) (4000 Psi)	31	5	2025	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
7	GF Slab (1:2:4)(3000 Psi)	5	6	2025	6Diax12	---	13	28.28	70	5545	---	Non Engraved
8	GF Slab (1:2:4)(3000 Psi)	5	6	2025	6Diax12	---	12.8	28.28	72	5703	---	Non Engraved
9	GF Slab (1:2:4)(3000 Psi)	5	6	2025	6Diax12	---	13.2	28.28	76	6020	---	Non Engraved
10	GF Slab (1:2:4)(3000 Psi)	5	6	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
11	GF Slab (1:2:4)(3000 Psi)	5	6	2025	6Diax12	---	13.8	28.28	48	3802	---	Non Engraved
12	GF Slab (1:2:4)(3000 Psi)	5	6	2025	6Diax12	---	13.2	28.28	74	5861	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

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.

9700
Dr. Umbreen

To: Mr. Sulman Kasuri
Material Engineer, BH Consultants

Project: Construction of 4-Storey Commercial Building (Frame Structure) J-Block, Valancia Society, Lahore.

Our Ref. No. CL/CED/ 8757 Dated: 01/07/2025 Test Specification

Your Ref. No. Request#053 Dated: 25/06/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27/06/2025 Tested on: 01/07/2025 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	Rtng.Wall(1:1.5:3)(4 Ksi)	23	5	2025	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
2	Rtng.Wall(1:1.5:3)(4 Ksi)	23	5	2025	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
3	Rtng.Wall(1:1.5:3)(4 Ksi)	23	5	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
4	Pool Slab(1:2:4) (3000 Psi)	5	6	2025	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
5	Pool Slab(1:2:4) (3000 Psi)	5	6	2025	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
6	Pool Slab(1:2:4) (3000 Psi)	5	6	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
7	Pool Slab(1:2:4) (3000 Psi)	5	6	2025	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
8	Pool Slab(1:2:4) (3000 Psi)	5	6	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
9	Pool Slab(1:2:4) (3000 Psi)	5	6	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
10	Jacuzzi (1:1.5:3)(4000 Psi)	5	6	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
11	Jacuzzi (1:1.5:3)(4000 Psi)	5	6	2025	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
12	Jacuzzi (1:1.5:3)(4000 Psi)	5	6	2025	6Diax12	---	13.6	28.28	66	5228	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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 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**

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.

9702
Dr. Umbreen

To: Mr. Manzoor Ahmad Joya
Resident Engineer, NESPAK (Pvt) Ltd.

Project: Establishment of Labour Colony at Quaid-e-Azam Business Park, M-2 Motorway District, Sheikhupura. Construction of Infrastructure Works (Contract Package-C)

Our Ref. No. CL/CED/ 8758 Dated: 01/07/2025

Your Ref. No. 3844/311/RE/156 Dated: 23/06/2025

Test Specification
(----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/06/2025 Tested on: 01/07/2025 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	Precast Edge Kerb Stone	---	---	---	6x6x6	---	8.4	36	82	5102	---	Cut Cube
2	Precast Edge Kerb Stone	---	---	---	6x6x5.9	---	8.2	36	64	3982	---	Cut Cube
3	Precast Edge Kerb Stone	---	---	---	6x6.2x6	---	8.2	37.2	74	4456	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

9701
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pakistan (Pvt) Ltd.

Project: Jazz Solar Project (Site ID: RUR0258)

Our Ref. No. CL/CED/ 8759 **Dated: 01/07/2025** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/06/2025 Tested on: 01/07/2025 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	Raft (1:1.5:3)	21	6	2025	6x6x6	---	8	36	64	3982	---	Non Engraved
2	Raft (1:1.5:3)	21	6	2025	6x6x6	---	8	36	80	4978	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

9701
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pakistan (Pvt) Ltd.

Project: Jazz Solar Project (Site ID: RUR0258)

Our Ref. No. CL/CED/ 8760 **Dated: 01/07/2025** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/06/2025 Tested on: 01/07/2025 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 (1:1.5:3)	22	6	2025	6x6x6	---	8	36	94	5849	---	Non Engraved
2	Column (1:1.5:3)	22	6	2025	6x6x6	---	8.4	36	82	5102	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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**

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.

9701
Dr. Umbreen

To: Mr. Basharat Ismail
LCC Pakistan (Pvt) Ltd.

Project: Jazz Solar Project (Site ID: RUR 1282)

Our Ref. No. CL/CED/ 8761 **Dated:** 01/07/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/06/2025 **Tested on:** 01/07/2025 **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	Raft & Column (1:1.5:3)	20	6	2025	6x6x6	---	8	36	84	5227	---	Non Engraved
2	Raft & Column (1:1.5:3)	20	6	2025	6x6x6	---	8.4	36	76	4729	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

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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.

9705
Dr. Umbreen

To: Mr. Muhammad Azhar Bhaur
CEO Stone Pakistan. 3-Golf Avenue Canal Bank, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8762 **Dated:** 01/07/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 30/06/2025 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/06/2025 **Tested on:** 01/07/2025 **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	Sample # 2 (Dry Condition)	---	---	---	4.5x4.5x4.5	---	1455	20.25	4	442	---	Non Engraved
2	Sample # 3 (Dry Condition)	---	---	---	4.5x4.5x4.5	---	1380	20.25	2	221	---	Non Engraved
3	Sample # 4 (SSD Condition)	---	---	---	4.5x4.5x4.5	---	1795	20.25	3.5	387	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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