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.

8968
Engr. A. Rehman

To: Managing Partner
For Shaheen Associates, New Garden Town, Lahore.

Project: Escorts Advanced Textiles (Pvt.) Ltd. Muridkey. WWTP (ETP). (Location: WWTP Rcc wall outer side)

Our Ref. No. CL/CED/ 7548 **Dated:** 28/02/2025 **Test Specification**

Your Ref. No. SBA-1/7060 **Dated:** 20/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/02/2025 **Tested on:** 28/02/2025 **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	(1:1.5:3)	13	2	2025	6Diax12	---	13.4	28.28	30	2376	---	Engraved
2	(1:1.5:3)	13	2	2025	6Diax12	---	13.8	28.28	40	3168	---	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)
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.

8966
Dr. Umbreen

To: Mr. Tahawar Owais
Project Manager, DSG ENERGY, Garden Town, Lahore

Project: Construction of Office Building at 29-M QIE, Lahore

Our Ref. No. CL/CED/ 7549 **Dated: 28/2/2025** **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: 21/2/2025 **Tested on:** 27/2/2025 **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	---	28	1	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	---	28	1	2025	6Diax12	---	14.2	28.28	70	5545	---	Non Engraved
3	---	28	1	2025	6Diax12	---	14.6	28.28	73	5782	---	Non Engraved
4	---	1	2	2025	6Diax12	---	14	28.28	72	5703	---	Non Engraved
5	---	1	2	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
6	---	1	2	2025	6Diax12	---	14	28.28	86	6812	---	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/

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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ORIGINAL
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8963
Dr. Umbreen

To: Mr. Kamran Khan
Procurement Manager, Q-Links Property Management Pvt. Ltd

Project: Construction of Gold Souq, Bahria Town Lahore (Roof Slab Basement Grid 5-6/BC; Ground Floor Column Grid 4,5 &6/ABC)

Our Ref. No. CL/CED/ 7550 Dated: 28/2/2025 **Test Specification**

Your Ref. No. QLC-Gold-2024-LT FGK-17 Dated: 20/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 **Tested on:** 27/2/2025 **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	3500 Psi	18	1	2025	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
2	3500 Psi	18	1	2025	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
3	5000 Psi	7	2	2025	6Diax12	---	14.2	28.28	60	4752	---	Non Engraved
4	5000 Psi	7	2	2025	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
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 compresssive 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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8929
Dr. Umbreen

To: AL-HADEED CORPORATION
Gulberg-III, Lahore.

Project: Construction of Shell Petrol Pump at Yateem Khana, Lahore.

Our Ref. No. CL/CED/ 7551 **Dated: 28/2/2025** **Test Specification**

Your Ref. No. AHC/559/12 **Dated: 17/2/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 27/2/2025 **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	Fibre Concrete	18	1	2025	6Diax12	---	14	28.28	34	2693	---	Non Engraved
2	Fibre Concrete	18	1	2025	6Diax12	---	14.6	28.28	70	5545	---	Non Engraved
3	Fibre Concrete	18	1	2025	6Diax12	---	14	28.28	63	4990	---	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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8929
Dr. Umbreen

To: AL-HADEED CORPORATION
Gulberg-III, Lahore.

Project: Construction of Shell Petrol Pump at Yateem Khana, Lahore

Our Ref. No. CL/CED/ 7552 **Dated: 28/2/2025** **Test Specification**

Your Ref. No. AHC/559/12 **Dated: 14/2/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2025 **Tested on:** 27/2/2025 **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	Concrete	16	1	2025	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
2	Concrete	16	1	2025	6Diax12	---	14	28.28	74	5861	---	Non Engraved
3	Concrete	16	1	2025	6Diax12	---	13.8	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 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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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8961
Dr. Umbreen

To: Rana Mohammad Haris
Assistant Application Manager, NIMIR Chemcoat Ltd.

Project: Askari Shoes AWT Site Kot Lakhpat

Our Ref. No. CL/CED/ 7553 **Dated:** 28/2/2025 **Test Specification**

Your Ref. No. NCCL-125-AWT-103 **Dated:** 20/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 **Tested on:** 27/2/2025 **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	---	14	2	2025	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
2	---	14	2	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
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 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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8977
Dr. Umbreen

To: High Rise Builders
585, H3, Johar Town, Lahore.

Project: 327 G3 Johar Town.

Our Ref. No. CL/CED/ 7554 Dated: 28/2/2025 Test Specification

Your Ref. No. Nil Dated: 24/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/2/2025 Tested on: 27/2/2025 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	3000 Psi	13	2	2025	6Diax12	---	12.6	28.28	14	1109	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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)
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
A carbon copy for the report has been retained in the lab for record.

8987
Engr. A. Rehman

To: Engr. Ali H. K. Bangash
Director Engineering Projects, Classic International, Markaz Plaza Islamabad.

Project: Nil

Our Ref. No. CL/CED/ 7555 **Dated:** 28/2/2025 **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: 26/2/2025 **Tested on:** 28/2/2025 **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	4000 Psi	14	2	2025	6Diax12	---	13.2	28.28	36	2851	---	Non Engraved
2	4000 Psi	14	2	2025	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
3	4000 Psi	14	2	2025	6Diax12	---	13.8	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 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.

8924
Engr. A. Rehman

To: Mr. Waleed
Resident Engineer, GIM Developers, New Garden Town, Lahore

Project: Construction of Plaza at 51 Baber Block, New Garden Town, Lahore

Our Ref. No. CL/CED/ 7556 **Dated:** 28/2/2025 **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: 17/2/2025 **Tested on:** 28/2/2025 **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	4500 Psi	1	2	2025	6Diax12	---	14	28.28	64	5069	---	Engraved
2	4500 Psi	1	2	2025	6Diax12	---	13.4	28.28	54	4277	---	Engraved
3	4500 Psi	1	2	2025	6Diax12	---	13.6	28.28	64	5069	---	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**

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.

8973
Engr. A. Rehman

To: Engr. M. Rashid
Site Engineer, Husnain Builders, DHA Rahber Pgase 11, Lahore

Project: Construction of LGS Central Park Campus Lahore

Our Ref. No. CL/CED/ 7557 **Dated:** 28/2/2025 **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: 24/2/2025 **Tested on:** 28/2/2025 **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	---	7	2	2025	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
2	---	7	2	2025	6Diax12	---	13.8	28.28	42	3327	---	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)
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.

8973
Engr. A. Rehman

To: Engr. M. Rashid
Site Engineer, Husnain Builders, DHA Rahber Pgase 11, Lahore

Project: Construction of LGS Central Park Campus Lahore

Our Ref. No. CL/CED/ 7558 **Dated:** 28/2/2025 **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: 24/2/2025 **Tested on:** 28/2/2025 **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	---	9	2	2025	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
2	---	9	2	2025	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
3	---	9	2	2025	6Diax12	---	13.2	28.28	42	3327	---	Non Engraved
4	---	9	2	2025	6Diax12	---	13	28.28	42	3327	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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
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8989
Engr. A. Rehman

To: Engr. Aziz ur Rahman
Assistance Resident Engineers, On the Behalf of ACE- Architectural & Town Planning Services Ltd

Project: Resident Construction Supervision for Construction of Net Zero Energy Building (ACEIP, DLI-8), Lahore (Structure- Concrete Trail)

Our Ref. No. CL/CED/ 7559 Dated: 28/2/2025 **Test Specification**

Your Ref. No. NZEB/ACE/LAB/2025/22 Dated: 26/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/2/2025 **Tested on:** 28/2/2025 **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	Lab Curing (4000 Psi)	17	1	2025	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	Lab Curing (4000 Psi)	17	1	2025	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	Lab Curing (4000 Psi)	17	1	2025	6Diax12	---	14.2	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 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
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University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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8989
Engr. A. Rehman

To: Engr. Aziz ur Rahman
Assistance Resident Engineers, On the Behalf of ACE- Architectural & Town Planning Services Ltd

Project: Resident Construction Supervision for Construction of Net Zero Energy Building (ACEIP, DLI-8), Lahore (Structure- Concrete Trail)

Our Ref. No. CL/CED/ 7560 Dated: 28/2/2025 **Test Specification**

Your Ref. No. NZEB/ACE/LAB/2025/21 Dated: 26/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/2/2025 **Tested on:** 28/2/2025 **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	Lab Curing (1500 Psi)	8	1	2025	6Diax12	---	13.8	28.28	32	2535	---	Non Engraved
2	Lab Curing (1500 Psi)	8	1	2025	6Diax12	---	13.6	28.28	33	2614	---	Non Engraved
3	Lab Curing (1500 Psi)	8	1	2025	6Diax12	---	13.4	28.28	34	2693	---	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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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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Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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8964
Engr. A. Rehman

To: Mr. Malik Amir Haider
Deputy Director (Maintenance), National Highway Authority, Sahiwal

Project: Contract No. GI-PS-2022-23-PS-05-01; Geometric Improvement of Intersections a KM 0+000 (KFC Chowk) & KM 8+900 McDonalds Chowk, Sahiwal Bypass Sahiwal on N-5.

Our Ref. No. CL/CED/ 7561 Dated: 28/2/2025 Test Specification

Your Ref. No. DD(Maint)/SWL/PS/NHA/2025/236 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 **Tested on:** 28/2/2025 **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	280 KG/ Sq cm	18	1	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	280 KG/ Sq cm	18	1	2025	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
3	280 KG/ Sq cm	18	1	2025	6Diax12	---	13.4	28.28	74	5861	---	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)
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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.

8964
Engr. A. Rehman

To: Mr. Malik Amir Haider
Deputy Director (Maintenance), National Highway Authority, Sahiwal

Project: Contract No. GI-PS-2022-23-PS-05-01; Geometric Improvement of Intersections a KM 0+000 (KFC Chowk) & KM 8+900 McDonalds Chowk, Sahiwal Bypass Sahiwal on N-5.

Our Ref. No. CL/CED/ 7562 Dated: 28/2/2025 Test Specification

Your Ref. No. DD(Maint)/SWL/PS/NHA/2025/240 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 Tested on: 28/2/2025 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	280 KG/ Sq cm	14	1	2025	6Diax12	---	13.6	28.28	54	4277	---	Engraved
2	280 KG/ Sq cm	14	1	2025	6Diax12	---	13.4	28.28	43	3406	---	Engraved
3	280 KG/ Sq cm	14	1	2025	6Diax12	---	14	28.28	54	4277	---	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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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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8964
Engr. A. Rehman

To: Mr. Malik Amir Haider
Deputy Director (Maintenance), National Highway Authority, Sahiwal

Project: Contract No. GI-PS-2022-23-PS-05-01; Geometric Improvement of Intersections a KM 0+000 (KFC Chowk) & KM 8+900 McDonalds Chowk, Sahiwal Bypass Sahiwal on N-5.

Our Ref. No. CL/CED/ 7563 Dated: 28/2/2025 **Test Specification**

Your Ref. No. DD(Maint)/SWL/PS/NHA/2025/239 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 **Tested on:** 28/2/2025 **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	280 KG/ Sq cm	15	1	2025	6Diax12	---	13.6	28.28	50	3960	---	Engraved
2	280 KG/ Sq cm	15	1	2025	6Diax12	---	14	28.28	43	3406	---	Engraved
3	280 KG/ Sq cm	15	1	2025	6Diax12	---	13.8	28.28	58	4594	---	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 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.

8964
Engr. A. Rehman

To: Mr. Malik Amir Haider
Deputy Director (Maintenance), National Highway Authority, Sahiwal

Project: Contract No. GI-PS-2022-23-PS-05-01; Geometric Improvement of Intersections a KM 0+000 (KFC Chowk) & KM 8+900 McDonalds Chowk, Sahiwal Bypass Sahiwal on N-5.

Our Ref. No. CL/CED/ 7564 Dated: 28/2/2025 Test Specification

Your Ref. No. DD(Maint)/SWL/PS/NHA/2025/238 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 **Tested on:** 28/2/2025 **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	280 KG/ Sq cm	16	1	2025	6Diax12	---	13.4	28.28	48	3802	---	Engraved
2	280 KG/ Sq cm	16	1	2025	6Diax12	---	13.4	28.28	40	3168	---	Engraved
3	280 KG/ Sq cm	16	1	2025	6Diax12	---	13.4	28.28	48	3802	---	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**

Plain and Reinforced Concrete Laboratory
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ORIGINAL
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8964
Engr. A. Rehman

To: Mr. Malik Amir Haider
Deputy Director (Maintenance), National Highway Authority, Sahiwal

Project: Contract No. GI-PS-2022-23-PS-05-01; Geometric Improvement of Intersections a KM 0+000 (KFC Chowk) & KM 8+900 McDonalds Chowk, Sahiwal Bypass Sahiwal on N-5.

Our Ref. No. CL/CED/ 7565 Dated: 28/2/2025 Test Specification

Your Ref. No. DD(Maint)/SWL/PS/NHA/2025/237 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 **Tested on:** 28/2/2025 **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	280 KG/ Sq cm	17	1	2025	6Diax12	---	13.4	28.28	50	3960	---	Engraved
2	280 KG/ Sq cm	17	1	2025	6Diax12	---	13.4	28.28	60	4752	---	Engraved
3	280 KG/ Sq cm	17	1	2025	6Diax12	---	14	28.28	52	4119	---	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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8964
Engr. A. Rehman

To: Mr. Malik Amir Haider
Deputy Director (Maintenance), National Highway Authority, Sahiwal

Project: Contract No. GI-PS-2022-23-PS-05-01; Geometric Improvement of Intersections a KM 0+000 (KFC Chowk) & KM 8+900 McDonalds Chowk, Sahiwal Bypass Sahiwal on N-5.

Our Ref. No. CL/CED/ 7566 Dated: 28/2/2025 Test Specification

Your Ref. No. DD(Maint)/SWL/PS/NHA/2025/235 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/2/2025 Tested on: 28/2/2025 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	280 KG/ Sq cm	20	1	2025	6Diax12	---	14	28.28	48	3802	---	Engraved
2	280 KG/ Sq cm	20	1	2025	6Diax12	---	13.8	28.28	52	4119	---	Engraved
3	280 KG/ Sq cm	20	1	2025	6Diax12	---	13	28.28	42	3327	---	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 compresssive 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
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ORIGINAL
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8969
Engr. A. Rehman

To: Sub Divisional Officer
Kallurkot Canal Sub Division, Kallurkot

Project: Rehabilitation/ Construction of Offices/ Residencial Complexes for the Newly Created Zone/ Circles/Divisions/ Sub-Divisions in Irrigation Zone Sargodha (Khansar Canal Division Package B)

Our Ref. No. CL/CED/ 7567 **Dated:** 28/2/2025

Your Ref. No. 28/1-E **Dated:** 27/1/2025

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 21/2/2025 **Tested on:** 28/2/2025 **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	---	27	1	2025	6x6x6	---	8.2	36	58	3609	---	Non Engraved
2	---	27	1	2025	6x6x6	---	8.2	36	72	4480	---	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)
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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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8976
Engr. A. Rehman

To: Mr. MAHR MUHAMMAD ASIF
Divisional Forest Officer Lahore, Forest Division Lahore.

Project: Construction of Security Room & Washroom at Forest Colony 108 Ravi Road, Lahore. "Provision of Missing Facilities in Forest Complex at Ravi Road, Lahore"

Our Ref. No. CL/CED/ 7568 Dated: 28/02/2025 Test Specification

Your Ref. No. 888/AC Dated: 22/02/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 24/02/2025 Tested on: 28/02/2025 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	SA	---	---	---	9 x 4.4 x 3	---	3545	39.6	36	2036	---	---
2	SA	---	---	---	8.9 x 4.4 x 3	---	3520	39.16	37	2116	---	---
3	SA	---	---	---	9 x 4.3 x 3	---	3540	38.7	32	1852	---	---
4	SA	---	---	---	9 x 4.4 x 3	---	3455	39.6	26	1471	---	---
5	SA	---	---	---	9 x 4.4 x 3	---	3615	39.6	36	2036	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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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