



**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.

174  
 Dr. M. Mazhar

**To:** Mr. M. Sajid Sultan  
 District Talagang.

**Project:** Nil

**Our Ref. No. CL/CED/ 9528**

**Dated: 24/9/2025**

**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:** 18/9/2025 **Tested on:** 24/9/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	10	8	2025	6Diax12	---	14.6	28.28	94	7446	---	Non Engraved
2	---	10	8	2025	6Diax12	---	14.6	28.28	78	6178	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* AC1318-08 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

211  
 Dr. M. Mazhar

**To: Mr. Abdul Baseet**  
 Material Engineer, For Banu Mukhtar Contracting (Pvt) Ltd

**Project: Burj-1 by Ajwa Builders (Stair-03, Grids: -F-G/2-3; Main Building 6th Floor to 7th Floor Zone-01)**

**Our Ref. No. CL/CED/ 9529**

**Dated: 24/9/2025**

**Test Specification**

**Your Ref. No. DOC-BMC/AJWA/206**

**Dated: 22/9/2025**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 23/9/2025    Tested on: 24/9/2025    in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	4000 Psi	17	8	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
2	4000 Psi	17	8	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
3	4000 Psi	17	8	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* 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

- 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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211  
 Dr. M. Mazhar

**To: Mr. Abdul Baseet**  
 Material Engineer, For Banu Mukhtar Contracting (Pvt) Ltd

**Project: Burj-1 by Ajwa Builders (Slab (Pour-01), Grids: -B-H/6'-9; Main Building 13th Floor Zone-02)**

**Our Ref. No. CL/CED/ 9530**

**Dated: 24/9/2025**

**Test Specification**

**Your Ref. No. DOC-BMC/AJWA/207**

**Dated: 22/9/2025**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 23/9/2025    Tested on: 24/9/2025    in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	4000 Psi	22	8	2025	6Diax12	---	13.9	28.28	68	5386	---	Non Engraved
2	4000 Psi	22	8	2025	6Diax12	---	13.9	28.28	68	5386	---	Non Engraved
3	4000 Psi	22	8	2025	6Diax12	---	13.9	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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193  
Dr. M. Mazhar

To: Ch. Suneel Ahmed  
A.I Heights, New Garden Town, Lahore

Project: Apartment Building at 38, Tariq Block, New Garden Town Lahore

Our Ref. No. CL/CED/ 9531

Dated: 24/9/2025

Test Specification

Your Ref. No. GM/010

Dated: 22/9/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22/9/2025 Tested on: 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	25	8	2025	6Diax12	---	14	28.28	100	7921	---	Non Engraved
2	---	25	8	2025	6Diax12	---	14	28.28	102	8079	---	Non Engraved
3	---	25	8	2025	6Diax12	---	13.9	28.28	110	8713	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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203  
 Dr. M. Mazhar

**To:** Syed Naveed Hassan  
 Chief Executive, Ata Medical Complex (Pvt) Ltd

**Project:** Ata Medical Complex, Faisalabad

**Our Ref. No.** CL/CED/ 9532

**Dated:** 24/9/2025

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 22/9/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 23/9/2025 **Tested on:** 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	2	8	2025	6Diax12	---	13	28.28	34	2693	---	Engraved
2	---	2	8	2025	6Diax12	---	13	28.28	34	2693	---	Engraved
3	---	2	8	2025	6Diax12	---	13	28.28	34	2693	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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199  
 Dr. M. Mazhar

To: Engr. Abdullah Imran  
 P & C Engineer, Ittefaq Building Solutions Pvt Ltd

Project: AM International Raiwind Road Lahore

Our Ref. No. CL/CED/ 9533

Dated: 24/9/2025

Test Specification

Your Ref. No. Nil

Dated: 22/9/2025

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22/9/2025 Tested on: 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	FF Slab (3000 Psi)	26	8	2025	6Diax12	---	13.8	28.28	38	3010	---	Non Engraved
2	FF Slab (3000 Psi)	26	8	2025	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
3	FF Slab (3000 Psi)	26	8	2025	6Diax12	---	13	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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**ORIGINAL**  
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196  
 Dr. M. Mazhar

**To:** Mr. Rashid Kamran  
 Resident Engineer/E.R, Construction Management Division, NESPAK (Pvt) Ltd

**Project:** Construction of Electric Bus Depot at Green Town, Lahore

**Our Ref. No. CL/CED/ 9534**

**Dated: 24/9/2025**

**Test Specification**

**Your Ref. No. 4792/13/RK/05/88**

**Dated: 15/9/2025**

**( ASTM C39 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 22/9/2025 **Tested on:** 24/9/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	4000 Psi	13	8	2025	6Diax12	---	13.4	28.28	68	5386	---	Non Engraved
2	4000 Psi	13	8	2025	6Diax12	---	14	28.28	60	4752	---	Non Engraved
3	4000 Psi	13	8	2025	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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**Supervisor (Lab)**

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212  
 Dr. M. Mazhar

**To:** Mr. Farrukah Saif  
 Assistant Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Ltd  
 Project: Engineering Consultancy Services for Construction of MPA'S Hostel Lahore, Phase-II (Raft Grid K'-P/12-19, Group No. 02)  
 Our Ref. No. CL/CED/ 9535      Dated: 24/9/2025      Test Specification  
 Your Ref. No. 340/ECSP/MPA/ME/101      Dated: 14/9/2025      ( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 23/9/2025 Tested on: 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Ratio (1:1:2)	18	8	2025	6x6x6	---	8.6	36	110	6844	---	Non Engraved
2	Ratio (1:1:2)	18	8	2025	6x6x6	---	8	36	86	5351	---	Non Engraved
3	Ratio (1:1:2)	18	8	2025	6x6x6	---	8.6	36	110	6844	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* AC1318-08 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

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- 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.

204  
 Dr. M. Mazhar

**To:** Engr. M. Rashid  
 Site Engineer, Husnain Kareemain, Residential & Commercial Builders, Lahore

**Project:** Lahore Grammar School 308-C Johar Town Lahore

**Our Ref. No. CL/CED/ 9536**

**Dated: 24/9/2025**

**Test Specification**

**Your Ref. No. Nil**

**Dated: Nil**

**( BS 1881-116 )**

## COMPRESSION TEST REPORT



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

**Specimens received on:** 23/9/2025 **Tested on:** 24/9/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	3750 Psi	22	8	2025	6x6x6	---	8.6	36	52	3236	---	Non Engraved
2	3750 Psi	22	8	2025	6x6x6	---	8	36	44	2738	---	Non Engraved
3	3750 Psi	22	8	2025	6x6x6	---	8	36	52	3236	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* AC1318-08 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

204  
 Dr. M. Mazhar

**To:** Engr. M. Rashid  
 Site Engineer, Husnain Kareemain, Residential & Commercial Builders, Lahore

**Project:** Lahore Grammar School 308-C Johar Town Lahore

**Our Ref. No.** CL/CED/ 9537

**Dated:** 24/9/2025

**Test Specification**

**Your Ref. No.** Nil

**Dated:** Nil

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 23/9/2025 **Tested on:** 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	5000 Psi	21	8	2025	6x6x6	---	8	36	40	2489	---	Non Engraved
2	5000 Psi	21	8	2025	6x6x6	---	8	36	36	2240	---	Non Engraved
3	5000 Psi	21	8	2025	6x6x6	---	8.6	36	30	1867	---	Non Engraved
4	5000 Psi	24	8	2025	6x6x6	---	8	36	40	2489	---	Non Engraved
5	5000 Psi	24	8	2025	6x6x6	---	8	36	36	2240	---	Non Engraved
6	5000 Psi	24	8	2025	6x6x6	---	8	36	42	2613	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

207  
Dr. M. Mazhar

To: **Projects Manager**  
Innovative® Construction Company, New Garden Town, Lahore

Project: Construction of DHA Plaza MB 180 Lahore

Our Ref. No. CL/CED/ 9538

Dated: 24/9/2025

Test Specification

Your Ref. No. DHA MB 180/11

Dated: 23/9/2025

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: **23/9/2025** Tested on: **24/9/2025** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	---	10	8	2025	6x6x6	---	8	36	48	2987	---	Non Engraved
2	---	10	8	2025	6x6x6	---	8.4	36	44	2738	---	Non Engraved
3	---	10	8	2025	6x6x6	---	8.4	36	38	2364	---	Non Engraved
4	---	10	8	2025	6x6x6	---	8.6	36	42	2613	---	Non Engraved
5	---	20	8	2025	6x6x6	---	8.8	36	96	5973	---	Non Engraved
6	---	20	8	2025	6x6x6	---	8.2	36	66	4107	---	Non Engraved
7	---	20	8	2025	6x6x6	---	8.4	36	86	5351	---	Non Engraved
8	---	28	8	2025	6x6x6	---	8.6	36	92	5724	---	Non Engraved
9	---	28	8	2025	6x6x6	---	8.4	36	96	5973	---	Non Engraved
10	---	28	8	2025	6x6x6	---	8.8	36	94	5849	---	Non Engraved
11	---	28	8	2025	6x6x6	---	8.6	36	94	5849	---	Non Engraved
12	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* AC1318-08 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

164  
 Dr. M. Mazhar

**To:** Mr. Asim Khan  
 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd  
 Project: Scheme#15 Rehabilitation/Improvement of Streets (P.C.C), Sewerage/Drainage Tayyab Town, Haji Pura, Ismail Town, Rani Pind, Gullar Pir, UC-152, Aziz Bhatti Zone MC Lahore (Phase-II)  
 Our Ref. No. CL/CED/ 9539      Dated: 24/9/2025  
 Your Ref. No. 4084/103/LDP/AZB(S-15)/04/04      Dated: 12/08/2025

Test Specification  
 ( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 17/9/2025 Tested on: 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	RB	---	---	---	8.7 x 4.3 x 3	3400	2975	37.41	40	2395	14.29	---
2	RB	---	---	---	8.8 x 4.3 x 2.9	3315	2920	37.84	38	2249	13.53	---
3	RB	---	---	---	8.8 x 4.3 x 3	3500	3130	37.84	44	2605	11.82	---
4	RB	---	---	---	8.7 x 4.2 x 3	3515	3140	36.54	39	2391	11.94	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- \*\*\*\* AC1318-08 requires mean of two sample (6"dia x 12" cylinder) strength at 28 days as compressive strength

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

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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.

146  
 Dr. M. Mazhar

**To:** Resident Engineer (ABT Zone)  
 EPHE Division, NESPAK (Pvt) Ltd.

**Project:** Provision / Improvement of Water Supply/Sewerage System at Haji Pura and Adjoining Abadies UC-152 in ABT Zone Lahore.

**Our Ref. No.** CL/CED/ 9540

**Dated:** 24/9/2025

**Test Specification**

**Your Ref. No.** 4891/WASA/ABT/RE/Lab#28

**Dated:** 29/8/2025

( BS 3921\*\* )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 12/09/2025 **Tested on:** 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	25	---	---	---	8.8 x 4.1 x 2.8	3440	3070	36.08	35	2173	12.05	---
2	25	---	---	---	8.9 x 4.2 x 2.8	3620	3280	37.38	37	2217	10.37	---
3	25	---	---	---	8.8 x 4.2 x 3	3670	3285	36.96	32	1939	11.72	---
4	25	---	---	---	8.9 x 4.2 x 3	3740	3185	37.38	36	2157	17.43	---
5	25	---	---	---	9 x 4.3 x 2.9	3610	3200	38.7	38	2199	12.81	---
6	25	---	---	---	8.9 x 4.2 x 3	3550	3240	37.38	38	2277	9.57	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* 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

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- 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**  
 A carbon copy for the report has been retained in the lab for record.

172  
 Dr. M. Mazhar

**To: Resident Engineer**  
 ESS-I-AAR Consultants, Multan

**Project: Resident Supervision of Re-Routing of 36", 24", 18" & 12" i/d RCC Sewer Lines at Dehli-Multan Road From Babar Chowk to Darama Wala Morr (Left Side), WASA, Multan**

**Our Ref. No. CL/CED/ 9541**

**Dated: 24/9/2025**

**Test Specification**

**Your Ref. No. 5519/WASA**

**Dated: 16/9/2025**

**( BS 3921\*\* )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 17/9/2025    Tested on: 24/9/2025    in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	H	---	---	---	8.9 x 4.3 x 3.1	3855	3415	38.27	48	2810	12.88	---
2	H	---	---	---	9 x 4.2 x 2.8	3765	3375	37.8	50	2963	11.56	---
3	H	---	---	---	8.8 x 4.2 x 2.9	3780	3360	36.96	40	2424	12.5	---
4	H	---	---	---	8.9 x 4.4 x 2.8	3595	3170	39.16	50	2860	13.41	---
5	H	---	---	---	8.9 x 4.2 x 3	3780	3370	37.38	46	2757	12.17	---
6	H	---	---	---	8.9 x 4.1 x 2.9	3770	3320	36.49	48	2947	13.55	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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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Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

**ORIGINAL**  
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194  
Dr. M. Mazhar

To: Mr. Syed Hamid Abbas  
For: Ravi Builders (Pvt) Ltd

Project: Orient Production Hall Extension at Orient Ceremica Factory Faisalabad.

Our Ref. No. CL/CED/ 9542

Dated: 24/9/2025

Test Specification

Your Ref. No. UET/RBPL/249/25

Dated: 22/9/2025

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 22/9/2025 Tested on: 24/9/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Trial # 1 (1:1.5:3)	31	7	2025	6x6x6	---	8.6	36	114	7093	---	Non Engraved
2	Trial # 2 (1:2:4)	31	7	2025	6x6x6	---	8.6	36	100	6222	---	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/>

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* AC1318-08 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 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.

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 Dr. M. Mazhar

**To: Sub Divisional Officer**  
 Buildings Sub Division, Chunian

**Project: Rehabilitation/Addition/ Alteration of Civic Enforcement Centers in Punjab One at Tehsil Chunian**  
 District Kasur

**Our Ref. No. CL/CED/ 9543**

**Dated: 24/9/2025**

**Test Specification**

**Your Ref. No. 07/Ch**

**Dated: 04/09/2025**

**( ---- )**

## COMPRESSION TEST REPORT



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

**Specimens received on: 17/9/2025    Tested on: 24/9/2025    in dry/wet condition**

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	S	---	---	---	8.9 x 4.3 x 3.1	---	3295	38.27	42	2458	---	---
2	S	---	---	---	8.8 x 4.3 x 3.1	---	3285	37.84	46	2723	---	---
3	S	---	---	---	8.9 x 4.3 x 2.9	---	3120	38.27	40	2341	---	---
4	P	---	---	---	8.8 x 4.3 x 3	---	3350	37.84	50	2960	---	---
5	P	---	---	---	8.9 x 4.3 x 3	---	3265	38.27	46	2692	---	---
6	P	---	---	---	8.8 x 4.3 x 3	---	3290	37.84	48	2841	---	---
7	F-16	---	---	---	9 x 4.4 x 3	---	3410	39.6	44	2489	---	---
8	F-16	---	---	---	9 x 4.4 x 3.1	---	3405	39.6	48	2715	---	---
9	F-16	---	---	---	9 x 4.4 x 3	---	3470	39.6	46	2602	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

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

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**