



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.

8788
Dr. M. Yousaf

To: Mr. Imtihan Shaukat
Civil Generalist, Department of Engineering, Ittehad Chemicals Limited.

Project: Nil

Our Ref. No. CL/CED/ 7222

Dated: 30/01/2025

Test Specification

Your Ref. No. Nil

Dated: 29/01/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 29/01/2025 Tested on: 30/01/2025 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	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4460	37.44	109	6521	---	---
2	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4515	37.44	123	7359	---	---
3	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4400	37.44	91	5444	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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



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ORIGINAL
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8787
 Dr. M. Mazhar

To: Mr. M. Yasir Kiani
 Resident Engineer (JCP WAHGA), Architecture & Planning Division, Lahore. NESPAK (Pvt) Ltd.

Project: Relocation and Enhancement of Wahga Border Flagpole.

Our Ref. No. CL/CED/ 7223

Dated: 30/01/2025

Test Specification

Your Ref. No. 4749/031/YK/01/119

Dated: 29/01/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29/01/2025 **Tested on:** 30/01/2025 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	1	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	(4000 Psi)	17	1	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
3	(4000 Psi)	17	1	2025	6Diax12	---	14.2	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Muhammad Zohaib CNIC # 32304-8774991-1

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



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ORIGINAL
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8795
 Dr. M. Yousaf

To: **JR PVT. LTD.**
 Cavalry Ground Ext. Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 7224

Dated: 30/01/2025

Test Specification

Your Ref. No. Nil

Dated: 30/01/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **30/01/2025** Tested on: **30/01/2025** 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3255	29.64	27	2040	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3445	29.64	38	2872	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3620	29.64	44	3325	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3310	29.64	58	4383	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8795
Dr. M. Yousaf

To: JR PVT. LTD.
Cavalry Ground Ext. Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 7225

Dated: 30/01/2025

Test Specification

Your Ref. No. Nil

Dated: 30/01/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 30/01/2025 Tested on: 30/01/2025 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	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3610	29.64	70	5290	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3645	29.64	69	5215	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3750	29.64	72	5441	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.0	---	3710	29.64	70	5290	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8755
 Dr. M. Yousaf

To: Sheikh Muhammad Nadeem
 Satellite Town, Rawalpindi.

Project: Nil

Our Ref. No. CL/CED/ 7226

Dated: 30/01/2025

Test Specification

Your Ref. No. Nil

Dated: 27/01/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 27/01/2025 **Tested on:** 30/01/2025 **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	Rectangular, Grey, 80mm	---	---	---	7.7x3.8x3.1	---	3740	29.26	85	6507	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7x3.8x3.1	---	3730	29.26	83	6354	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7x3.8x3.1	---	3630	29.26	64	4900	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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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.

8727
Dr. M. Yousaf

To: High Rise Builders
Architects & Engineers, Building Construction, Johar Town, Lahore.

Project: 327 G3 Johar Town, Lahore.

Our Ref. No. CL/CED/ 7227

Dated: 30/01/2025

Test Specification

Your Ref. No. Nil

Dated: 22/01/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 22/01/2025 Tested on: 30/01/2025 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)	14	1	2025	6Diax12	---	13	28.28	40	3168	---	Non Engraved
2	(4000 Psi)	14	1	2025	6Diax12	---	13.2	28.28	24	1901	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8753
 Dr. M. Yousaf

To: Mr. KAMRAN KHAN
 Procurement Manager, Q-Links Construction

Project: Jasmine Grand Mall, Bahria Town, Lahore. (Retaining Wall)

Our Ref. No. CL/CED/ 7228

Dated: 30/01/2025

Test Specification

Your Ref. No. QLC-BO-BH2-2025-02-LTR-16-2025

Dated: 23/01/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 24/01/2025 Tested on: 30/01/2025 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	1	2025	6Diax12	---	14	28.28	43	3406	---	Non Engraved
2	4000 Psi	13	1	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory