



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.

8104
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, NANKANA SAHIB

Project: Construction of DPO OFFICE NANKANA SAHIB

Our Ref. No. CL/CED/ 6430

Dated: 12-11-24

Test Specification

Your Ref. No. 1182/SDO/BSO/NNS

Dated: 17/10/2024

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 28/10/2024 Tested on: 12-11-24 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	---	---	---	7.8 x 3.8 x 3	---	3680	29.64	117	8842	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3775	29.64	125	9447	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3640	29.64	102	7709	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" 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.

8181
 Dr. Aqsa

To: Mr. Zia Mohy Uddin
 Civil Engineer, Naubahar Bottling Company (Pvt.) Ltd.

Project: Construction of Narowal New Warehouse.

Our Ref. No. CL/CED/ 6431

Dated: 12-11-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 06-11-24 Tested on: 12-11-24 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	---	---	---	7.8 x 3.8 x 3.1	---	3605	29.64	81	6121	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3570	29.64	76	5744	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3585	29.64	88	6650	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3655	29.64	125	9447	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3710	29.64	124	9371	---	---
6	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3610	29.64	81	6121	---	---
7	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3585	29.64	95	7179	---	---
8	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3620	29.64	99	7482	---	---
9	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3730	29.64	92	6953	---	---
10	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3645	29.64	78	5895	---	---
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3530	29.64	101	7633	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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ORIGINAL
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8188
 Dr. Aqsa

To: Mr. Aqeel Aslam
 Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore. (Floor Slab in Front of Lift of 4th Floor)

Our Ref. No. CL/CED/ 6432

Dated: 12-11-24

Test Specification

Your Ref. No. FMH/RAF/con/32

Dated: 05-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 06-11-24 Tested on: 12-11-24 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	(3000 Psi)	1	11	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
2	(3000 Psi)	1	11	2024	6Diax12	---	14.4	28.28	51	4040	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8161
 Dr. Aqsa

To: **Noor UI Huda**
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6433

Dated: 12-11-24

Test Specification

Your Ref. No. PCS/24/Engg-80-A

Dated: 04-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04-11-24** Tested on: **12-11-24** 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	Footing Part-02 (3000 Psi)	4	10	2024	6Diax12	---	14	28.28	41	3248	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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Director/Dy. Director Concrete Laboratory



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8161
 Dr. Aqsa

To: **Noor UI Huda**
 Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6434

Dated: 12-11-24

Test Specification

Your Ref. No. PCS/24/Engg-80-B

Dated: 04-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04-11-24** Tested on: **12-11-24** 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	Footing Part-02 (3000 Psi)	4	10	2024	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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8161
 Dr. Aqsa

To: **Noor UI Huda**
 Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6435

Dated: 12-11-24

Test Specification

Your Ref. No. PCS/24/Engg-80-D

Dated: 04-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04-11-24** Tested on: **12-11-24** 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	Plinth Beam (3000 Psi)	5	10	2024	6Diax12	---	13.4	28.28	27	2139	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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8161
 Dr. Aqsa

To: **Noor UI Huda**
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6436

Dated: 12-11-24

Test Specification

Your Ref. No. PCS/24/Engg-80-C

Dated: 04-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04-11-24** Tested on: **12-11-24** 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	Plinth Beam (3000 Psi)	5	10	2024	6Diax12	---	14	28.28	24	1901	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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

8161
 Dr. Aqsa

To: Noor UI Huda
 Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6437

Dated: 12-11-24

Test Specification

Your Ref. No. PCS/24/Engg-80-E

Dated: 04-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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	Ground Floor Column (4000 Psi)	5	10	2024	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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

- * 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.

8161
 Dr. Aqsa

To: **Noor UI Huda**
 Quantity Surveyor, Professional Construction Services (Pvt.) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6438

Dated: 12-11-24

Test Specification

Your Ref. No. PCS/24/Engg-80-F

Dated: 04-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **04-11-24** Tested on: **12-11-24** 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	Ground Floor Column (4000 Psi)	5	10	2024	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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.

8204
 Dr. Aqsa

To: Engr. Haseeb Afzal
 Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre Lahore. (8th Floor Slab Pour -1, N'~G'/1~4')

Our Ref. No. CL/CED/ 6439

Dated: 12-11-24

Test Specification

Your Ref. No. HMBDPL/S.O/11/24/139 (LHR)

Dated: 08-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-11-24 **Tested on:** 12-11-24 **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	CT-159 (3500 Psi)	10	10	2024	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
2	CT-159 (3500 Psi)	10	10	2024	6Diax12	---	14	28.28	42	3327	---	Non Engraved
3	CT-159 (3500 Psi)	10	10	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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.

8204
 Dr. Aqsa

To: Engr. Haseeb Afzal
 Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre Lahore. (8th Floor Shear Wall C~D, E'~F/1~2)

Our Ref. No. CL/CED/ 6440

Dated: 12-11-24

Test Specification

Your Ref. No. HMBDPL/S.O/11/24/138 (LHR)

Dated: 08-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08-11-24 Tested on: 12-11-24 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	CT-158 (5000 Psi)	9	10	2024	6Diax12	---	14.8	28.28	61	4832	---	Non Engraved
2	CT-158 (5000 Psi)	9	10	2024	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
3	CT-158 (5000 Psi)	9	10	2024	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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.

8168
 Dr. Aqsa

To: Mr. Rashid Karman
 Resident Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: Improvement of Infrastructure in Mohlanwal Housing Scheme Lahore (Package-3)

Our Ref. No. CL/CED/ 6441

Dated: 12-11-24

Test Specification

Your Ref. No. 4047/13/RK/05/MWL/P-3/274

Dated: 31-10-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05-11-24 Tested on: 12-11-24 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	Bowl of Overhead Water Tank	5	10	2024	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	Bowl of Overhead Water Tank	5	10	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
3	Bowl of Overhead Water Tank	5	10	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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.

8168
 Dr. Aqsa

To: Mr. Rashid Karman

Resident Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: Construction of Walkways and Traffic Regulatory Devices on 150 Feet Wide Main Roads (S1, S2 & S3) & 80, 100 & 120 Feet Wide Main Roads of LDA Avenue-I Scheme, Lahore.

Our Ref. No. CL/CED/ 6442

Dated: 12-11-24

Test Specification

Your Ref. No. 2599/13/05/RK/WKW/273

Dated: 31-10-24

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05-11-24 Tested on: 12-11-24 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, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2865	30.42	113	8321	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2830	30.42	114	8394	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2900	30.42	115	8468	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2875	30.42	118	8689	---	---
5	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2755	30.42	119	8763	---	---
6	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2815	30.42	113	8321	---	---
7	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3595	29.64	87	6575	---	---
8	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3700	29.64	92	6953	---	---
9	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3660	29.64	91	6877	---	---
10	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3750	29.64	74	5592	---	---
11	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3	---	3720	29.64	117	8842	---	---
12	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3	---	3750	29.64	117	8842	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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" 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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- 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.

8169
 Dr. Aqsa

To: Mr. Parvaiz
 Site Engineer, Five Star Construction Co.

Project: Construction of Drain Channel at CCI LHR Plant.

Our Ref. No. CL/CED/ 6443

Dated: 12-11-24

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: 05-11-24 Tested on: 12-11-24 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	3000 Psi	7	10	2024	6Diax12	---	13.6	28.28	46	3644	---	Non Engraved
2	3000 Psi	7	10	2024	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
3	3000 Psi	7	10	2024	6Diax12	---	14	28.28	44	3485	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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)
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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.

8197
 Dr. Aqsa

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

Project: Re-Construction of Old P&D Building, Lahore.

Our Ref. No. CL/CED/ 6444

Dated: 12-11-24

Test Specification

Your Ref. No. 4674/P&D/13/09/AZL/66

Dated: 07-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: 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	C-74 (4000 Psi)	10	10	2024	6Diax12	---	14.2	28.28	47	3723	---	Non Engraved
2	C-74 (4000 Psi)	10	10	2024	6Diax12	---	14.2	28.28	44	3485	---	Non Engraved
3	C-74 (4000 Psi)	10	10	2024	6Diax12	---	14	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * 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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- 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.

8186
 Dr. Aqsa

To: Engr. Muhammad Farooq Memon
 Resident Engineer, Metroplan-Asian JV (Site Office: NSIC, Sargodha)

Project: Establishment of Nawaz Sharif Institute of Cardiology, Sargodha. (Roof Slab Grid E-K-4, Line 4-9)

Our Ref. No. CL/CED/ 6445

Dated: 12-11-24

Test Specification

Your Ref. No. Metroplan-Asian (JV)/IDAP-NSIC-LAB-SGD-RE/91

Dated: 06-11-24

Dated: 06-11-24

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 06-11-24 **Tested on:** 12-11-24 **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	9	10	2024	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
2	4000 Psi	9	10	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
3	4000 Psi	9	10	2024	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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