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.

7685
Dr. Aqsa

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

Project: Construction of 5th Floor Columns A/1,2 C,E/1,2,4 G, F/4 & Pick up Columns A'/1,3,3' A/3' B'/4.

Our Ref. No. CL/CED/ 5705 **Dated: 27-08-24** **Test Specification**

Your Ref. No. HMBDPL/S.O/08/24/127 (LHR) **Dated: 26-08-24** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27-08-24 **Tested on:** 27-08-24 **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	CT-129 (6000 Psi)	26	7	2024	6Diax12	---	14	28.28	93	7366	---	Non-Engraved
2	CT-129 (6000 Psi)	26	7	2024	6Diax12	---	13.2	28.28	71	5624	---	Non-Engraved
3	CT-129 (6000 Psi)	26	7	2024	6Diax12	---	14.2	28.28	82	6495	---	Non-Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Aftab Sohail, CNIC # 33103-0209597-3 & Mr. Hassnain Haider, CNIC # 35202-5175625-5 Strong Ready Mix

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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7665
Dr. Aqsa

To: Mr. Ashar Afrooz
Site Engineer, Wasif Ali & Associates

Project: Construction of Fatima Memorial Hospital Tower. (Location: New Lift and Bridge Cylinder, Walls and Columns)

Our Ref. No. CL/CED/ 5706 **Dated:** 27-08-24 **Test Specification**

Your Ref. No. SR#0036 **Dated:** 22-08-24 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22-08-24 **Tested on:** 27-08-24 **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	9	8	2024	6Diax12	---	14	28.28	44	3485	---	Non-Engraved
2	3000 Psi	9	8	2024	6Diax12	---	13.4	28.28	42	3327	---	Non-Engraved
3	3000 Psi	9	8	2024	6Diax12	---	14	28.28	40	3168	---	Non-Engraved
4	3500 Psi	14	8	2024	6Diax12	---	13.6	28.28	39	3089	---	Non-Engraved
5	3500 Psi	14	8	2024	6Diax12	---	13.6	28.28	43	3406	---	Non-Engraved
6	3500 Psi	14	8	2024	6Diax12	---	14	28.28	43	3406	---	Non-Engraved
7	4000 Psi	14	8	2024	6Diax12	---	14	28.28	48	3802	---	Non-Engraved
8	4000 Psi	14	8	2024	6Diax12	---	13.4	28.28	39	3089	---	Non-Engraved
9	4000 Psi	14	8	2024	6Diax12	---	14	28.28	40	3168	---	Non-Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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Civil Engineering Department
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ORIGINAL
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7668
Dr. Aqsa

To: Engr. M. Murtza
Project Manager, AHW Structure (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 5707 **Dated:** 27-08-24

Your Ref. No. 01 **Dated:** 21-08-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-08-24 **Tested on:** 27-08-24 **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	5000 Psi	14	8	2024	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
2	5000 Psi	14	8	2024	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
3	5000 Psi	14	8	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

7671
Dr. Umbreen

To: **Admin Manager**
RF Construction, MA Johar Town, Lahore.

Project: 24 Q, Johar Town, Lahore

Our Ref. No. CL/CED/ 5708 **Dated: 27-08-24**

Your Ref. No. 289/08/2024/By Hand **Dated: 23-08-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-08-24 **Tested on:** 27-08-24 **in dry/wet condition**

ONLINE REPORT

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	18	8	2024	6Diax12	---	13.4	28.28	46	3644	---	Engraved
2	4500 Psi	18	8	2024	6Diax12	---	13.6	28.28	52	4119	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: CNIC # 35201-3508-795-1

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

7629
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Mankera

Project: Construction of 06 Nos Class Rooms size 28'X18' with verandah at GGCMES Haider Abad Tehsil, Mankera.

Our Ref. No. CL/CED/ 5709 **Dated:** 27-08-24 **Test Specification**

Your Ref. No. 262 **Dated:** 06-08-24 **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 19-08-24 **Tested on:** 27-08-24 **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	5 (Machine Made)	---	---	---	8.4 x 4.2 x 2.6	---	2410	35.28	41	2603	---	---
2	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.6	---	2360	34.85	39	2507	---	---
3	5 (Machine Made)	---	---	---	8.4 x 4.1 x 2.6	---	2350	34.44	38	2472	---	---
4	5 (Machine Made)	---	---	---	8.5 x 4.2 x 2.5	---	2320	35.7	29	1820	---	---
5	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.6	---	2390	34.85	35	2250	---	---
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 comprerssive 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
A carbon copy for the report has been retained in the lab for record.

7629
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Bhakkar

Project: Govt. Girls High School, Bhakkar Near Railway Crossing Tehsil & District Bhakkar. (Construction of 97 New Classrooms at 19 Middle & High Schools of District Bhakkar for the year 2023-24)

Our Ref. No. CL/CED/ 5710 Dated: 27-08-24 Test Specification

Your Ref. No. 672/BK Dated: 12-07-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 19-08-24 Tested on: 27-08-24 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	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.6	---	2390	34.85	33	2121	---	---
2	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.6	---	2330	34.85	35	2250	---	---
3	5 (Machine Made)	---	---	---	8.3 x 4.1 x 2.7	---	2410	34.03	34	2238	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive 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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7629
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Darya Khan

Project: Govt. Girls High School, Panjgrain, Darya Khan District Bhakkar. Construction of 97 New Classrooms at 19 Middle & High Schools of District Bhakkar for the year 2023-24)

Our Ref. No. CL/CED/ 5711 Dated: 27-08-24 Test Specification

Your Ref. No. 45/DK Dated: 10-08-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 19-08-24 **Tested on:** 27-08-24 **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	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.6	---	2340	34.85	35	2250	---	---
2	5 (Machine Made)	---	---	---	8.5 x 4.2 x 2.5	---	2330	35.7	38	2384	---	---
3	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.8	---	2325	34.85	31	1993	---	---
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 comprerssive 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.

7629
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Darya Khan

Project: Govt. Girls High School Kohawar Kalan Tehsil Darya Khan District Bhakkar. (Construction of 97 New Classrooms at 19 Middle & High Schools of District Bhakkar for the year 2023-24)

Our Ref. No. CL/CED/ 5712 Dated: 27-08-24 Test Specification

Your Ref. No. 39/DK Dated: 10-08-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 19-08-24 Tested on: 27-08-24 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	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.6	---	2350	34.85	27	1735	---	---
2	5 (Machine Made)	---	---	---	8.5 x 4 x 2.6	---	2315	34	38	2504	---	---
3	5 (Machine Made)	---	---	---	8.5 x 4.1 x 2.6	---	2275	34.85	30	1928	---	---
4	5 (Machine Made)	---	---	---	8.5 x 4 x 2.5	---	2310	34	36	2372	---	---
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 comprerssive 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.

7629
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Darya Khan

Project: Govt. Girls Elementary School Hassan Shah Tehsil Darya Khan District Bhakkar. (Construction of 97 New Classrooms at 19 Middle & High Schools of District Bhakkar for the year 2023-24)

Our Ref. No. CL/CED/ 5713 Dated: 27-08-24 Test Specification

Your Ref. No. 35/DK Dated: 10-08-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 19-08-24 **Tested on:** 27-08-24 **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	5 (Machine Made)	---	---	---	8.5 x 4.2 x 2.6	---	2335	35.7	40	2510	---	---
2	5 (Machine Made)	---	---	---	8.3 x 4 x 2.6	---	2380	33.2	38	2564	---	---
3	5 (Machine Made)	---	---	---	8.4 x 4 x 2.5	---	2350	33.6	37	2467	---	---
4	5 (Machine Made)	---	---	---	8.2 x 4.1 x 2.6	---	2350	33.62	33	2199	---	---
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 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.

7629
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division, Darya Khan

Project: Govt. High School Hassan Shah Tehsil Darya Khan District Bhakkar. (Construction of 97 New Classrooms at 19 Middle & High Schools of District Bhakkar for the year 2023-24)

Our Ref. No. CL/CED/ 5714 Dated: 27-08-24 Test Specification

Your Ref. No. 43/DK Dated: 10-08-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 19-08-24 **Tested on:** 27-08-24 **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	5 (Machine Made)	---	---	---	8.5 x 4.2 x 2.5	---	2285	35.7	32	2008	---	---
2	5 (Machine Made)	---	---	---	8.3 x 4 x 2.4	---	2295	33.2	43	2901	---	---
3	5 (Machine Made)	---	---	---	8.3 x 4.2 x 2.5	---	2285	34.86	38	2442	---	---
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 comprerssive 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.

7649
Dr. Aqsa

To: Engr. M. Imran
Resident Engineer, Master Consulting Engineers (Pvt.) Ltd.

Project: Construction of 07-Storey Residential Block Having Minimum 100 Rooms with attached Bathroom Facilities at Gurdwara Janamasthan Nankana Sahib.

Our Ref. No. CL/CED/ 5715 Dated: 27-08-24

Your Ref. No. NKB/RE/MCE/09 Dated: 20-08-24

Test Specification (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 21-08-24 Tested on: 27-08-24 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	S.1	---	---	---	8.8 x 4.1 x 3	3425	3090	36.08	36	2235	10.84	---
2	S.1	---	---	---	8.8 x 4.1 x 3	3510	3100	36.08	27	1676	13.23	---
3	S.1	---	---	---	8.8 x 4.1 x 3	3250	2940	36.08	37	2297	10.54	---
4	S.1	---	---	---	8.9 x 4.2 x 3	3170	2825	37.38	34	2037	12.21	---
5	S.1	---	---	---	8.8 x 4.2 x 3	3775	2945	36.96	19	1152	28.18	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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.

7688
Dr. Umbreen

To: **Mr. Muhammad Arfan Asif**
Engineer's Representative, NESPAK (Pvt.) Ltd. JV Turk-Pak International Pvt. Ltd.

Project: Construction of Green Building for EMC, EPD and Allied New Entities Established Under PGDP (DLI-2, PGDP) Lahore.

Our Ref. No. CL/CED/ 5716 **Dated: 27-08-24** **Test Specification**

Your Ref. No. 4731/MAA/04/84 **Dated: 27-08-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 27-08-24 **Tested on:** 27-08-24 **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	Hollow Block	---	---	---	15.9 x 7.9 x 8	---	22.6	76.36	55	1613	---	---
2	Hollow Block	---	---	---	15.9 x 7.9 x 8	---	23.6	76.36	64	1877	---	---
3	Hollow Block	---	---	---	15.9 x 7.9 x 8	---	22	76.36	38	1115	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Irfan

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.

7688
Dr. Umbreen

To: **Mr. Muhammad Arfan Asif**
Engineer's Representative, NESPAK (Pvt.) Ltd. JV Turk-Pak International Pvt. Ltd.

Project: Construction of Green Building for EMC, EPD and Allied New Entities Established Under PGDP (DLI-2, PGDP) Lahore.

Our Ref. No. CL/CED/ 5717 **Dated: 27-08-24** **Test Specification**

Your Ref. No. 4731/MAA/04/83 **Dated: 27-08-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 27-08-24 **Tested on:** 27-08-24 **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	Solid Block	---	---	---	11.9 x 5.9 x 8	---	21	70.21	49	1563	---	---
2	Solid Block	---	---	---	11.9 x 5.9 x 8	---	21	70.21	60	1914	---	---
3	Solid Block	---	---	---	12 x 5.9 x 8	---	20	70.8	38	1202	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Irfan

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.

7687
Dr. Umbreen

To: Mr. Muhammad Arfan Asif
Engineer's Representative, NESPAK (Pvt.) Ltd. JV Turk-Pak International Pvt. Ltd.

Project: Construction of Green Building for EMC, EPD and Allied New Entities Established Under PGDP (DLI-2, PGDP) Lahore.

Our Ref. No. CL/CED/ 5718 Dated: 27-08-24 Test Specification

Your Ref. No. 4731/MAA/04/85 Dated: 27-08-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 27-08-24 Tested on: 27-08-24 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	M, (Solid Block)	---	---	---	11.9 x 6 x 8	---	22	71.4	56	1757	---	---
2	M, (Solid Block)	---	---	---	12 x 6 x 8	---	22	72	46	1431	---	---
3	M, (Solid Block)	---	---	---	12 x 6 x 8	---	22	72	54	1680	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Irfan

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

7657
Dr. Aqsa

To: Mr. Muhammad Imran Khan
Material Engineer, Engineering Consultancy Services Pvt. Ltd.

Project: Construction of MPA's Hostel, Lahore, Phase-II. (Group No.1)

Our Ref. No. CL/CED/ 5719 Dated: 27-08-24

Your Ref. No. 340/ECSP/MPA/93 Dated: 21-08-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 22/8/2024 Tested on: 27-08-24 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	Upper Basement Column	24	7	2024	6x6x6	---	9.2	36	100	6222	---	Engraved
2	Upper Basement Column	24	7	2024	6x6x6	---	9.2	36	107	6658	---	Engraved
3	Upper Basement Column	24	7	2024	6x6x6	---	9.2	36	73	4542	---	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.

7672
Dr. Aqsa

To: Sub Divisional Officer
Wanwala Sub Division, Thingi

Project: Concrete Lining of Maqsooda Minor From RD0+000-17+000 Tail.

Our Ref. No. CL/CED/ 5720 **Dated:** 27-08-24

Your Ref. No. 261 **Dated:** 22-08-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 23/8/2024 **Tested on:** 27-08-24 **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	RD. 2+700 - 3+700 (1:2:4)	25	7	2024	6x6x6	---	7.8	36	58	3609	---	Non Engraved
2	RD. 2+700 - 3+700 (1:2:4)	25	7	2024	6x6x6	---	7.8	36	34	2116	---	Non Engraved
3	RD. 2+700 - 3+700 (1:2:4)	25	7	2024	6x6x6	---	8.2	36	31	1929	---	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-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**