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.

8077
Dr. Waseem Abbas

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

Project: Burj-1 by AJWA Builders (Main Building 5th Floor Zone-01, Lift Wall-05, Girds:- H'~H/4)

Our Ref. No. CL/CED/ 6238 **Dated: 24-10-24**

Your Ref. No. DOC-BMC/AJWA/174 **Dated: 21-10-24**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-10-24 **Tested on:** 23-10-24 **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	6000 Psi	17	9	2024	6Diax12	---	13.4	28.28	87	6891	---	Non Engraved
2	6000 Psi	17	9	2024	6Diax12	---	13.2	28.28	93	7366	---	Non Engraved
3	6000 Psi	17	9	2024	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
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Witnessed by: Mr. Abdul Baseet, CNIC # 33202-9108206-3

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.

8039
Dr. Qasim Khan

To: Project Manager
TOWER 21 GULBERG II LHR

Project: Construction of Tower 21 Gulberg II Lahore (First Floor Column)

Our Ref. No. CL/CED/ 6239 Dated: 24/10/2024

Your Ref. No. LHR/R/785 Dated: 19/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2024 **Tested on:** 24/10/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	21	9	2024	6Diax12	---	12.6	28.28	84	6653	---	Non Engraved
2	4000 Psi	21	9	2024	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
3	4000 Psi	21	9	2024	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

8042
Dr. Qasim Khan

To: Mr. Rameez
Resident Engineer, GIM DEVELOPERS, New Garden Town, Lahore

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

Our Ref. No. CL/CED/ 6240 **Dated:** 24/10/2024 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2024 **Tested on:** 24/10/2024 **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	Ground Floor Columns	22	9	2024	6Diax12	---	14	28.28	39	3089	---	Non Engraved
2	Ground Floor Columns	22	9	2024	6Diax12	---	14	28.28	41	3248	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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

8057
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore.

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore

Our Ref. No. CL/CED/ 6241 Dated: 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1297 Dated: 11-10-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 Tested on: 24/10/2024 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	Lean Concrete	11	9	2024	6Diax12	---	13	28.28	36	2851	---	Non Engraved
2	Lean Concrete	11	9	2024	6Diax12	---	14	28.28	63	4990	---	Non Engraved
3	Lean Concrete	11	9	2024	6Diax12	---	14	28.28	23	1822	---	Non Engraved
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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8056
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore.

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore.

Our Ref. No. CL/CED/ 6242 **Dated:** 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1304 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	20	9	2024	6Diax12	---	13	28.28	59	4673	---	Non Engraved
2	4000 Psi	20	9	2024	6Diax12	---	13	28.28	41	3248	---	Non Engraved
3	4000 Psi	20	9	2024	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

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ORIGINAL
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8056
Dr. Qasim Khan

To: **Mr. Mirza Muhammad Abdullah**
Senior Resident Engineer, HA Consulting, Johar Town Lahore.

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore.

Our Ref. No. CL/CED/ 6243 **Dated: 24/10/2024**

Your Ref. No. No. 24/HAC/NASTP/1305 **Dated: 21/10/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **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	20	9	2024	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
2	3000 Psi	20	9	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
3	3000 Psi	20	9	2024	6Diax12	---	14	28.28	41	3248	---	Non Engraved
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Witnessed by:

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

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

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

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

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ORIGINAL
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8056
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore

Our Ref. No. CL/CED/ 6244 **Dated:** 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1306 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **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	Lean Concrete	20	9	2024	6Diax12	---	13	28.28	61	4832	---	Non Engraved
2	Lean Concrete	20	9	2024	6Diax12	---	13.6	28.28	33	2614	---	Non Engraved
3	Lean Concrete	20	9	2024	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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8056
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore

Our Ref. No. CL/CED/ 6245 **Dated:** 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1308 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	22	9	2024	6Diax12	---	13	28.28	43	3406	---	Non Engraved
2	4000 Psi	22	9	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
3	4000 Psi	22	9	2024	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
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Witnessed by:

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

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

8056
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore

Our Ref. No. CL/CED/ 6246 **Dated:** 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1307 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **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	22	9	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
2	3000 Psi	22	9	2024	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
3	3000 Psi	22	9	2024	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

8056
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore

Our Ref. No. CL/CED/ 6247 **Dated:** 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1309 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	24	9	2024	6Diax12	---	13	28.28	62	4911	---	Non Engraved
2	4000 Psi	24	9	2024	6Diax12	---	13	28.28	54	4277	---	Non Engraved
3	4000 Psi	24	9	2024	6Diax12	---	13	28.28	49	3881	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8056
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore

Our Ref. No. CL/CED/ 6248 **Dated:** 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1310 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **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	24	9	2024	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	3000 Psi	24	9	2024	6Diax12	---	13	28.28	28	2218	---	Non Engraved
3	3000 Psi	24	9	2024	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8056
Dr. Qasim Khan

To: Mr. Mirza Muhammad Abdullah
Senior Resident Engineer, HA Consulting, Johar Town Lahore

Project: Construction of DELTA #10 NASTP Phase-03 at PAF AIR BASE, Lahore

Our Ref. No. CL/CED/ 6249 **Dated:** 24/10/2024

Your Ref. No. No. 24/HAC/NASTP/1311 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **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	Lean Concrete	24	9	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	Lean Concrete	24	9	2024	6Diax12	---	14	28.28	48	3802	---	Non Engraved
3	Lean Concrete	24	9	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-reports1/

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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ORIGINAL
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8044
Dr. Qasim Khan

To: AHMAD ASSOCIATES
New Garden Town, Lahore.

Project: Concrete Footing

Our Ref. No. CL/CED/ 6250 **Dated:** 24/10/2024

Your Ref. No. IAA-131273 **Dated:** 21/10/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2024 **Tested on:** 24/10/2024 **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	22	9	2024	6Diax12	---	14	28.28	36	2851	---	Engraved
2	3000 Psi	22	9	2024	6Diax12	---	14	28.28	32	2535	---	Engraved
3	3000 Psi	22	9	2024	6Diax12	---	13.2	28.28	43	3406	---	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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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8053
Dr. Qasim Khan

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

Project: Burj-1 by AJWA Builders (Main Building 5th Floor Zone-02, Lift Wall-02 Grid:- F/4, Lift Wall-01 Grids:- H'~H/6)

Our Ref. No. CL/CED/ 6251 Dated: 24/10/2024 **Test Specification**

Your Ref. No. DOC-BMC/AJWA/175 Dated: 21/10/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/10/2024 **Tested on:** 24/10/2024 **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	6000 Psi	19	9	2024	6Diax12	---	13	28.28	83	6574	---	Non Engraved
2	6000 Psi	19	9	2024	6Diax12	---	13.4	28.28	62	4911	---	Non Engraved
3	6000 Psi	19	9	2024	6Diax12	---	14.4	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

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

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

8023
Dr. Qasim Khan

To: Executive Engineer
Public Health Engg: Division Bhakkar

Project: INSTALLATION OF AFRIDEV HAND PUMPS FOR SMALL SCATTERED COMMUNITIES IN TEHSIL DARYA KHAN DISTRICT BHAKKAR

Our Ref. No. CL/CED/ 6252 Dated: 24/10/2024 Test Specification

Your Ref. No. 496/BK Dated: 14/10/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 16/10/2024 Tested on: 24/10/2024 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	Machine Made (OK)	---	---	---	8.6 x 4.2 x 2.7	---	2515	36.12	34	2109	---	---
2	Machine Made (OK)	---	---	---	8.5 x 4.2 x 2.8	---	2530	35.7	36	2259	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

8028
Dr. Qasim Khan

To: Sub Divisional Officer
Buildings Sub Division No. 3, Lahore

Project: ADDITIONAL ALTERATION & IMPROVEMENT WORKS AT P&D A-B-C BLOCK IN P&D COLONY JOHAR TOWN LAHORE (EXTERNAL DEVELOPMENT)

Our Ref. No. CL/CED/ 6253 **Dated:** 24/10/2024 **Test Specification**

Your Ref. No. 1081/III **Dated:** 11-07-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2024 **Tested on:** 24/10/2024 **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	Rectangular, Grey, 50 mm	---	---	---	7.7 x 3.8 x 2	---	2175	29.26	93	7120	---	---
2	Rectangular, Grey, 50 mm	---	---	---	7.7 x 3.8 x 2	---	2260	29.26	95	7273	---	---
3	Rectangular, Grey, 50 mm	---	---	---	7.7 x 3.8 x 2	---	2240	29.26	105	8038	---	---
4	Rectangular, Grey, 50 mm	---	---	---	7.7 x 3.8 x 2	---	2300	29.26	92	7043	---	---
5	Rectangular, Grey, 50 mm	---	---	---	7.7 x 3.8 x 2	---	2300	29.26	99	7579	---	---
6	Rectangular, Grey, 50 mm	---	---	---	7.7 x 3.8 x 2	---	2240	29.26	118	9033	---	---
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 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**