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.

9347
Dr. Aqsa

To: Mr. Hammad Javed
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (Plinth Beam RCC, Grid A~C/1 & Toilet Block, RCC Column Grid A/4~7, Grid B/4,6, Grid C/3, Grid D/1~5)

Our Ref. No. CL/CED/ 8158 Dated: 29/04/2025 **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/JRW/0029 Dated: 18/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/4/2025 Tested on: 29/04/2025 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	(1:1.5:3)	20	3	2025	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
2	(1:1.5:3)	20	3	2025	6Diax12	---	13	28.28	45	3564	---	Non Engraved
3	(1:1.5:3)	20	3	2025	6Diax12	---	13	28.28	51	4040	---	Non Engraved
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 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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9347
Dr. Aqsa

To: Mr. Hammad Javed
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (RCC Footing, Grid A/1~3, Grid B/1,2,3,5 & Grid C/1,2,4,5)

Our Ref. No. CL/CED/ 8159 **Dated:** 29/04/2025 **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/JRW/0024 **Dated:** 07/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/4/2025 **Tested on:** 29/04/2025 **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	(1:1.5:3)	9	3	2025	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	(1:1.5:3)	9	3	2025	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
3	(1:1.5:3)	9	3	2025	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
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 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.

9347
Dr. Aqsa

To: Mr. Hammad Javed
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (RCC Footing, Grid B/2,3,5, Grid C/2,4,5)

Our Ref. No. CL/CED/ 8160 **Dated:** 29/04/2025 **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/JRW/0023 **Dated:** 05/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/4/2025 **Tested on:** 29/04/2025 **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	(1:1.5:3)	7	3	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	(1:1.5:3)	7	3	2025	6Diax12	---	13.8	28.28	50	3960	---	Non Engraved
3	(1:1.5:3)	7	3	2025	6Diax12	---	13.4	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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9347
Dr. Aqsa

To: Mr. Hammad Javed, RE Jaranwala
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (RCC Footing, Grid A/4, Grid B/6, Grid B/6, Grid D/1~5)

Our Ref. No. CL/CED/ 8161 **Dated: 29/04/2025** **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/JRW/0026 **Dated: 11/04/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/4/2025 **Tested on:** 29/04/2025 **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	(1:1.5:3)	13	3	2025	6Diax12	---	13.8	28.28	70	5545	---	Non Engraved
2	(1:1.5:3)	13	3	2025	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
3	(1:1.5:3)	13	3	2025	6Diax12	---	13.6	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
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9347
Dr. Aqsa

To: Mr. Hammad Javed
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (RCC Footing, Grid A/5~7, Grid B/4)

Our Ref. No. CL/CED/ 8162 **Dated:** 29/04/2025

Your Ref. No. 25/HAC-MAS/RE/JRW/0028 **Dated:** 15/04/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/4/2025 **Tested on:** 29/04/2025 **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	(1:1.5:3)	17	3	2025	6Diax12	---	13.6	28.28	71	5624	---	Non Engraved
2	(1:1.5:3)	17	3	2025	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
3	(1:1.5:3)	17	3	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
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 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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9347
Dr. Aqsa

To: Mr. Hammad Javed
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (Tensile Shed Area, Park Side)

Our Ref. No. CL/CED/ 8163 **Dated:** 29/04/2025 **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/JRW/0025 **Dated:** 11/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/4/2025 **Tested on:** 29/04/2025 **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	(1:2:4)	13	3	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	(1:2:4)	13	3	2025	6Diax12	---	13	28.28	67	5307	---	Non Engraved
3	(1:2:4)	13	3	2025	6Diax12	---	14	28.28	55	4356	---	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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9347
Dr. Aqsa

To: Mr. Hammad Javed
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (RCC Footing, Grid A/1~3, Grid B/1, Grid C/1)

Our Ref. No. CL/CED/ 8164 **Dated: 29/04/2025** **Test Specification**

Your Ref. No. 25/HAC-MAS/RE/JRW/0022 **Dated: 04/04/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/4/2025 **Tested on:** 29/04/2025 **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	(1:1.5:3)	6	3	2025	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
2	(1:1.5:3)	6	3	2025	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
3	(1:1.5:3)	6	3	2025	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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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 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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A carbon copy for the report has been retained in the lab for record.

9333
Dr. Aqsa

To: Engr. Hassan Mehmood
Resident Engineer, G3 Engineering Consultants Pvt. Ltd.

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/CED/ 8165 Dated: 29/04/2025 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/Prof/28 Dated: 22/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/4/2025 Tested on: 29/04/2025 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	Retaining Wall Cap (4000 Psi)	22	3	2025	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
2	Retaining Wall Cap (4000 Psi)	22	3	2025	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
3	Retaining Wall Cap (4000 Psi)	22	3	2025	6Diax12	---	14	28.28	65	5149	---	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 compresssive 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.

9333
Dr. Aqsa

To: Engr. Hassan Mehmood
Resident Engineer, G3 Engineering Consultants Pvt. Ltd.

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/CED/ 8166 Dated: 29/04/2025 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/Prof/29 Dated: 22/04/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/4/2025 Tested on: 29/04/2025 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	Mumty Slab (4000 Psi)	25	3	2025	6Diax12	---	13.4	28.28	90	7129	---	Non Engraved
2	Mumty Slab (4000 Psi)	25	3	2025	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
3	Mumty Slab (4000 Psi)	25	3	2025	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**