		Uni	in and Reinforced Co Civil Engineering De versity of Engineering and Technolo e: 042-99029245 & 042-99029202	partment	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
То:		nmad Jav	ed er Jaranwala, HA Consulting Jv Mascon	Associates		9347 Dr. Aqsa
	Column	Grid A/4	ction of Model Bazar at Jaranwala. (Plin ~7, Grid B/4,6, Grid C/3, Grid D/1~5) CED/ 8158	th Beam RCC, Grid A~C/1 Dated:	8 Toilet Block, RCC 29/04/2025	Test Specification
	Your Re	f. No.	25/HAC-MAS/RE/JRW/0029	Dated:	18/04/2025	(ASTM C39)

Your Ref. No. 25/HAC-MAS/RE/JRW/0029

COMPRESSION TEST REPORT

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

Specimens received on: 2			5/4/2	025	Tested on:	29/04	I/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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
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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

 $\underline{\textbf{Note:}}$ 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.



Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 9347 Dr. Aqsa

To: Mr. Hammad Javed

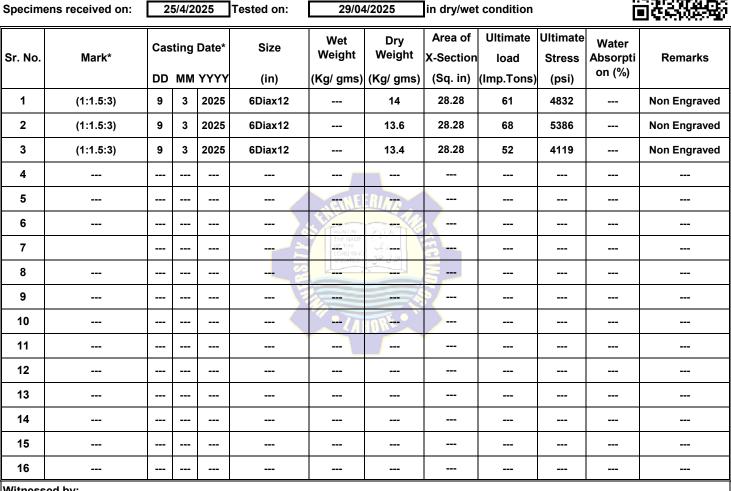
Resident Engineer Jaranwala, HA Consulting Jv Mascon Associates

Project: Construction of Model Bazar at Jaranwala. (RCC Footing, Grid 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



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 comprensive 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.



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. (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

Specim	ens received on:	2	5/4/2	025	Tested on:	29/04	I/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

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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 comprensive 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.



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, 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

Specimo	Specimens received on:			025	Tested on:	29/04	4/2025	in dry/wet	t condition			iester
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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
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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 comprensive 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.



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. (RCC Footing, Grid A/5~7, Grid B/4)

Our Ref. No. CL/	CED/ 8162	Dated:	29/04/2025	Test Specification
Your Ref. No.	25/HAC-MAS/RE/JRW/0028	Dated:	15/04/2025	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	5/4/2	025	Tested on:	29/04	4/2025	in dry/we	in dry/wet condition				
Sr. No.	Mark*	Cas DD	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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	
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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 comprensive 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.



To:

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

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	29/04/2025 in dry/w		dry/wet condition			je sterij	
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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
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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.



ORIGINAL

9347 Dr. Aqsa

Test Specification (ASTM C39)

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
Your Ref. No.	25/HAC-MAS/RE/JRW/0022	Dated:	04/04/2025

COMPRESSION TEST REPORT

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

Specime	ens received on:	2	5/4/2	025	Tested on:	29/04	4/2025	in dry/wet	condition		F. [
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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
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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 comprensive 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.



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/0	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:		2	4/4/2	025	Tested on:	29/04	l/2025	in dry/we	condition			iester:
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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
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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.



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/0	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:		2	4/4/2	025	Tested on:	29/04	4/2025	in dry/we	t condition			iesteri
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	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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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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