

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.

8284 Dr. M. Yousaf

To: Procurement Manager

Ravi Construction Company, New Garden Town, Lahore

Project: Construction of Coal Feeding Hall at Orient Ceramica Factory Faisalabad.

Our Ref. No. CL/CED/ 6575	Dated:	28-11-24	Test Specification
Your Ref. No. UET/RCC/275/24	Dated:	13/11/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	2	1-11	-24	Tested on:	28-1	11-24	in dry/wet	condition		Ü	jesues
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RCC Footing (1:2:4)	18	10	2024	6x6x6		9	36	70	4356		Engraved
2	RCC Footing (1:2:4)	18	10	2024	6x6x6		8.8	36	66	4107		Engraved
3	RCC Footing (1:2:4)	19	10	2024	6x6x6		9.8	36	76	4729		Engraved
4	RCC Footing (1:2:4)	19	10	2024	6x6x6		9	36	72	4480		Engraved
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Witness	sed by:											

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.



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.

8309 Dr. M. Yousaf

To: Engr. Asad Rashid Choudhary, P.E Speed Construction Management (SCM), Johar Town, Lahore

Project: Construction of Residential Building 245-P DHA Phase 7 Lahore

Our Ref. No. CL/CED/ 6576	Dated: 28/11/2024	Test Specification
Your Ref. No. SM-245-20-11-24-3	Dated: 27/11/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	28	8/11/2	2024	Tested on:	28/11	/2024	in dry/wet	condition		[jester
Sr. No.	Mark*	Cas DD	-	Date* 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 Absorpti on (%)	Remarks
1		13	11	2024	6Diax12		14	28.28	24	1901		Engraved
2		13	11	2024	6Diax12		14.2	28.28	18	1426		Engraved
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Witness	ed by:											

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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

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Supervisor (Lab)



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.

8319 Dr. Qasim Khan

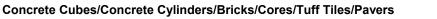
To: Engr. Haseeb Afzal

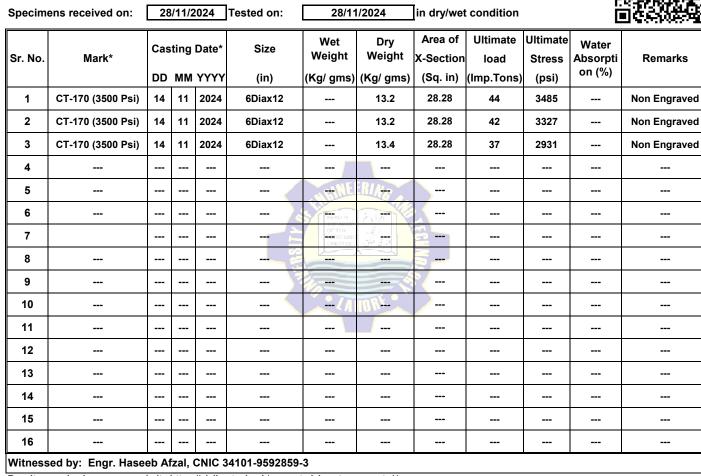
Project Manager, HMB Developers Pvt. Ltd., Shadman, Lahore

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (9th Floor Slab Pour 2 A'~G'/1~4')

Our l	Ref. No. CL/CE	D/ 6577	Dated:	28/11/2024	Test Specification
Your	Ref. No.	IMBDPL/S.O/11/24/147(LHR)	Dated:	2811/2024	(ASTM C39)

COMPRESSION TEST REPORT





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

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8319 Dr. Qasim Khan

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd., Shadman, Lahore

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (9th Floor Shear Wall C~D/1~2)

Our	Ref. No. CL/CED/	6578	Dated:	28/11/2024	Test Specification
You	r Ref. No. HI	MBDPL/S.O/11/24/146 (LHR)	Dated:	28/11/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	28	8/11/2	2024	Tested on:	28/11	/2024	in dry/we	t condition		Ü	je star
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	CT-165 (5000 Psi)	31	10	2024	6Diax12		14	28.28	63	4990		Non Engraved
2	CT-165 (5000 Psi)	31	10	2024	6Diax12		13.6	28.28	50	3960		Non Engraved
3	CT-165 (5000 Psi)	31	10	2024	6Diax12		13.6	28.28	53	4198		Non Engraved
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Witnessed by: Engr. Haseeb Afzal, CNIC 34101-9592859-3												

Witnessed by: Engr. Haseeb Atzal, CNIC 34101-9592859-3 Results can also be seen on website <u>https://civil.uet.edu.pk/concrete-laboratory-reports1/</u>

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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 comprensive strength

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8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore.

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/	CED/ 6579	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1335	Dated:	02-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/11/2	2024	Tested on:	28/11	/2024	in dry/we	t condition		Ē	je ster
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	6	10	2024	6Diax12		13.4	28.28	55	4356		Non Engraved
2	(3000 Psi)	6	10	2024	6Diax12		14.4	28.28	60	4752		Non Engraved
3	(3000 Psi)	6	10	2024	6Diax12		14.4	28.28	69	5465		Non Engraved
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Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#08 NASTP PHASE-03, Lahore

Our Ref. No. CL/C	ED/ 6580	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1336	Dated:	03-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/11/2	2024	Tested on:	28/11	/2024	in dry/we	t condition		Ö	je steri
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	7	10	2024	6Diax12		14	28.28	62	4911		Non Engraved
2	(3000 Psi)	7	10	2024	6Diax12		14.6	28.28	71	5624		Non Engraved
3	(3000 Psi)	7	10	2024	6Diax12		14	28.28	58	4594		Non Engraved
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Witnessed by:

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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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8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#09 & 11 NASTP PHASE-03, Lahore

Our Ref. No. CL/	CED/ 6581	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1325	Dated:	04-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		25	25/11/2024 Tested on:			28/11	28/11/2024 i		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks	
1	Lean Concrete	8	10	2024	6Diax12		13.4	28.28	48	3802		Non Engraved	
2	Lean Concrete	8	10	2024	6Diax12		13.4	28.28	40	3168		Non Engraved	
3	Lean Concrete	8	10	2024	6Diax12		14	28.28	24	1901		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)

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



Civil Engineering Department

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8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/	CED/ 6582	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1337	Dated:	07-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/11/2	2024	Tested on:	28/11	1/2024	in dry/we	t condition		Ü	je steri
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	11	10	2024	6Diax12		14.4	28.28	60	4752		Non Engraved
2	(3000 Psi)	11	10	2024	6Diax12		14	28.28	55	4356		Non Engraved
3	(3000 Psi)	11	10	2024	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/

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8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#10 &11 NASTP PHASE-03, Lahore

Our Ref. No. CL/C	ED/ 6583	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1338	Dated:	08-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/11/2	2024	Tested on:	28/11	/2024	in dry/we	t condition		Ü	j&&&&9j
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	(3000 Psi)	12	10	2024	6Diax12		14.4	28.28	66	5228		Non Engraved
2	(3000 Psi)	12	10	2024	6Diax12		14	28.28	69	5465		Non Engraved
3	(3000 Psi)	12	10	2024	6Diax12		15	28.28	70	5545		Non Engraved
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8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#10 NASTP PHASE-03, Lahore

Our Ref. No. CL/	CED/ 6584	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1326	Dated:	08-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:			5/11/2	2024	Tested on:	28/11/2024		in dry/wet condition			Ë	j2.3389j
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Lean Concrete	12	10	2024	6Diax12		13.8	28.28	37	2931		Non Engraved
2	Lean Concrete	12	10	2024	6Diax12		14	28.28	60	4752		Non Engraved
3	Lean Concrete	12	10	2024	6Diax12		13.8	28.28	36	2851		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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/	CED/ 6585	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1339	Dated:	09-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/11/2	2024	Tested on:	28/11	1/2024	in dry/we	t condition		Ü	je star
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3000 Psi)	13	10	2024	6Diax12		13.4	28.28	66	5228		Non Engraved
2	(3000 Psi)	13	10	2024	6Diax12		13.4	28.28	59	4673		Non Engraved
3	(3000 Psi)	13	10	2024	6Diax12		14	28.28	64	5069		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 comprensive strength

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



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.

8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#11 NASTP PHASE-03, Lahore

Our Ref. No. CL/0	CED/ 6586	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1340	Dated:	10-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:			25/11/2024 Tested on:			28/11	28/11/2024 i		in dry/wet condition				
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks	
1	(3000 Psi)	14	10	2024	6Diax12		14.4	28.28	58	4594		Non Engraved	
2	(3000 Psi)	14	10	2024	6Diax12		14	28.28	67	5307		Non Engraved	
3	(3000 Psi)	14	10	2024	6Diax12		14	28.28	74	5861		Non Engraved	
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Witnessed by:													

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 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#09 NASTP PHASE-03, Lahore

Our Ref. No. CL/C	CED/ 6587	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1327	Dated:	11-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/11/2	2024	Tested on:	28/11	/2024	in dry/wet condition			Ü	j2.3389j
Sr. No.	Mark*	Cas DD	Casting Date*		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Lean Concrete	15	10	2024	6Diax12		14.6	28.28	39	3089		Non Engraved
2	Lean Concrete	15	10	2024	6Diax12		14.2	28.28	54	4277		Non Engraved
3	Lean Concrete	15	10	2024	6Diax12		14	28.28	53	4198		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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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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.

8292 Dr. Qasim Khan

To: Hafiz Arsalan Ali

Assistant Resident Engineer, HA CONSULTING, Architects, Engineers & Planners, Lahore

Project: Construction of DELTA#10 & 11 NASTP PHASE-03, Lahore

Our Ref. No. CL/0	CED/ 6588	Dated:	28/11/2024	Test Specification
Your Ref. No.	24/HAC/NASTP/1341	Dated:	11-11-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	25	5/11/2	2024	Tested on:	28/11	/2024	in dry/wet condition			Ü	je sledj
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	(3000 Psi)	15	10	2024	6Diax12		14	28.28	69	5465		Non Engraved
2	(3000 Psi)	15	10	2024	6Diax12		15	28.28	38	3010		Non Engraved
3	(3000 Psi)	15	10	2024	6Diax12		14.4	28.28	76	6020		Non Engraved
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Witnessed by:

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

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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



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.

8270 Dr. Qasim Khan

Engr. Hassan Mahmood Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, Gulberg-III, Lahore Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q BLOCK PHASE-II DHA, LAHORE Our Ref. No. CL/CED/ 6589 Dated: 28/11/2024 Your Ref. No. G3/DHA-NLD/RE/284 Dated: 11-11-24

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	pecimens received on: 20/11/2024 Tested on: 28/11/2024 in dry/wet condition					jesteg						
Sr. No.	Mark*		Casting Date*		Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Pouring of Stair (4000 Psi)	16	10	2024	6Diax12		(rtg/ gills) 14	28.28	65	(psi) 5149		Non Engraved
2	Pouring of Stair (4000 Psi)	16	10	2024	6Diax12		14.2	28.28	74	5861		Non Engraved
3	Pouring of Stair (4000 Psi)	16	10	2024	6Diax12		14	28.28	70	5545		Non Engraved
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Witness	ed 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.



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.

8270 Dr. Qasim Khan

Engr. Hassan Mahmood Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, Gulberg-III, Lahore Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q BLOCK PHASE-II DHA, LAHORE Our Ref. No. CL/CED/ 6590 Dated: 28/11/2024 Your Ref. No. G3/DHA-NLD/RE/281 Dated: 07-11-24

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	20)/11/2	2024	Tested on:	28/11	/2024	in dry/wet condition			Ĺ	jester
Sr. No.	Mark*		Casting 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	Pouring of Column (5000 Psi)	9	10	2024	6Diax12		14	28.28	75	5941		Non Engraved
2	Pouring of Column (5000 Psi)	9	10	2024	6Diax12		14.2	28.28	80	6337		Non Engraved
3	Pouring of Column (5000 Psi)	9	10	2024	6Diax12		13.8	28.28	78	6178		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.

Supervisor (Lab)



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.

8270 Dr. Qasim Khan

To:	Engr. Hassan Ma Resident Engine	ahmood eer, G3 Engineering Consultants (Pvt) I	_td, Gulberg-III, Lahore		
	•	ction of DHA NEW LIFE RESIDENCIA Ang of SOG & Sumpit Walls)	APARTMENTS AT 273/1 Q B	LOCK PHASE-II DHA,	
	Our Ref. No. CL/	CED/ 6591	Dated:	28/11/2024	
	Your Ref. No.	G3/DHA-NLD/RE/282	Dated:	07-11-24	

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specim	ens received on:	20)/11/2	2024	Tested on:	28/11	/2024	in dry/wet condition			Ü	j&238896
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(4000 Psi)	9	10	2024	6Diax12		14	28.28	75	5941		Non Engraved
2	(4000 Psi)	9	10	2024	6Diax12		14	28.28	52	4119		Non Engraved
3	(4000 Psi)	9	10	2024	6Diax12		13.8	28.28	46	3644		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.

Supervisor (Lab)



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.

8270 Dr. Qasim Khan

DHA,

Engr. Hassan Mahmood Resident Engineer, G3 Engineering Consultants (Pvt)	Ltd. Gulberg-III. Lahore	
Project: Construction of DHA NEW LIFE RESIDENCIA		BLOCK PHASE-II
Our Ref. No. CL/CED/ 6592	Dated:	28/11/2024
Your Ref. No. G3/DHA-NLD/RE/281	Dated:	07-11-24

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	20)/11/2	2024	Tested on:	28/11	in dry/wet condition				Ü	jester
Sr. No.	Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
1	Pouring of SOG	10	10	2024	(in) 6Diax12	(r.g/ gms) 	(Kg/ gms) 14.8	(Sq. in) 28.28	(Imp.Tons) 83	(psi) 6574		Non Engraved
2	(4000 Psi) Pouring of SOG	10	10	2024	6Diax12		13.6	28.28	71	5624		Non Engraved
3	(4000 Psi) Pouring of SOG (4000 Psi)	10	10	2024	6Diax12		13.8	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/

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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

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Supervisor (Lab)



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.

8312 Dr. M. Yousaf

To: Mr. Salman Shahid

General Manager/ Project Manager, NESPAK (Pvt) Ltd.

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kinara Top at PAF BASE MUSHAF. (Contractor: M/s Riaz-ud-din Engineering Pvt. Ltd.) Our Ref. No. CL/CED/ 6593 Dated: 28/11/2024 Dated: 28/11/2024

Your Ref. No. 4800/321/SS/01/1513

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	28	8/11/2	2024	Tested on:	28/11	/2024	in dry/we	t condition		Ü	jesseg
Sr. No.	Mark*	Cas DD	•	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		14	11	2024	6Diax12		14	28.28	89	7050		Non Engraved
2		14	11	2024	6Diax12		15.4	28.28	89	7050		Non Engraved
3		14	11	2024	6Diax12		14.6	28.28	67	5307		Non Engraved
4												
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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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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.

8307 Dr. Qasim Khan

To: Mr. Safdar Shahid

Specimens received on:

Resident Engineer, Architecture & Planning Division, NESPAK (Pvt) Ltd. Project: KBCMA COLLEGE OF VETERINARY AND ANIMAL SCIENCES NAROWAL CAMPUS (MULTIPURPOSE COMPLEX) Our Ref. No. CL/CED/ 6594 Dated: 28/11/2024 **Test Specification** Your Ref. No. 4650/311/SR/65 Dated: 09-11-24

28/11/2024

in dry/wet condition

COMPRESSION TEST REPORT



27/11/2024 Tested on:



Remarks

Non Engraved Non Engraved Non Engraved ----------------------------

(ASTM C39)

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		on (%)	
1	Plinth Beam, Line G, 1-2 (1:1.5:3)	10	10	2024	6Diax12		14.2	28.28	79	6257		
2	Plinth Beam, Line G, 1-2 (1:1.5:3)	10	10	2024	6Diax12		14	28.28	76	6020		
3	Plinth Beam, Line G, 1-2 (1:1.5:3)	10	10	2024	6Diax12		14.6	28.28	65	5149		
4												
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Witnessed by:

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

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

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Supervisor (Lab)



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.

8298 Dr. Qasim Khan

To: Mr. Muhammad Farhad XEN, Garrison Engr (A) SVCS LRC

Project: Const of U/G Water Tank (1 Lac gln) at Bashir Line and MML at Lhr Cantt (RCC 4000 Psi for Footings)

Our Ref. No. CL/	CED/ 6595	Dated:	28/11/2024	Test Specification
Your Ref. No.	6001-A-94/18/E-6	Dated:	20/11/2024	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		26/11/2024 Tested on:		28/11/2024		in dry/wet condition			Ü			
Sr. No.	Mark*	Cas DD	•	Date* 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 Absorpti on (%)	Remarks
1	RCC (4000 Psi)	20	10	2024	6Diax12		14	28.28	62	4911		Non Engraved
2	RCC (4000 Psi)	20	10	2024	6Diax12		14	28.28	62	4911		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 comprensive strength

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



Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895 Landline: 042-99029245 & 042-99029202

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

8311 Dr. Wasim Abbas

To: Mr. M. TUFAIL

Resident Engineer, PCP (Package-II), NESPAK-MMP-ACE (JV) Site Office Kamoke

Project: Improvement & Extension of Water Supply Schemes in Kamoke City

Our Ref. No. CL/	CED/ 6596	Dated:	28/11/2024	Test Specification
Your Ref. No.	PCP/P-2/RE/KMK/531	Dated:	20/11/2024	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	28	8/11/2	2024	Tested on:	28/11	/2024	in dry/we	t condition		Ü	jesseg
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	PCC (1:2:4)	13	8	2024	6x6x6		8.4	36	105	6533		Engraved
2	PCC (1:2:4)	13	8	2024	6x6x6		8.2	36	105	6533		Engraved
3	PCC (1:2:4)	13	8	2024	6x6x6		8.6	36	109	6782		Engraved
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Witnessed by:												

witnessed by:

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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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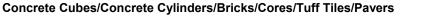
8303 Dr. Usman Akmal

To: Engr. M. Imran

Resident Engineer, Master Consulting Engineers (Pvt) Ltd, DHA Phase-I, Lahore 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/ 6597 Dated: 28/11/2024 **Test Specification** Dated: 27/11/2024 (BS 1881-116)

Your Ref. No. NKB/RE/RCC/27

COMPRESSION TEST REPORT



Specimens received on:		27/11/2024 Tested on:		28/11/2024 in d		in dry/wet	n 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	Slab F/F (1:1.5:3)	28	10	2024	6x6x6		8.2	36	74	4604		Engraved
2	Slab F/F (1:1.5:3)	28	10	2024	6x6x6		8.4	36	87	5413		Engraved
3	Slab F/F (1:1.5:3)	28	10	2024	6x6x6		8.8	36	85	5289		Engraved
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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

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8303 Dr. Usman Akmal

To: Engr. M. Imran

Resident Engineer, Master Consulting Engineers (Pvt) Ltd, DHA Phase-I, Lahore 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/ 6598 Dated: 28/11/2024 **Test Specification** Dated: 27/11/2024 (BS 1881-116)

Your Ref. No. NKB/RE/RCC/28

COMPRESSION TEST REPORT

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



Witnessed by:

16

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

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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.

8299 Dr. Qasim Khan

To: Mr. KAMRAN KHAN

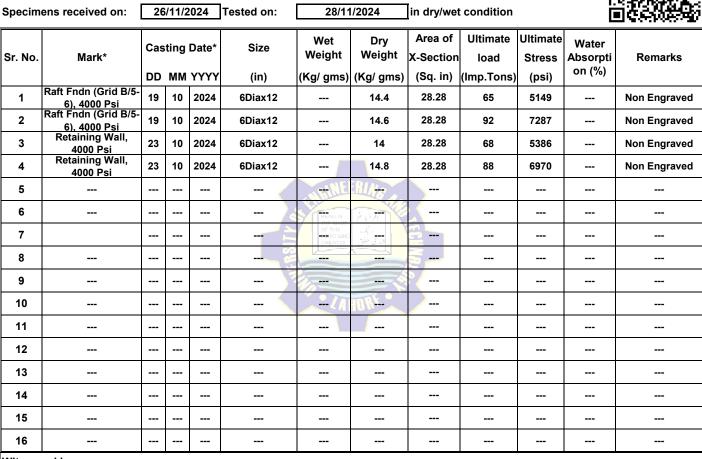
Procurement Manager, Q-Links Property Management Pvt. Ltd

Project: Construction of Gold Souq, Bahria Town Lahore (Raft Foundation- Grid B/5-6; Retaining Wall)

Our Ref. No. CL/C	ED/ 6599	Dated:	28/11/2024	Test Specification
Your Ref. No.	QLC-Gold-2024-LT-FGK-1	Dated:	25/11/2024	(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/

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