

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.

8403 Dr. Qasim Khan

Test Specification

(ASTM C39)

To: Sub Divisional Officer

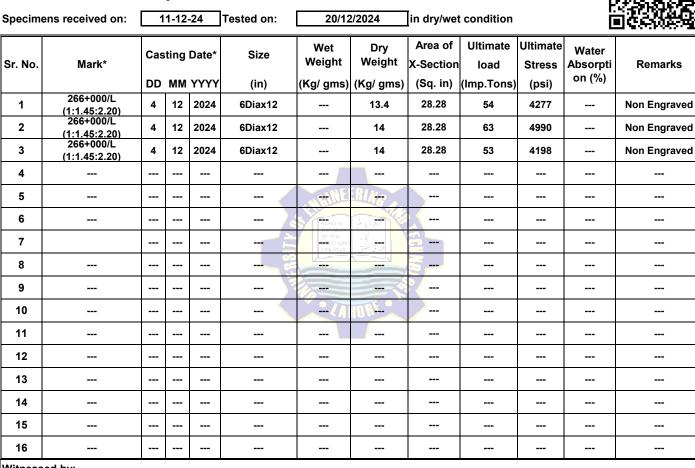
Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators from RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) at RD.266+000/L Downstream Stilling Basin / Cistern Floor Slab Our Ref. No. CL/CED/ 6806 Dated: 20/12/2024 Dated: 11-12-24

Your Ref. No. 01/Camp

COMPRESSION TEST REPORT





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.



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8433 Dr. Qasim Khan

To:	Mr. Muhammad Yaseen
	Sr Project Manager, HASSAN CONSTRUCTION COMPANY, Islampura, Lahore

Project: Construction of TCCC Manual Color Filling and Buffer Room

Our Ref. No. CL/CED/ 6807	Dated:	20/12/2024	Test Specification
Your Ref. No. HC-CPS-04	Dated:	02-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

o Canada da	Ü	in dry/wet condition			2/2024	20/12	Tested on:	2024	6/12/2	16	ens received on:	Specim
	Water Absorpti on (%)	Ultimate Stress (psi)	Ultimate load (Imp.Tons)	Area of X-Section (Sq. in)	Dry Weight (Kg/ gms)	Wet Weight (Kg/ gms)	Size (in)	Casting Date*			Mark*	Sr. No.
Non Engraved		5941	75	28.28	14		6Diax12	2024	11	5		1
Non Engraved		6257	79	28.28	14.2		6Diax12	2024	11	5		2
Non Engraved		6099	77	28.28	14		6Diax12	2024	11	5		3
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8413 Dr. Qasim Khan

To: Sub Divisional Officer Maintenance Sub Division No. II, GOR-III, Lahore Project: Construction of ONE MULTISTOREY BUILDING for Residencies Grade 11-14 (36 Nos) for Staff Colony at Chauburgi, Garden State, Multan Road, Lahore Our Ref. No. CL/CED/ 6808 Dated: 20/12/2024 **Test Specification** Your Ref. No. 545/Sd/GOR-III, Lhr Dated: 12-12-24 (ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	12	2/12/2	2024	4 Tested on: 20/12/2024 in dry/wet condition			Ü	j&.38896			
Sr. No.	Mark*		_	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	(1:1.5:3)	25	10	2024	6Diax12		14	28.28	60	4752		Non Engraved
2	(1:1.5:3)	25	10	2024	6Diax12		14	28.28	64	5069		Non Engraved
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To:

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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8413 Dr. Qasim Khan

 Sub Divisional Officer

 Maintenance Sub Division No. II, GOR-III, Lahore

 Project: Construction of ONE MULTISTOREY BUILDING for Residencies Grade 11-14 (36 Nos) for Staff Colony at Chauburgi, Garden State, Multan Road, Lahore

 Our Ref. No. CL/CED/
 6809
 Dated:
 20/12/2024
 Test Specification

 Your Ref. No.
 546/Sd/GOR-III, Lhr
 Dated:
 12-12-24
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specime	ens received on:	12	2/12/2	2024	Tested on:	20/12	2/2024	in dry/we	t condition		Ö	jesussi
Sr. No.	Mark*	Cas	-	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	(1:2:4)	5	11	2024	6Diax12		13.4	28.28	55	4356		Non Engraved
2	(1:2:4)	5	11	2024	6Diax12		13.4	28.28	45	3564		Non Engraved
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8412 Dr. Qasim Khan

To: Sub Divisional Officer Buildings Sub Division No. 16, Lahore

Project: Construction of SMART POLICE STATION SHADMAN LAHORE

Our Ref. No. CL/CED	0/ 6810	Dated:	20/12/2024	Test Specification
Your Ref. No. 5	0/16th	Dated:	12-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	12/12/2024		2024	Tested on:	20/12/2024		in dry/wet condition					
Sr. No.	Mark*	Cas	-	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	Ground Floor Columns (1:1.5:3)	4	11	2024	6Diax12		13.2	28.28	47	3723		Non Engraved	
2	Columns (1:1.5:3) Ground Floor Columns (1:1.5:3)	4	11	2024	6Diax12		13.4	28.28	57	4515		Non Engraved	
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Supervisor (Lab)



Civil Engineering Department

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8412 Dr. Qasim Khan

To: Sub Divisional Officer Buildings Sub Division No. 16, Lahore

Project: Construction of SMART POLICE STATION SHADMAN LAHORE

Our Ref. No. CL/0	ED/ 6811	Dated:	20/12/2024	Test Specification
Your Ref. No.	53/16th	Dated:	12-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	12/12/2024		2024	Tested on:	20/12/2024		in dry/wet condition					
Sr. No.	Mark*	Cas	•	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	Ground Floor Slab (1:2:4)	13	11	2024	6Diax12		13	28.28	32	2535		Non Engraved	
2	Ground Floor Slab (1:2:4)	13	11	2024	6Diax12		13.4	28.28	54	4277		Non Engraved	
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8445 Dr. Qasim Khan

To: Mr. Safdar Rashid

Resident Engineer, Consulting Engineers - Architecture & Planning Division, NESPAK (Pvt) Ltd Project: KBCMA College of Veterinary and Animal Sciences Narowal Campus (Admin Block- Footings Grid A-H, 1-7) Our Ref. No. CL/CED/ 6812 Dated: 20/12/2024 **Test Specification** Your Ref. No. 4650/311/SR/71 Dated: 02-12-24

COMPRESSION TEST REPORT



(ASTM C39)

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

Specim	17/12/2024		2024	Tested on:	20/12/2024		in dry/wet condition			Ċ	jeske g	
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	Roof Slab 1st Floor (1:1.5:3)	3	11	2024	6Diax12		13.2	28.28	68	5386		Non Engraved
2	Roof Slab 1st Floor (1:1.5:3)	3	11	2024	6Diax12		13.4	28.28	71	5624		Non Engraved
3	Roof Slab 1st Floor (1:1.5:3)	3	11	2024	6Diax12		13.4	28.28	43	3406		Non Engraved
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8444 Dr. Qasim Khan

To: Mr. Kashif Mahmood

Assistant Engineer, ITU (Information Technology University of The Punjab.)

Project: Construction of Multipurpose Building at Main Campus Barki Road Lahore

Our Ref. No. CL/0	CED/ 6813	Dated:	20/12/2024	Test Specification
Your Ref. No.	ITU/OEW/24/395	Dated:	09-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	e received on: 17/12/2024 Tested on: 20/12/2024 in dry/wet condition					Ö	je ster				
Sr. No.	Mark*	Casting Date*				Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Slab (3000 Psi)	2	12	2024	6Diax12		14	28.28	56	4436		Non Engraved
2	Slab (3000 Psi)	2	12	2024	6Diax12		13.8	28.28	44	3485		Non Engraved
3	Slab (3000 Psi)	2	12	2024	6Diax12		13.6	28.28	50	3960		Non Engraved
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To:

Plain and Reinforced Concrete Laboratory

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8435 Dr. Qasim Khan

Mr. Safdar Rashid			
Resident Engineer, Co	onsulting Engineers - Architecture & Planning	g Division, NES	PAK (Pvt) Ltd
Project: KBCMA Colle Dispensary Roof Slab)	ge of Veterinary and Animal Sciences Narowa	al Campus (BS	15-17 RESIDENCE-
Our Ref. No. CL/CED/	6814	Dated:	20/12/2024
Your Ref. No. 465	50/311/SR/73	Dated:	13/12/2024

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specim	ens received on:	16	6/12/2	2024	Tested on:	20/12	2/2024	in dry/wet condition				j2.38896				
Sr. No.	Mark*		-		Casting 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	Roof Slab (1:1.5:3)	16	11	2024	6Diax12		14.6	28.28	48	3802		Non Engraved				
2	Roof Slab (1:1.5:3)	16	11	2024	6Diax12		14.4	28.28	50	3960		Non Engraved				
3	Roof Slab (1:1.5:3)	16	11	2024	6Diax12		15	28.28	69	5465		Non Engraved				
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Supervisor (Lab)



Civil Engineering Department

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8447 Dr. Qasim Khan

To: Mr. Kamran Khan

Procurement Manager, Q-Links Construction

Project: Construction of Q-High Street, Bahria Town Lahore.

Our Ref. No. CL/CED/ 6815

Your Ref. No. QLC-BO-BH2-2024-02-LTR-15-2024

COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specimens received on: 17/12/2024					Tested on:	20/12	2/2024	in dry/wet	condition			i estado
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	Basement Slab (3000 Psi)	9	11	2024	6Diax12		14	28.28	34	2693		Non Engraved
2	Basement Slab (3000 Psi)	9	11	2024	6Diax12		13.6	28.28	30	2376		Non Engraved
3	Basement Slab (3000 Psi)	9	11	2024	6Diax12		14.2	28.28	38	3010		Non Engraved
4	Basement Slab (3000 Psi)	9	11	2024	6Diax12		14	28.28	36	2851		Non Engraved
5	Basement Slab (3000 Psi)	9	11	2024	6Diax12	THE	13.8	28.28	30	2376		Non Engraved
6	Basement Slab (3000 Psi)	9	11	2024	6Diax12	READ IN	2.14	28.28	48	3802		Non Engraved
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Dated:

20/12/2024

13/12/2024

Witnessed by:

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8385 Dr. Qasim Khan

Test Specification

(BS 3921**)

To: Engr. M. IMRAN

Resident Engineer, Master Consulting Engineers (Pvt) Ltd

Project: Construction of 07-Storey Residential Block having Minimum 100 Rooms with Attached Bathroom Facilities at Gurdwara Janamasthan Nankana Sahib Our Ref. No. CL/CED/ 6816 Dated: 20/12/2024 Dated: 05-12-24

Your Ref. No. NKB/RE/MCE/31

COMPRESSION TEST REPORT



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

Specimens received on:		1	10-12-24 Tested on:				20/12/2024		in dry/wet condition			i terretere	
Sr. No. Mark*		Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks	
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	S-1				9 x 4.2 x 2.8	3265	2885	37.8	45	2667	13.17		
2	S-1				8.8 x 4.2 x 2.9	3240	2870	36.96	42	2545	12.89		
3	S-1				8.9 x 4.1 x 2.8	3260	2865	36.49	40	2455	13.79		
4	S-1				8.8 x 4.2 x 3	3280	2910	36.96	44	2667	12.71		
5	S-1				8.9 x 4.1 x 3	3235	2865	36.49	43	2640	12.91		
6	J				8.8 x 4.1 x 3.1	3630	3190	36.08	49	3042	13.79		
7	J				8.8 x 4.2 x 3	3670 MH	3175	36.96	44	2667	15.59		
8	J				8.9 x 4.1 x 3	3520	3210	36.49	49	3008	9.66		
9	J				8.9 x 4.2 x 3	3465	3015	37.38	49	2936	14.93		
10	J				8.9 x 4.2 x 3	3720	3215	37.38	46	2757	15.71		
11													
12													
13													
14													
15													
16													
Witness	ed by:					•	•		•				

witnessea 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.

8402 Dr. Qasim Khan

To: Mr. Muhammad Khalid Zaman Resident Engineer, Engineering Consultancy Services Punjab (Pvt) Ltd

Project: Model Cattle Market Shahpur Kanjra, Lahore. (Contractor: FWO)

Our Ref. No. CL/CED/ 6817	Dated: 20/12/	2024 <u>Test Specification</u>
Your Ref. No. ECSP/MCML-26	Dated: 10-12	2-24 (BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	1-12	-24	Tested on:	20/12	2/2024	in dry/wet condition					
Sr. No. Mark*		Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks	
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	ABC				8.8 x 4.2 x 2.8	3410	3040	36.96	42	2545	12.17		
2	ABC				8.9 x 4.3 x 2.9	3385	3000	38.27	44	2575	12.83		
3	ABC				9 x 4.3 x 3	3375	3300	38.7	43	2489	2.27		
4	ABC				8.9 x 4.3 x 2.9	3440	3150	38.27	42	2458	9.21		
5	ABC				9 x 4.2 x 3	3470	3045	37.8	47	2785	13.96		
6	ABC				8.9 x 4.2 x 2.9	3690	3250	37.38	47	2816	13.54		
7						OF THY CORD WHO CREATES	ریجی۔ الد کی خلق ر	133					
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Witness	sed by:												

witnessea 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)