

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 ORIGINAL
A carbon copy for

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> 8372 Dr. Aqsa

To: Sub Divisional Officer

Building Sub Division No.10, Lahore.

Project: CONSTRUCTION OF ANTI-RIOT HEADQUARTERS AT HARBANSPURA, LAHORE.

Our Ref. No. CL/CED/ 6756 Dated: 17-12-24 <u>Test Specification</u>

Your Ref. No. 4772/10th Dated: 11-09-23

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	s				8.8 x 4.4 x 2.9	3835	3355	38.72	44	2545	14.31	
2	s				8.8 x 4.4 x 2.9	3695	3250	38.72	48	2777	13.69	
3	s				8.9 x 4.4 x 3	3725	3280	39.16	49	2803	13.57	
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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

- 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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> 8372 Dr. Aqsa

To: Sub Divisional Officer

Building Sub Division No.10, Lahore.

Project: CONSTRUCTION OF ANTI-RIOT HEADQUARTERS AT HARBANSPURA, LAHORE.

Our Ref. No. CL/CED/ 6757 Dated: 17-12-24 <u>Test Specification</u>

Your Ref. No. 5662/10th Dated: 06-06-24

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	s				8.8 x 4.4 x 2.9	3515	3090	38.72	51	2950	13.75	
2	s				8.9 x 4.4 x 3	3695	3245	39.16	48	2746	13.87	
3	s				8.9 x 4.4 x 2.9	3690	3230	39.16	47	2688	14.24	
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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
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 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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> 8372 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No.16, Lahore.

Project: CONSTRUCTION OF SMART POLICE STATION HARBANSPURA, LAHORE.

Our Ref. No. CL/CED/ 6758 Dated: 17-12-24 <u>Test Specification</u>

Your Ref. No. 352 Dated: 17-02-24

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RB				8.9 x 4.3 x 3	3695	3240	38.27	49	2868	14.04	
2	RB				8.9 x 4.4 x 2.9	3585	3170	39.16	42	2402	13.09	
3	RB				8.8 x 4.4 x 2.9	3630	3200	38.72	49	2835	13.44	
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Witness	sed by:											

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- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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8372 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No.16, Lahore.

Project: CONSTRUCTION OF SMART POLICE STATION BATAPUR, LAHORE.

Our Ref. No. CL/CED/ 6759 Dated: 17-12-24 <u>Test Specification</u>

Your Ref. No. 361 Dated: 19-02-24

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RB				8.9 x 4.4 x 2.9	3745	3275	39.16	45	2574	14.35	
2	RB				9 x 4.4 x 3	3715	3250	39.6	45	2545	14.31	
3	RB				8.9 x 4.4 x 2.9	3690	3220	39.16	49	2803	14.6	
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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 comprerssive strength

- 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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8430 Dr. Aqsa

To: Mr. Muhammad Imran

Senior Project Manager, IDAP

Project: Nil

Our Ref. No. CL/CED/ 6760 Dated: 17-12-24 <u>Test Specification</u>

Your Ref. No. SPM(NETZERO)/IDAP/2024/20919 Dated: 13-12-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	r. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		5	12	2024	6Diax12		13	28.28	51	4040		Non Engraved
2		5	12	2024	6Diax12		13.2	28.28	42	3327		Non Engraved
3		5	12	2024	6Diax12		13	28.28	57	4515		Non Engraved
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Witness	sed by: Nil											

Witnessed by: Nil

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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 compressive strength

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8439 Dr. Aqsa

To: Mr. Farrukh

Sr. Manager Projects, Premier Trading Services (Pvt) Ltd.

Project: Construction of a Warehouse at Harbanspura.

Our Ref. No. CL/CED/ 6761 Dated: 17-12-24 <u>Test Specification</u>

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

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		4	10	2024	6Diax12		13.4	28.28	85	6733		Non Engraved
2		4	10	2024	6Diax12		14	28.28	83	6574		Non Engraved
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Witnessed by: Nil

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8406
Dr. Agsa

To: Mr. HUZAIFA JAVED

Lt Commander PN, GE (Navy) Lahore.

Project: CA NO. ENC-N-33/2025 - CONSTRUCTION OF ADMIN BLOCK AT PN WAR COLLEGE WALTON

LAHORE.

Our Ref. No. CL/CED/ 6762 Dated: 17-12-24 <u>Test Specification</u>

Your Ref. No. 6024/181/23/E-6 Dated: 06-12-24

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	7UP				8.6 x 4.1 x 2.9	3605	3310	35.26	44	2795	8.91	
2	7UP				8.9 x 4.1 x 2.8	3620	3340	36.49	43	2640	8.38	
3	7UP				8.9 x 4.2 x 3	3650	3385	37.38	44	2637	7.83	
4	ZBC				9 x 4.2 x 3	3730	3430	37.8	44	2607	8.75	
5	ZBC				9 x 4.2 x 3	3785	3500	37.8	43	2548	8.14	
6	ZBC				8.9 x 4.2 x 3	3615	3340	37.38	47	2816	8.23	
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Witnessed by:

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8442 Dr. Aqsa

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd

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

Our Ref. No. CL/CED/ 6763 Dated: 17-12-24 <u>Test Specification</u>

Your Ref. No. HMBDPL/S.O/12/24/150(LHR) Dated: 17-12-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-12-24 Tested on: 17-12-24 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	CT-170 (3500 Psi)	14	11	2024	6Diax12		14.4	28.28	63	4990		Non Engraved
2	CT-170 (3500 Psi)	14	11	2024	6Diax12		14	28.28	61	4832		Non Engraved
3	CT-170 (3500 Psi)	14	11	2024	6Diax12		14.4	28.28	56	4436		Non Engraved
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10						LA	IORE.					
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Witnessed by: Mr. Ghulam Nabi, CNIC 35201-1248412-1

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

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