

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.

7003 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24) (Retaining Wall Upper Basement)

Our Ref. No. CL/CED/ 4639

Dated: 16-04-24

Test Specification
(ASTM C39)

Your Ref. No. 307 Dated: 28-02-24

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 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	(4000 Psi)	26	1	2024	6Diax12		14	28.28	87	6891		Non Engraved
2	(4000 Psi)	26	1	2024	6Diax12		14	28.28	59	4673		Non Engraved
3	(4000 Psi)	26	1	2024	6Diax12		13.4	28.28	67	5307		Non Engraved
4												
5						HEINE	RING					
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10						-LA	IORE.					
11												
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15												
16							1					

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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7003 Dr. Aqsa

Test Specification

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24)

Our Ref. No. CL/CED/ 4640 Dated: 16-04-24

Your Ref. No. 308 Dated: 28-02-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 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	Column Upper Bsmnt (4000 Psi)	26	1	2024	6Diax12		14	28.28	85	6733		Non Engraved
2	Column Upper Bsmnt (4000 Psi)	26	1	2024	6Diax12		14	28.28	83	6574		Non Engraved
3	Column Upper Bsmnt (4000 Psi)	26	1	2024	6Diax12		14.2	28.28	94	7446		Non Engraved
4												
5						THE	RING					
6						READ IN	2071	X				
7					1 1	OF THY LORD WHO CREATES	ر تیب اندنی خلق ر	E		-		
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10						LA	IORE.					
11												
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15					-		1			I	-	
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 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)
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Test Specification

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24)

Our Ref. No. CL/CED/ 4641 Dated: 16-04-24

Your Ref. No. 319 Dated: 04-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 in dry/wet condition



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 (%)	
Upper Basement Slab (3000 Psi)	2	2	2024	6Diax12		13.2	28.28	56	4436		Non Engraved
	2	2	2024	6Diax12		13.6	28.28	61	4832		Non Engraved
Upper Basement Slab (3000 Psi)	2	2	2024	6Diax12		13	28.28	61	4832		Non Engraved
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					READ IN	207					
				1 1	OF THY LORD WHO CREATES	ر تاب اند کی خلق ر			I		
				887			3		I		
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				-	LA	IORE.					
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	Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi)	Mark* DD Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi)	Mark* DD MM Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi)	DD MM YYYY	Mark* DD MM YYYY (in) Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi) Upper Basement Slab (3000 Psi)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight (Kg/ gms) X-Section (Sq. in) Upper Basement Slab (3000 Psi) 2 2 2024 6Diax12 13.2 28.28 Upper Basement Slab (3000 Psi) 2 2 2024 6Diax12 13.6 28.28 Upper Basement Slab (3000 Psi) 2 2 2024 6Diax12 13.6 28.28	Mark*	Mark* Casting Date* Size Weight Weight Weight X-Section load Stress (kg/gms) (kg/gms)	Mark*

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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Test Specification

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24)

Our Ref. No. CL/CED/ 4642 Dated: 16-04-24

Your Ref. No. 403 Dated: 14-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 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	Ground Floor Slab (3000 Psi)	9	2	2024	6Diax12		13.6	28.28	54	4277		Non Engraved
2	Ground Floor Slab (3000 Psi)	9	2	2024	6Diax12		13.2	28.28	66	5228		Non Engraved
3	Ground Floor Slab (3000 Psi)	9	2	2024	6Diax12		13.8	28.28	80	6337		Non Engraved
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11		-										
12												
13												
14												
15		-									-	
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 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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Test Specification

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24)

Our Ref. No. CL/CED/ 4643 Dated: 16-04-24

Your Ref. No. 468 Dated: 27-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 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	Ground Floor Column (4000 Psi)	22	2	2024	6Diax12		14	28.28	92	7287		Non Engraved
2	Ground Floor Column (4000 Psi)	22	2	2024	6Diax12		13.8	28.28	50	3960		Non Engraved
3	Ground Floor Column (4000 Psi)	22	2	2024	6Diax12		14	28.28	62	4911		Non Engraved
4												
5						THE	RING			I		
6						READ IN	200			I		
7					1	OF THY -CRO WHO CREATES	ر تیب اندنی خلق ر	193		I		
8					887		7			I		
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11										-		
12							-			I		
13										I		
14										-		
15												
16										-		
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 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)
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Test Specification

To: **Sub Divisional Officer**

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24)

Our Ref. No. CL/CED/ 4644 Dated: 16-04-24

Your Ref. No. Dated: 02-04-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 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	First Floor Slab (3000 Psi)	28	2	2024	6Diax12		14.2	28.28	70	5545		Non Engraved
2	First Floor Slab (3000 Psi)	28	2	2024	6Diax12		13.6	28.28	59	4673		Non Engraved
3	First Floor Slab (3000 Psi)	28	2	2024	6Diax12		14	28.28	66	5228		Non Engraved
4												
5						BINE	RING					
6					}	READ IN	207					
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10						LA	IORE.					
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12												
13												
14												
15												
16							-					
Witness	sed 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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Test Specification

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24)

Our Ref. No. CL/CED/ 4645 Dated: 16-04-24

Your Ref. No. 472 Dated: 02-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 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	Second Floor Slab (3000 Psi)	22	3	2024	6Diax12		13.6	28.28	73	5782		Non Engraved
2	Second Floor Slab (3000 Psi)	22	3	2024	6Diax12		12.4	28.28	61	4832		Non Engraved
3	Second Floor Slab (3000 Psi)	22	3	2024	6Diax12		14	28.28	69	5465		Non Engraved
4												
5						HEINE	RING					
6					}	READ IN	207				-	
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12							-					
13												
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15												
16							1					

Witnessed 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 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)
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To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

For The Year 2023-24)

Our Ref. No. CL/CED/ 4646 Dated: 16-04-24 <u>Test Specification</u>

Your Ref. No. 474 Dated: 02-03-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 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	Second Floor Column (4000 Psi)	24	3	2024	6Diax12		13.6	28.28	86	6812		Non Engraved
2	Second Floor Column (4000 Psi)	24	3	2024	6Diax12		13.6	28.28	103	8158		Non Engraved
3	Second Floor Column (4000 Psi)	24	3	2024	6Diax12		13.2	28.28	81	6416		Non Engraved
4												
5						THE	RING			I		
6			-		}	READ IN	207			I		
7			1		1	OF THY -CRO WHO CREATES	ر تیب اند کی خلق ر	193		I		
8			-		887					I		
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Witnessed by:

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- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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7003 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No. 15, Lahore

Project: Construction of New Courts Block at the Site of Old Administration Block at Lahore (ADP No. 3766

for the Year 2023-24). (Upper Basement to Ground Floor Ramp)

Our Ref. No. CL/CED/ 4647

Dated: 16-04-24

Test Specification

Your Ref. No. 482

Dated: 04-04-24

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-24 Tested on: 16-04-24 in dry/wet condition



Sr. No. Mark*		Casting Date*		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	(3000 Psi)	28	3	2024	6Diax12		13.6	28.28	83	6574		Non Engraved
2	(3000 Psi)	28	3	2024	6Diax12		13.6	28.28	58	4594		Non Engraved
3	(3000 Psi)	28	3	2024	6Diax12		14	28.28	52	4119		Non Engraved
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5						THILE	RING					
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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
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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.