

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.

> 4934 Dr. Umbreen

To: Mr. Talha Javaid

Project Manager, Construct ® 41-B, Gulberg II, Lahore.

Project: DRGCC Golfer's Complex.

 Our Ref. No. CL/CED/
 1448
 Dated:
 15-03-23
 Test Specification

 Your Ref. No.
 CON/PM/GC/230311
 Dated:
 11-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-23 Tested on: 13-03-23 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	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12		13.4	28.28	45	3564		Engraved
2	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12		13.2	28.28	50	3960		Engraved
3	Foundation Pile Caps (4000 Psi)	9	3	2023	6Diax12		13.4	28.28	51	4040		Engraved
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Witnessed by: Mr. Waqas, CNIC # 35202-3299703-3

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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> 4944 Dr. M. Yousaf

(ASTM C39)

To: Project Manager

Baig Construction Company (Pvt) Ltd.

Project: Construction of Jinnah Squair Mall Khyaban e Jinnah Road, Lahore.

Our Ref. No. CL/CED/ 1449 Dated: 15-03-23 <u>Test Specification</u>

Your Ref. No. CBT/UET/08 Dated: 14-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OH (%)	
1	Raft Bed (3750 Psi)	12	2	2023	6Diax12		13.8	28.28	35	2772		Non Engraved
2	Raft Bed (3750 Psi)	12	2	2023	6Diax12		14.4	28.28	33	2614		Non Engraved
3	Raft Bed (3750 Psi)	12	2	2023	6Diax12		13.8	28.28	63	4990		Non Engraved
4	Raft Bed (3750 Psi)	12	2	2023	6Diax12		14	28.28	38	3010		Non Engraved
5					-	TETNE	RING					
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Witnessed by: Mr. Muhammad Yasin (JSM Heights), CNIC # 16102-7094244-7

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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ORIGINAL

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

> 4948 Dr. M. Yousaf

To: Mr. Malik Faisal Hussain

Material Engineer, Tetra Ready Mix (Pvt) Ltd. A Concrete Solutions Company

Project: E-Mall 125/E, 115/E Gulberg III, Lahore.

 Our Ref. No. CL/CED/
 1450
 Dated:
 15-03-23
 Test Specification

 Your Ref. No.
 TRM/Alfatah/04
 Dated:
 14-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-23 Tested on: 14-03-23 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	03, (3000 Psi)	9	2	2023	6Diax12		14	28.28	73	5782		Non Engraved
2	04, (3000 Psi)	9	2	2023	6Diax12		13.8	28.28	74	5861		Non Engraved
3	10, (3000 Psi)	9	2	2023	6Diax12		14	28.28	74	5861		Non Engraved
4	09, (3000 Psi)	9	2	2023	6Diax12		13.8	28.28	74	5861		Non Engraved
5	03, (4000 Psi)	9	2	2023	6Diax12	GINE	RI 14	28.28	82	6495		Non Engraved
6	04, (4000 Psi)	9	2	2023	6Diax12	NEAD W	13.4	28.28	76	6020		Non Engraved
7	09, (4000 Psi)	9	2	2023	6Diax12	DE NICE OF THY LORD WHO	14	28.28	87	6891		Non Engraved
8	10, (4000 Psi)	9	2	2023	6Diax12		14	28.28	89	7050		Non Engraved
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10					<	-LA	IORE.					
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12												
13												
14												
15												
16												

Witnessed by: Mr. Javaid Iqbal, SQS Alfatah, CNIC # 35102-4898955-3

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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ORIGINAL

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> 4948 Dr. M. Yousaf

To: Mr. Malik Faisal Hussain

Material Engineer, Tetra Ready Mix (Pvt) Ltd. A Concrete Solutions Company

Project: E-Mall 125/E, 115/E Gulberg III, Lahore.

 Our Ref. No. CL/CED/
 1451
 Dated:
 15-03-23
 Test Specification

 Your Ref. No.
 TRM/Alfatah/03
 Dated:
 14-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*	Cas	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	01, (3500 Psi)	13	2	2023	6Diax12		14	28.28	75	5941		Non Engraved
2	02, (3500 Psi)	13	2	2023	6Diax12		13.8	28.28	73	5782		Non Engraved
3	10, (3500 Psi)	13	2	2023	6Diax12		13.4	28.28	67	5307		Non Engraved
4	11, (3500 Psi)	13	2	2023	6Diax12		13.4	28.28	70	5545		Non Engraved
5	01, (4500 Psi)	13	2	2023	6Diax12	GINE	RI 14	28.28	87	6891		Non Engraved
6	02, (4000 Psi)	13	2	2023	6Diax12	T READW	14	28.28	91	7208		Non Engraved
7	10, (4000 Psi)	13	2	2023	6Diax12	DHE NAME OF THY LORD WHO	- 14	28.28	90	7129		Non Engraved
8	11, (4500 Psi)	13	2	2023	6Diax12	ظلا	14	28.28	87	6891		Non Engraved
9	02, (6000 Psi)	13	2	2023	6Diax12	%	14	28.28	87	6891		Non Engraved
10	04, (6000 Psi)	13	2	2023	6Diax12	-LA	14	28.28	90	7129		Non Engraved
11	10, (6000 Psi)	13	2	2023	6Diax12		13.2	28.28	88	6970		Non Engraved
12	11, (6000 Psi)	13	2	2023	6Diax12		13.8	28.28	90	7129		Non Engraved
13												
14												
15												
16												

Witnessed by: Mr. Javaid Iqbal, SQS Alfatah, CNIC # 35102-4898955-3

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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> 4947 Dr. M. Yousaf

Test Specification

To: Mr. Zaheer Abbas

Our Ref. No. CL/CED/ 1452

Manager Construction, Beaconhouse School System. (BPS Private Ltd.)

Project: Construction of New Campus Ibne Sina at Valencia Town, Lahore.

Project. Constituction of New Campus ione on a at valencia Town, Lanore.

Your Ref. No. Nil Dated: 13-03-23 (BS 1881-116)

Dated:

15-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-23 Tested on: 14-03-23 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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	F.F Columns (5000 Psi)	6	2	2023	6x6x6		8.2	36	107	6658		Non Engraved
2	F.F Columns (5000 Psi)	6	2	2023	6x6x6		8.6	36	110	6844		Non Engraved
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Witnessed by: Nil

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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> 4947 Dr. M. Yousaf

Test Specification

(BS 1881-116)

To: Mr. Zaheer Abbas

Our Ref. No. CL/CED/ 1453

Manager Construction, Beaconhouse School System. (BPS Private Ltd.)

Project: Construction of New Campus Ibne Sina at Valencia Town, Lahore.

Project. Constituction of New Campus ione on a at valencia Town, Lanore.

Your Ref. No. Nil Dated: 09-03-23

Dated:

15-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 14-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	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	G.F Slab (4000 Psi)	11	2	2023	6x6x6		8.2	36	78	4853		Non Engraved
2	G.F Slab (4000 Psi)	11	2	2023	6x6x6		8.8	36	73	4542		Non Engraved
3	G.F Slab (4000 Psi)	11	2	2023	6x6x6		8.6	36	70	4356		Non Engraved
4												
5						GINE	RINE					
6						READW	200	X				
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Witnessed by: Nil

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

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> 4916 Dr. M. Yousaf

To: Mr. Shoaib, (Assistant Engineer Civil UHE)

Our Ref. No. CL/CED/ 1454

M. SIDDIQUE SONS, BUILDING CONTRACTOR

Project: Business Incubation Center, UHE Lahore.

Your Ref. No. Dated: 08-03-23 (ASTM C39)

Dated:

15/3/2023

COMPRESSION TEST REPORT

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

8/03/2023 Tested on: Specimens received on: 14-03-23 in dry/wet condition



Test Specification

Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Ground Floor Column (4000 Psi)	10	2	2023	6Diax12		14	28.28	48	3802		Engraved
2	Ground Floor Column (4000 Psi)	10	2	2023	6Diax12		13.8	28.28	51	4040		Engraved
3												
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Witnessed by: Muhammad Bilal Iqbal, CNIC: 35201-8407566-5

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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ORIGINAL

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4936 Dr. M. Mazhar

Test Specification

To: Mr. Abdul Qadir Ali

Fateh Garh, Lahore Cantt.

Project: 80/81 L Model Town Ext Lahore.

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Our Ref. No. CL/CED/ 1455 Dated:

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

15/3/2023

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-23 Tested on: 15/3/2023 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	18	2	2023	6Diax12		13.4	28.28	55	4356		Non Engraved
2	3000 Psi	18	2	2023	6Diax12		13.2	28.28	47	3723		Non Engraved
3												
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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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4936 Dr. M. Mazhar

To: Mr. Abdul Qadir Ali

Fateh Garh, Lahore Cantt.

Project: 42A/C1 Gulberg III

Our Ref. No. CL/CED/ 1456 Dated: 15/3/2023 <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: 13-03-23 Tested on: 15/3/2023 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	2nd Floor Column (4500 Psi)	6	2	2023	6Diax12		13.6	28.28	81	6416		Non Engraved
2	2nd Floor Column (4500 Psi)	6	2	2023	6Diax12		13.4	28.28	81	6416		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

- 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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4936 Dr. M. Mazhar

Test Specification

To: Mr. Abdul Qadir Ali

Fateh Garh, Lahore Cantt.

Project: 42A/C1 Gulberg III

Our Ref. No. CL/CED/ 1457 Dated: 15/3/2023

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

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-23 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	5r. No. Mark*			Date*	Size	Wet 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	2nd Floor Lift (3000 Psi)	6	2	2023	6Diax12		13.2	28.28	53	4198		Non Engraved
2	2nd Floor Lift (3000 Psi)	6	2	2023	6Diax12		13.4	28.28	54	4277		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 comprerssive strength

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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.

> 4928 Dr. M. Yousaf

To: Mr. Muhammad Asif

Project Manager, Imperium Developer

Project: Construction of Sixty6 at Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 1458 Dated: 15/3/2023 <u>Test Specification</u>

Your Ref. No. IMP/PM/66/09/134 Dated: 08-03-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/03/2023 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MIM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	J. (70)	
1	6000 Psi	7	2	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
2	6000 Psi	7	2	2023	6Diax12		13	28.28	66	5228		Non Engraved
3												
4												
5					/	CTME	RINE					
6						MEADIN	200					
7						DE NIGE OF THY LORD WHO	- S					
8					SS		The seal	ONI				
9												
10						LA	HORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Muhammad Husnain, CNIC: 35202-6634387-3

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.



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.

> 4928 Dr. M. Yousaf

To: Mr. Muhammad Asif

Project Manager, Imperium Developer

Project: Construction of Sixty6 at Gulberg-III, Lahore.

 Our Ref. No. CL/CED/
 1459
 Dated:
 15/3/2023
 Test Specification

 Your Ref. No.
 IMP/PM/66/09/132
 Dated:
 01-03-23
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/03/2023 Tested on: 14-03-23 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	6000 Psi	9	1	2023	6Diax12		13	28.28	95	7525		Non Engraved
2												
3												
4												
5					/	GINE	RINE					
6						READW	200	X				
7						DE NAME OF THY LIGHT WHO	-ξ.) 30 7 m	F				
8					SE		The self					
9						-	-					
10					🤇	-LA	IORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Muhammad Husnain, CNIC: 35202-6634387-3

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.



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.

4931 Dr. M. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore.

 Our Ref. No. CL/CED/
 1460
 Dated:
 15/3/2023
 Test Specification

 Your Ref. No.
 49/SDO-22
 Dated:
 07-03-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	R.C.C. (1:2:4) Plinth Beam B.W	8	2	2023	6x6x6		8.4	36	100	6222		Non Engraved
2	R.C.C. (1:2:4) Plinth Beam B.W	8	2	2023	6x6x6		8.2	36	100	6222		Non Engraved
3	R.C.C. (1:2:4) Plinth Beam B.W	8	2	2023	6x6x6		8	36	90	5600		Non Engraved
4												
5					/	GINE	RINE					
6						READIN	200	X				
7						DE NICE OF THY LIDRO WHO	- E 7 -					
8					es							
9						<u></u>						
10					🤇	"-LA	IORE.					
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.



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.

4931 Dr. M. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore.

 Our Ref. No. CL/CED/
 1461
 Dated:
 15/3/2023
 Test Specification

 Your Ref. No.
 51/SDO-22
 Dated:
 09-03-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	Mark*	Castir	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	R.C.C. (1:1 1/2:3) R.C.C. Wall	10	2	2023	6x6x6		8.8	36	104	6471		Non Engraved
2	R.C.C. (1:1 1/2:3) R.C.C. Wall	10	2	2023	6x6x6		8.8	36	114	7093		Non Engraved
3	R.C.C. (1:1 1/2:3) R.C.C. Wall	10	2	2023	6x6x6		8.6	36	98	6098		Non Engraved
4												
5					/	GINE	RING					
6						READW	200	X				
7						DE NICE OF THY LORD WHO	- E 7 m					
8					es							
9),—		7				
10					🤇	LA	IOR E					
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.



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.

4931 Dr. M. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore.

 Our Ref. No. CL/CED/
 1462
 Dated:
 15/3/2023
 Test Specification

 Your Ref. No.
 46/SDO-22
 Dated:
 06-03-23
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 10/03/2023 Tested on: 15/3/2023 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	R.C.C. (1:2:4) Slab	6	2	2023	6x6x6		8.4	36	130	8089		Non Engraved
2	Slab R.C.C. (1:2:4) Slab	6	2	2023	6x6x6		8.2	36	112	6969		Non Engraved
3	Slab R.C.C. (1:2:4) Slab	6	2	2023	6x6x6		8.4	36	120	7467		Non Engraved
4												
5					/	GIVE	RINE			-		
6						READW	200	X				
7						DE NICLE OF THY LORD WHO	- E 7 m					
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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.



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.

4938 Dr. M. Mazhar

To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), Engineering Kinetics (Pvt) Ltd

Project: P-627 (Pioneer Cement) De-Sulphurization

Our Ref. No. CL/CED/ 1463

Jur Rei. No. CL/CED/ 1403

Your Ref. No. Nil Dated: 10-03-23

Dated:

15/3/2023

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 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	Ramp wall 2nd Step (4000 Psi) Ramp wall 2nd	14	2	2023	6x6x6		8.6	36	90	5600		Non Engraved
2	Ramp wall 2nd Step (4000 Psi)	14	2	2023	6x6x6		8.4	36	102	6347		Non Engraved
3												
4												
5						GINE	RINE					
6						READW	200	X				
7					A	DE NICE OF THY LORD WHO	- E 7 m					
8					S							
9),—		7				
10						LA	IOR .					
11												
12												
13												
14												
15												
16												
Witness												

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.



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.

4938 Dr. M. Mazhar

To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), Engineering Kinetics (Pvt) Ltd

Project: P-627 (Pioneer Cement) De-Sulphurization

Our Ref. No. CL/CED/ 1464

Your Ref. No. Dated: 10-03-23

Dated:

15/3/2023 **Test Specification** (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	No. Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	F01 Pad Panel 4, 5, 6 (3000 Psi)	16	2	2023	6x6x6		8.6	36	106	6596		Non Engraved
2	F01 Pad Panel 4, 5, 6 (3000 Psi)	16	2	2023	6x6x6		8.6	36	104	6471		Non Engraved
3												
4												
5						CINE	RINA					
6						READ IN	200	X				
7						DHE NIGGE OF THY LIDRO WHO	1999	EB				
8					00 EE			INO.				
9												
10						-LA	HORE.					
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.



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

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

4938 Dr. M. Mazhar

To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), Engineering Kinetics (Pvt) Ltd

Project: P-627 (Pioneer Cement) De-Sulphurization

Our Ref. No. CL/CED/ 1465

Your Ref. No. Nil Dated: 10-03-23

Dated:

15/3/2023

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F01 Pad Panel 1, 2, 3 (3000 Psi)	13	2	2023	6x6x6		8.4	36	92	5724		Non Engraved
2	F01 Pad Panel 1, 2, 3 (3000 Psi)	13	2	2023	6x6x6		8.4	36	75	4667		Non Engraved
3												
4												
5						CTME	RINE					
6						READIN	200					
7						DHE NIGGE OF THY LIDRO WHO	199	EB -				
8												
9						<u></u>						
10					<	"- LA	HORE.					
11							-					
12												
13												
14												
15												
16												
Witness	and 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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

4932 Dr. M. Mazhar

To: Sub Divisional Officer

Your Ref. No.

Buildings Sub Division, Bhera

Project: Construction of PHP Post & Mobile School at Beer Baran (Bhera Dhori Road) Tehsil Bhera District

Sargodha. (Boundary Wall)

Our Ref. No. CL/CED/ 1466

188/BER

Dated: 15/3/2023

Test Specification

Dated: 03-02-23

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MIN	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	(,,,	
1	RCC (1:4:8) Footing of Column RCC (1:4:8)	15	2	2023	6x6x6		7.2	36	33	2053		Engraved
2	RCC (1:4:8) Footing of Column RCC (1:4:8)	15	2	2023	6x6x6		7	36	39	2427		Engraved
3	RCC (1:4:8) Footing of Column	15	2	2023	6x6x6		6.8	36	37	2302		Engraved
4												
5						CEINE	RINA					
6						READIN	200					
7						DHE NIGGE OF THY LORD WHO	19.					
8												
9							7	7				
10					🤇	"-LA	HORE.					
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.



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.

4932 Dr. M. Mazhar

To: Sub Divisional Officer

Your Ref. No.

Buildings Sub Division, Bhera

Project: Construction of PHP Post & Mobile School at Beer Baran (Bhera Dhori Road) Tehsil Bhera District

Sargodha. (Boundary Wall)

Our Ref. No. CL/CED/ 1467

186/BER

Dated: 15/3/2023

Test Specification
(ASTM C39)

Dated: 03-02-23

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	RCC (1:1 1/2:3) Footings of Col.	18	2	2023	6x6x6		8.2	36	69	4293		Engraved
2	RCC (1:1 1/2:3) Footings of Col. RCC (1:1 1/2:3)	18	2	2023	6x6x6		8.6	36	73	4542		Engraved
3	RCC (1:1 1/2:3) Footings of Col.	18	2	2023	6x6x6		8.4	36	73	4542		Engraved
4												
5						CEINE	RINE					
6						READIN		X				
7						DHE NIGGE OF THY LORD WHO	19.	===				
8					S							
9),—	- 6	7				
10					<	"-LA	HORE.					
11												
12												
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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.



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.

4941 Dr. M. Mazhar

To: Metropolitan Officer (I&S)

Metropolitan Corporation, Sialkot

Project: Construction of Street Ihsan Sports Wali and Link Streets, Muhallah Shah Abad, Haji Pura Road

Union Council Haji Pura

Our Ref. No. CL/CED/ 1468 Dated: 15/3/2023

Your Ref. No. MCS/Infra/Works/67 Dated: 01-03-23

Test Specification

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Uni-Block Grey 60 mm				2.3" Thick		3450	36.39	174	10711		
2	mm Uni-Block Grey 60 mm				2.3" Thick		3445	36.39	180	11080		
3												
4												
5					/	CEINE	ERINA					
6						READ W						
7						DE THY LIDRO WHO	- F	=				
8					es			INO.				
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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 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.



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.

4941 Dr. M. Mazhar

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To: Metropolitan Officer (I&S)

Metropolitan Corporation, Sialkot

Project: Construction of Streets Sadique Bage Wali and Link Streets Ahmed Nagar Bonga U-C Pindi

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Our Ref. No. CL/CED/ 1469 Dated: 15/3/2023 <u>Test Specification</u>

Your Ref. No. MCS/Infra/Works/68 Dated: 01-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 in dry/wet condition



Sr. No.	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Uni-Block Grey 60 mm Uni-Block Grey 60				2.3" Thick		3405	36.39	190	11696		
2	Uni-Block Grey 60 mm				2.3" Thick		3420	36.39	194	11942		
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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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- 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.



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.

4941 Dr. M. Mazhar

To: Metropolitan Officer (I&S)

Metropolitan Corporation, Sialkot

Project: Construction of Street Shehbaz Wali Bao Shamas Wali, Arshad Wali and Link Streets Muhallah Lal

Pura Sialkot.

Our Ref. No. CL/CED/ 1470 Dated: 15/3/2023 <u>Test Specification</u>

Your Ref. No. MCS/Infra/Works/69 Dated: 01-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 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	Uni-Block Grey 60 mm				2.3" Thick		3515	36.39	154	9480		
2	mm Uni-Block Grey 60 mm				2.3" Thick		3305	36.39	194	11942		
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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 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.



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.

4941 Dr. M. Mazhar

To: Metropolitan Officer (I&S)

Metropolitan Corporation, Sialkot

Project: Construction of Path Shehzad Numberdar Wala and Link Streets UC Talwara Mughlan

Our Ref. No. CL/CED/ 1471 Dated: 15/3/2023 <u>Test Specification</u>

Your Ref. No. MCS/Infra/Works/70 Dated: 01-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 13/03/2023 Tested on: 15/3/2023 in dry/wet condition



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Sr. No.	Mark*		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Uni-Block Grey 60 mm	 		2.3" Thick		3395	36.39	192	11819		
2	Uni-Block Grey 60 mm	 		2.3" Thick		3435	36.39	200	12311		
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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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