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1 Salar		Civil Engineering De	the report has been retained in	
		University of Engineering and Techno	logy, Lahore. Pakistan	the lab for recor
		Landline: 042-99029245 & 042-99029202	Mobile: 0307-0496895	
				9490 Dr. M. Marka
To:	M. Sale	em Construction Company		Dr. M. Mazna

Engineers & Contractors, Opposite Usman C.N.G, Lahore Road, Sheikhupura.

Project: Construction of Bridges at Garments Unit.

Our Ref. No. CL/CED/ 8445	Dated:	04/06/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specime	ens received on:	23/05/2025			Tested on:	04/06	6/2025	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas DD	ting MM	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	Footing (1:1.5:3)	25	10	2024	6Diax12		13.8	28.28	80	6337		Non Engraved
2	Footing (1:1.5:3)	25	10	2024	6Diax12		13.6	28.28	70	5545		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

 $\underline{\textbf{Note:}}$  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.

	THEFT AND	Plain and Reinforced Concrete Labora	ry <u>ORIGINAL</u> A carbon copy f
Civil Engineering Department the report been retain		Civil Engineering Department	the report has been retained
University of Engineering and Technology, Lahore. Pakistan the lab for r	CANUR	University of Engineering and Technology, Lahore. Pakistan	the lab for reco
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895		Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895	
9490 Dr. M. Ma			9490 Dr. M. Mazh
To: M. Saleem Construction Company	To: M. Salee	Saleem Construction Company	

Engineers & Contractors, Opposite Usman C.N.G, Lahore Road, Sheikhupura.

Project: Construction of Bridges at Garments Unit. Our Ref. No. CL/CED/ 8446 Dated: 04/06/2025

Your Ref. No. Nil

# **COMPRESSION TEST REPORT**

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

Specime	ens received on:	23	8/05/2	2025	Tested on:	04/06	6/2025	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Slab (1:1.5:3)	8	2	2025	6Diax12		13.6	28.28	62	4911		Non Engraved
2	Slab (1:1.5:3)	8	2	2025	6Diax12		13.6	28.28	83	6574		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.

### **Director/Dy. Director Concrete Laboratory**

Test Specification

(ASTM C39)

Nil

Dated:

	Plain and Reinforced Concrete Laboration	A carbon copy for
	<b>Civil Engineering Department</b> University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895	the report has been retained in the lab for record
To: M. Sale	em Construction Company	9490 Dr. M. Mazha

Engineers & Contractors, Opposite Usman C.N.G, Lahore Road, Sheikhupura.

Project: Construction of Bridges at Garments Unit.

Our Ref. No. CL/CED/ 8447	Dated:	04/06/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	23	8/05/2	2025	Tested on:	04/06	6/2025	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Column (1:1.5:3)	8	11	2024	6Diax12		13.4	28.28	55	4356		Non Engraved
2	Column (1:1.5:3)	8	11	2024	6Diax12		13.2	28.28	41	3248		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

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

 $\underline{\textbf{Note:}}$  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

9527 Dr. M. Mazhar

To: **Minhas Construction Contractor** Faisal Hill, Taxila.

Project: HVAC PL	ANT ROOM			
Our Ref. No. CL/C	ED/ 8448	Dated:	04/06/2025	Test Specification
Your Ref. No.	MCC/CFL/025	Dated:	29/5/2025	( ASTM C39 )

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	2	9/5/2	025	Tested on:	04/06	6/2025	in dry/wet condition			Ë	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Columns (4000 Psi)	18	5	2025	(III) 6Diax12	(Kg/ gins)	(Kg/ gills) 13	(3q. iii) 28.28	(IIIIp. I OIIS) 38	(psi) 3010		Non Engraved
2	Columns (4000 Psi)	18	5	2025	6Diax12		13.2	28.28	44	3485		Non Engraved
3	Columns (4000 Psi)	18	5	2025	6Diax12		13.4	28.28	40	3168		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)

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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

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: Mr. Nouman Anwer

Supply Chain Manager Zarea Limited

Project: Construction of House #103 Fazil Road Lahore Cantt.

Our Ref. No. CL/CED/ 8449	Dated:	04/06/2025	Test Specification
Your Ref. No. Fazil/103/06/270	Dated:	02/06/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	pecimens received on: 03/06/2025 Tested on: 04/06/2025 in dry/wet condition							Ċ	jester			
Sr. No.	Mark*	Cas DD	ting MM	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	Columns (4000 Psi)	28	4	2025	6Diax12		13.6	28.28	52	4119		Non Engraved
2	Columns (4000 Psi)	28	4	2025	6Diax12		13.2	28.28	50	3960		Non Engraved
3	Columns (4000 Psi)	28	4	2025	6Diax12		13.2	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/

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.



Dated:

Dated:

04/06/2025

30/5/2025

Test Specification

(ASTM C39)

SUNSHINE HEALTH CARE Private Limited

Project: SUNSHINE MEDICAL TOWER SHAHDRA

Your Ref. No. Nil

# **COMPRESSION TEST REPORT**

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

Specimens received on:		30/5/2025		025	Tested on:	04/06/2025		in dry/wet condition				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Wall Water Dipped	4	5	2025	6Diax12		13.6	28.28	60	4752		Engraved
2	Wall Water Dipped	4	5	2025	6Diax12		14	28.28	77	6099		Engraved
3	Wall Field Curing	4	5	2025	6Diax12		14	28.28	83	6574		Engraved
4	Wall Field Curing	4	5	2025	6Diax12		13	28.28	95	7525		Engraved
5	Wall Water Dipped	10	5	2025	6Diax12	GINE	13.4	28.28	77	6099		Engraved
6	Wall Water Dipped	10	5	2025	6Diax12	READ IN	-13	28.28	85	6733		Engraved
7	Wall Field Curing	10	5	2025	6Diax12	CONTINUE CON	-13.6	28.28	100	7921		Engraved
8	Wall Field Curing	10	5	2025	6Dia <mark>x12</mark>		13.4	28.28	81	6416		Engraved
9	Slab Water Dipped	23	5	2025	6Diax12		14	28.28	70	5545		Engraved
10	Slab Water Dipped	23	5	2025	6Diax12	-LA	13.8	28.28	58	4594		Engraved
11	Slab Field Curing	23	5	2025	6Diax12		14	28.28	79	6257		Engraved
12	Slab Field Curing	23	5	2025	6Diax12		14	28.28	64	5069		Engraved
13												
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Witness	ed by:											

#### Vitnessea 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.



9569 Dr. M. Mazhar

#### To: Sub Divisional Officer **Bhalwal Canal Sub Division At Sargodha**

Project: Concrete Lining of RATTOKALA Disty From RD 40+000 To 71+500 & RD 79+500 To 82+066 Tail

Our Ref. No. CL/	CED/ 8451	Dated:	04/06/2025	Test Specification
Your Ref. No.	No. 1043	Dated:	26/5/2025	( BS 1881-116 )

# **COMPRESSION TEST REPORT**

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

Specimens received on:		03/05/2025		2025	Tested on:	04/06/2025		in dry/wet condition			Ü	j2.38895
Sr. No.	Mark*	Cas	ting	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load (Imp Tons)	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	70+000 to 71+500 (1·2·4)	19	5	2025	6x6x6		8	36	101	6284		Non Engraved
2	70+000 to 71+500 (1:2:4)	19	5	2025	6x6x6		8.2	36	95	5911		Non Engraved
3	70+000 to 71+500 (1:2:4)	19	5	2025	6x6x6		8	36	90	5600		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.





9569 Dr. M. Mazhar

#### To: Sub Divisional Officer **Bhalwal Canal Sub Division At Sargodha**

Project: Concrete Lining of RATTOKALA Disty From RD 40+000 To 71+500 & RD 79+500 To 82+066 Tail

Our Ref. No. CL/	CED/ 8452	Dated:	04/06/2025	Test Specification
Your Ref. No.	No. 1038	Dated:	26/5/2025	( BS 1881-116 )

# **COMPRESSION TEST REPORT**

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

Specimens received on:		03/05/2025		2025	Tested on:	04/06/2025		in dry/wet condition			Ü	jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	67+000 to 68+000 (1·2·4)	4	5	2025	6x6x6		(rtg/ giii3) 8	36	68	4231		Non Engraved
2	67+000 to 68+000 (1:2:4)	4	5	2025	6x6x6		8	36	76	4729		Non Engraved
3	67+000 to 68+000 (1:2:4)	4	5	2025	6x6x6		8	36	64	3982		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.



9569 Dr. M. Mazhar

#### To: Sub Divisional Officer **Bhalwal Canal Sub Division At Sargodha**

Project: Concrete Lining of RATTOKALA Disty From RD 40+000 To 71+500 & RD 79+500 To 82+066 Tail

Our Ref. No. CL/	CED/ 8453	Dated:	04/06/2025	Test Specification
Your Ref. No.	No. 1042	Dated:	26/5/2025	( BS 1881-116 )

# **COMPRESSION TEST REPORT**

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

Specimens received on:		03/05/2025		2025	Tested on:	04/06	6/2025	in dry/wet condition		Ü	j2.38895	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	69+000 to 70+000	17	5	2025	6x6x6	(rtg/ gills) 	(rtg/ gills) 8	36	109	(psi) 6782		Non Engraved
2	(1:2:4) 69+000 to 70+000 (1:2:4)	17	5	2025	6x6x6		8	36	93	5787		Non Engraved
3	69+000 to 70+000 (1:2:4)	17	5	2025	6x6x6		7.8	36	87	5413		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.





9569 Dr. M. Mazhar

#### To: Sub Divisional Officer **Bhalwal Canal Sub Division At Sargodha**

Project: Concrete Lining of RATTOKALA Disty From RD 40+000 To 71+500 & RD 79+500 To 82+066 Tail

Our Ref. No. CL/	CED/ 8454	Dated:	04/06/2025	Test Specification
Your Ref. No.	No. 1040	Dated:	26/5/2025	( BS 1881-116 )

# **COMPRESSION TEST REPORT**

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

Specimens received on:		03/05/2025		2025	Tested on:	04/06/2025		in dry/wet condition			Ü	jester
Sr. No.	Mark*	Cas	ting	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	68+000 to 69+000 (1:2:4)	13	5	2025	6x6x6		8.2	36	105	6533		Non Engraved
2	68+000 to 69+000 (1:2:4)	13	5	2025	6x6x6		8.2	36	79	4916		Non Engraved
3	68+000 to 69+000 (1:2:4)	13	5	2025	6x6x6		9	36	50	3111		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.



9569 Dr. M. Mazhar

#### To: Sub Divisional Officer **Bhalwal Canal Sub Division At Sargodha**

Project: Concrete Lining of RATTOKALA Disty From RD 40+000 To 71+500 & RD 79+500 To 82+066 Tail

Our Ref. No. CL/	CED/ 8455	Dated:	04/06/2025	Test Specification
Your Ref. No.	No. 1037	Dated:	26/5/2025	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimens received on:		03	8/05/2	2025	Tested on:	04/06	6/2025	in dry/wet condition			Ö		
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks	
1	66+500 to 67+000	26	4	2025	6x6x6		(rtg/ gills) 8	36	68	(p31) 4231		Non Engraved	
2	(1:2:4) 66+500 to 67+000 (1:2:4)	26	4	2025	6x6x6		8	36	107	6658		Non Engraved	
3	66+500 to 67+000 (1:2:4)	26	4	2025	6x6x6		8	36	91	5662		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.

A LINE AND A	Plain and Reinforced Control Civil Engineering De University of Engineering and Technol Landline: 042-99029245 & 042-99029202	Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895							
То:	Mr. Manzoor Ahmad Joya Resident Engineer, NESPAK (Pvt) Ltd			9529 Dr. M. Mazhar					
	Project: Establishment of Labour Colony at Quaid-e-Aza Sheikhupura; Construction of Bachelors Hostel (Contra Our Ref. No. CL/CED/ 8456	m Business Park, M2-Mo ct Package-A) Dated:	torway, District 04/06/2025	Test Specification					
	Your Ref. No. 3844/311/RE/139	Dated:	27/5/2025	(ASTM C39)					

# **COMPRESSION TEST REPORT**



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

Specimens received on:		29/5/2025		025	Tested on:	04/06/2025		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	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	A 18	30	4	2025	6Diax12		13.6	28.28	54	4277		Non Engraved
2	A 18	30	4	2025	6Diax12		13.6	28.28	52	4119		Non Engraved
3	A 18	30	4	2025	6Diax12		13.4	28.28	60	4752		Non Engraved
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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.



9536 Dr. M. Mazhar

#### To: Assistant Executive Engineer Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/0	CED/ 8457	Dated:	04/06/2025	Test Specification
Your Ref. No.	AEE/CCD-I/LHR/238	Dated:	15/7/2024	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	2	9/5/2	025	Tested on:	04/06	6/2025	2025 in dry/wet condition			jesteg	
Sr. No.	Mark*	Cas DD	ting MM	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	RCC Column G/F	14	6	2024	6x6x6		8.6	36	52	3236		Non Engraved
2	RCC Column G/F	14	6	2024	6x6x6		8.4	36	70	4356		Non Engraved
3	RCC Column G/F	14	6	2024	6x6x6		8	36	75	4667		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.



9536 Dr. M. Mazhar

#### To: Assistant Executive Engineer Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/0	ED/ 8458	Dated:	04/06/2025	Test Specification
Your Ref. No.	AEE/CCD-I/LHR/246	Dated:	24/7/2024	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimens received on:		2	29/5/2025 T		Tested on:	04/06/2025		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	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	RCC Slab G/F	23	6	2024	6x6x6		9	36	95	5911		Non Engraved
2	RCC Slab G/F	23	6	2024	6x6x6		8.8	36	68	4231		Non Engraved
3	RCC Slab G/F	23	6	2024	6x6x6		8.8	36	84	5227		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

3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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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.



9536 Dr. M. Mazhar

#### To: Assistant Executive Engineer Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/0	CED/ 8459	Dated:	04/06/2025	Test Specification
Your Ref. No.	AEE/CCD-I/LHR/246	Dated:	24/7/2024	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimens received on:			29/5/2025		Tested on:	04/06/2025		in dry/wet condition			i canada		
Sr. No.	Mark*	Cas DD	ting MM	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	RCC Column F/F	23	6	2024	6x6x6		8.8	36	83	5164		Non Engraved	
2	RCC Column F/F	23	6	2024	6x6x6		8	36	52	3236		Non Engraved	
3	RCC Column F/F	23	6	2024	6x6x6		8.8	36	60	3733		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.





9536 Dr. M. Mazhar

#### To: Assistant Executive Engineer Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/C	ED/ 8460	Dated:	04/06/2025	Test Specification
Your Ref. No.	AEE/CCD-I/LHR/246	Dated:	24/7/2024	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimens received on:		29/5/2025		025	Tested on:	04/06/2025		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	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	RCC Footing	23	6	2024	6x6x6		9	36	72	4480		Non Engraved
2	RCC Footing	23	6	2024	6x6x6		8.4	36	76	4729		Non Engraved
3	RCC Footing	23	6	2024	6x6x6		8.6	36	81	5040		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.



9536 Dr. M. Mazhar

#### To: Assistant Executive Engineer Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/0	CED/ 8461	Dated:	04/06/2025	Test Specification
Your Ref. No.	AEE/CCD-I/LHR/246	Dated:	24/7/2024	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimens received on:		29	29/5/2025		Tested on:	04/06/2025		in dry/wet condition					
Sr. No.	Mark*	Cas DD	ting MM	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	RCC Slab F/F	21	6	2024	6x6x6		9	36	105	6533		Non Engraved	
2	RCC Slab F/F	21	6	2024	6x6x6		8.8	36	83	5164		Non Engraved	
3	RCC Slab F/F	21	6	2024	6x6x6		9	36	66	4107		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.



9536 Dr. M. Mazhar

#### To: Assistant Executive Engineer Central Civil Division No. 1, PAK PWD, Lahore

Project: Construction of Hajj Complex, Lahore (SH: Training Auditorium)

Our Ref. No. CL/C	CED/ 8462	Dated:	04/06/2025	Test Specification
Your Ref. No.	AEE/CCD-I/LHR/246	Dated:	24/7/2024	(BS 1881-116)

# **COMPRESSION TEST REPORT**

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

Specimens received on:		29/5/2025		025	Tested on:	04/06/2025		in dry/wet condition				jesteg
Sr. No.	Mark*	Cas DD	ting MM	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 Column in Foundation	21	6	2024	6x6x6		9	36	77	4791		Non Engraved
2	RCC Column in Foundation	21	6	2024	6x6x6		8.8	36	83	5164		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

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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.



9576 Dr. M. Mazhar

To: Mr. Abid Hussain

Quality Control Engineer, MODELO DEVELOPERS (PVT) LTD

Project: 44-A Lahore Cantt.	Project: 44-A Lahore Cantt.									
Our Ref. No. CL/CED/ 8463	Dated:	04/06/2025	Test Specification							
Your Ref. No. Nil	Dated:	04/06/2025	( BS 1881-116 )							

# **COMPRESSION TEST REPORT**

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

Specime	ens received on:	04/06/2025		2025	Tested on:	04/06/2025		in dry/we	ONLINE REPORT			
Sr. No.	Mark*	Cas DD	ting MM	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 Raft Conc. (3000 Psi)	27	5	2025	6x6x6		8.2	36	64	3982		Non Engraved
2	Basement Raft Conc. (3000 Psi)	27	5	2025	6x6x6		8.2	36	66	4107		Non Engraved
3	Basement Raft Conc. (3000 Psi)	27	5	2025	6x6x6		8.2	36	62	3858		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)

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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.



# 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.

9566 Dr. M. Mazhar

To: **Radiant Construction Technologies LLP** Sustainable Solutions

Project: Nil				
Our Ref. No. CL/C	ED/ 8464	Dated:	04/06/2025	Test Specification
Your Ref. No.	Nil	Dated:	03/06/2025	( )

# **COMPRESSION TEST REPORT**

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

Specimens received on:		03	8/06/2	2025	Tested on:	04/06	6/2025	in dry/wet	t condition		Ö	iesteri
Sr. No.	Mark*	Cas DD	ting MM	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	ConTile Grout	26	5	2024	2x2x2		230	4	5	2800		Non Engraved
2	ConTile Grout	26	5	2024	2x2x2		235	4	4.5	2520		Non Engraved
3	ConTile Grout	26	5	2024	2x2x2		230	4	4	2240		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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# 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.

9560 Dr. Qasim Khan

#### To: ENGR. NADEEM MAHMOOD CIVIL & URBAN ENGINEERS, 475-G, Johar Town, Opp. Lacas School, Lahore.

Project: Fast Developers International (FDI) at FIEMDC, Faisalabad.

Our Ref. No. CL/CED/ 8465	Dated:	04/06/2025	Test Specification
Your Ref. No. Nil	Dated:	02/06/2025	( )

# **COMPRESSION TEST REPORT**

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

Specimens received on:		03/06/2025		2025	Tested on:	04/06/2025		in dry/wet condition				
Sr. No.	Mark*	Cas	ting	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey,				7.8x3.8x2.3		2715	29.64	105	7935		Power Pack
2	Rectangular, Grey, 60mm				7.8x3.8x2.3		2620	29.64	112	8464		Power Pack
3	Rectangular, Grey, 60mm				7.8x3.8x2.4		2815	29.64	102	7709		Rehman
4	Rectangular, Grey, 60mm				7.8x3.8x2.4		2720	29.64	101	7633		Rehman
5	Rectangular, Grey, 60mm				7.8x3.8x2.4	CINE	2880	29.64	102	7709		Punjab Prisons
6	Rectangular, Grey, 60mm				7.8x3.8x2.4	READIN	2770	29.64	110	8313		Punjab Prisons
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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

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.