

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.

> 6906 Dr. Umbreen

To: Mr. Mohsin Farooq Khokhar

A/PE (Civil), DHA Maintenance Branch (A) Office A-11, Office Phase-I Lahore Cantt. Project: Uplifting of Parking Areas of Sec G Masjid Ph-V and Filtration Plants Ph I-V DHA Lahore. (Supply by M/S Banu Mukhtar) Our Ref. No. CL/CED/ 4489 Dated: 21-03-24 **Test Specification** Your Ref. No. Lab/Tuff Pavers/Maint Dated: 20-03-24

COMPRESSION TEST REPORT



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

Specimens received on:		21-03-24		-24	Tested on:	ted on: 21-03-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2785	29.64	137	10354		
2	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2840	29.64	148	11185		
3	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2715	29.64	123	9296		
4	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2815	29.64	180	13603		
5	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4	NHINE	2805	29.64	162	12243		
6	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4	READIN	2795	29.64	117	8842		
7	Rectangular (Citi), Grey, 60mm				7.8 x 3. <mark>8 x 2.4</mark>	OF THY HORD WHO OREATES	2775	29.64	125	9447		
8	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2835	29.64	150	11336		
9	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4	-	2730	29.64	162	12243		
10	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2770	29.64	142	10731		
11	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2855	29.64	127	9598		
12	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2755	29.64	138	10429		
13	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2825	29.64	150	11336		
14	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2830	29.64	138	10429		
15	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2775	29.64	170	12848		
16	Rectangular (Citi), Grey, 60mm				7.8 x 3.8 x 2.4		2830	29.64	138	10429		
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)

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.



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> 6883 Dr. Umbreen

To: Mr. Hafiz Muhammad Saad PMP, Project Manager, 7 Canal Developers

Project: Construction of 7 Canal Residential Apartment Building.

Our Ref. No. CL/CED/ 4490	Dated:	21-03-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		18-03-24 Tested on:			Tested on:	21-03-24 i		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		25	2	2024	6Diax12		16	28.28	48	3802		Non Engraved
2		25	2	2024	6Diax12		15.6	28.28	40	3168		Non Engraved
3		25	2	2024	6Diax12		13.4	28.28	42	3327		Non Engraved
4		25	2	2024	6Diax12		13.4	28.28	40	3168		Non Engraved
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Witness	Witnessed by: Nil											

Witnessed by: Nil

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Supervisor (Lab)



Civil Engineering Department

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

6884 Dr. Ubaid

To: Sub Divisional Officer

Building Sub Division No.17, GOR-I, Lahore.

Project: Construction of Balance Work "Punjab Small Industries Corporation House", Davis Road Lahore.

Our Ref. No. CL/	CED/ 4491	Dated:	21-03-24	Test Specification
Your Ref. No.	Endst:1073	Dated:	14-03-24	(ASTM C39)

COMPRESSION TEST REPORT



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

			-24	Tested on:	21-0)3-24	in dry/wet condition			ONLINE REPORT	
Mark*		-		Size (in)	Wet Weight (Kg/ gms)			load	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
C5	1	3	2024	6Diax12		12.4	28.28	30	2376		Engraved
C6	2	3	2024	6Diax12		13	28.28	31	2455		Non Engraved
C8	3	3	2024	6Diax12		13	28.28	42	3327		Non Engraved
C9	5	3	2024	6Diax12		13.6	28.28	31	2455		Engraved
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	C5 C6 C8 C9 	Mark* DD C5 1 C6 2 C8 3 C9 5	Mark* DD MM C5 1 3 C6 2 3 C6 2 3 C8 3 3 C9 5 3	DD MM YYYY C5 1 3 2024 C6 2 3 2024 C8 3 3 2024 C9 5 3 2024	Mark* DD MM YYYY (in) C5 1 3 2024 6Diax12 C6 2 3 2024 6Diax12 C8 3 3 2024 6Diax12 C9 5 3 2024 6Diax12	Mark* Casting Date* Size Weight (Kg/gms) C5 1 3 2024 6Diax12 C6 2 3 2024 6Diax12 C6 2 3 2024 6Diax12 C6 2 3 2024 6Diax12 C8 3 3 2024 6Diax12 C9 5 3 2024 6Diax12	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) C5 1 3 2024 6Diax12 12.4 C6 2 3 2024 6Diax12 13 C8 3 3 2024 6Diax12 13 C9 5 3 2024 6Diax12 13.6 13.6 13.6 13.6 13.6 13.6 13.6	Mark* Casting Date* Size Weight Weight (Kg/gms) Weight (Kg/gms) X-Section (Kg/gms) C5 1 3 2024 6Diax12 12.4 28.28 C6 2 3 2024 6Diax12 13 28.28 C6 2 3 2024 6Diax12 13 28.28 C8 3 3 2024 6Diax12 13.6 28.28 C9 5 3 2024 6Diax12 13.6 28.28 13.6 28.28	Mark* Casting Date* Size Weight Weight X-Section load DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) C5 1 3 2024 6Diax12 12.4 28.28 30 C6 2 3 2024 6Diax12 13 28.28 31 C8 3 3 2024 6Diax12 13.6 28.28 31 C9 5 3 2024 6Diax12 13.6 28.28 31 13.6 28.28 31 <td< td=""><td>Mark* Casting Date* Size Weight Weight X-Section (Sq. in) Ioad (Imp.Tons) Stress (psi) C5 1 3 2024 6Diax12 12.4 28.28 30 2376 C6 2 3 2024 6Diax12 13 28.28 31 2455 C8 3 3 2024 6Diax12 13 28.28 42 3327 C9 5 3 2024 6Diax12 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq.in) load Ioad Stress Absorption (mp.Tons) Absorption (mp.Tons) C5 1 3 2024 6Diax12 12.4 28.28 30 2376 C6 2 3 2024 6Diax12 13 28.28 31 2455 C8 3 3 2024 6Diax12 13 28.28 31 2455 C9 5 3 2024 6Diax12 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 </td></td></td<>	Mark* Casting Date* Size Weight Weight X-Section (Sq. in) Ioad (Imp.Tons) Stress (psi) C5 1 3 2024 6Diax12 12.4 28.28 30 2376 C6 2 3 2024 6Diax12 13 28.28 31 2455 C8 3 3 2024 6Diax12 13 28.28 42 3327 C9 5 3 2024 6Diax12 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq.in) load Ioad Stress Absorption (mp.Tons) Absorption (mp.Tons) C5 1 3 2024 6Diax12 12.4 28.28 30 2376 C6 2 3 2024 6Diax12 13 28.28 31 2455 C8 3 3 2024 6Diax12 13 28.28 31 2455 C9 5 3 2024 6Diax12 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 </td>	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq.in) load Ioad Stress Absorption (mp.Tons) Absorption (mp.Tons) C5 1 3 2024 6Diax12 12.4 28.28 30 2376 C6 2 3 2024 6Diax12 13 28.28 31 2455 C8 3 3 2024 6Diax12 13 28.28 31 2455 C9 5 3 2024 6Diax12 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455 13.6 28.28 31 2455

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

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

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Civil Engineering Department

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6882 Dr. Ubaid

To: Engr. M. Abrar Ahmad

M.Sc. Structural Engineer, Abrar Ahmad Associates.

Project: Construction of 49-Ghaznavi Comm. Bahria Town Lahore.

Our Ref. No. CL/CED/ 4492	Dated:	21-03-24	Test Specification
Your Ref. No. Nil	Dated:	18-03-24	(ASTM C39)

COMPRESSION TEST REPORT



Specimens received on:		1	18-03-24 Tested of			21-0)3-24	in dry/wet condition				ONLINE REPORT		
Sr. No.	Mark*	Cas DD	-	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	2nd Floor Slab	9	3	2024	6Diax12		13.4	28.28	20	1584		Engraved		
2	2nd Floor Slab	9	3	2024	6Diax12		13	28.28	20	1584		Engraved		
3	2nd Floor Slab	9	3	2024	6Diax12		14	28.28	20	1584		Engraved		
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16														
Witness	od by: Nil		Witnessed by: Nil											

Witnessed by: Nil

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.

> 6887 Dr. Ubaid

To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt.) Ltd.

Project: MCL-Projects: Rehabilitation of Main Road and Nallah Khotli Ghassi UC-143 Wahga Zone Lahore.

Our Ref. No. CL	/CED/ 4493	Dated:	21-03-24	Test Specification
Your Ref. No.	4084/103/MUR/104/1816	Dated:	15-03-24	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	9-03	-24	Tested on:	21-0)3-24	in dry/wet condition		ONLINE REPORT		
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		15	2	2024	6x6x6		8.6	36	75	4667		Non Engraved
2		15	2	2024	6x6x6		8.6	36	45	2800		Non Engraved
3		15	2	2024	6x6x6		9	36	100	6222		Non Engraved
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Witnessed by: Nil												

witnessea by: Nii

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

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Supervisor (Lab)



Civil Engineering Department

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6888 Dr. Ubaid

To: Mr. Muazzam Shoukat

Muhammad Younis Construction Company

Project: Construction of House No. 184-D, DHA Phase 8-Ex Park View

Our Ref. No. CL/CED/ 4494	Dated:	21-03-24	Test Specification
Your Ref. No. Nil	Dated:	19-03-24	(BS 1881-116)

COMPRESSION TEST REPORT



Specimens received on:		1	9-03	-24	Tested on:	21-03-24		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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	Basement Wall (5000 Psi)	2	3	2024	6x6x6		9.2	36	122	7591		Non Engraved
2	Basement Wall (5000 Psi)	2	3	2024	6x6x6		9.2	36	95	5911		Non Engraved
3	Basement Wall (5000 Psi)	2	3	2024	6x6x6		9.2	36	64	3982		Non Engraved
4	Basement Wall (5000 Psi)	2	3	2024	6x6x6		8.8	36	108	6720		Non Engraved
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Witness	ed by: Nil											

Witnessed by: Nil

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