

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 105	Dated:	20/10/2022	Test Specification
Your Ref. No. IMP/PM/66/09/06	Dated:	17/10/2022	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	Specimens received on: 17/10/2022 Tested on: 19/10/2022 in dry/wet condition			Ē	ies de la							
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 (%)	
1	Columns (6000 Psi)	13	9	2022	6Diax12		14.2	28.28	94	7446		Non Engraved
2	Columns (6000 Psi)	13	9	2022	6Diax12		14.2	28.28	100	7921		Non Engraved
3	Columns (6000 Psi)	17	9	2022	6Diax12		14.2	28.28	105	8317		Non Engraved
4	Columns (6000 Psi)	17	9	2022	6Diax12		14.6	28.28	105	8317		Non Engraved
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Witness	Witnessed by: Mr. Najam Sohail, Representative Imperium Developers											

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

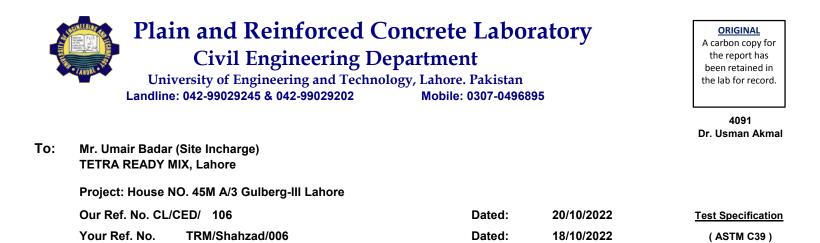
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

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





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

Specim	ens received on:	18	6/10/2	2022	Tested on:	19/10	)/2022	in dry/we	t condition			ie de la companya de
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	4500 Psi	9	10	2022	6Diax12		13.8	28.28	53	4198		Non Engraved
2	4500 Psi	9	10	2022	6Diax12		13.6	28.28	48	3802		Non Engraved
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Witness	ed by: Mr. Shahza	ad As	sgha	r								

## Witnessed by: Mr. Shahzad Asghar

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

1. \* as engraved on the specimens (if any)

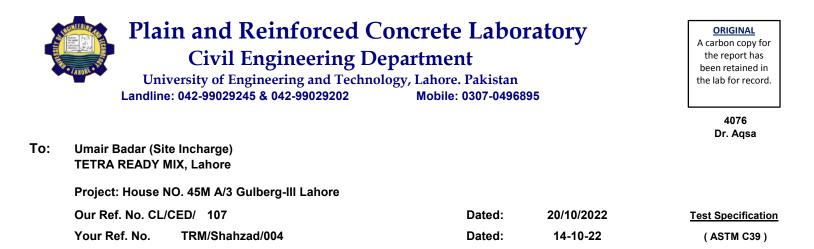
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3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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Specim	ens received on:	17	//10/2	2022	Tested on:	19/10	)/2022	in dry/we	t condition			ies de la
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4500 Psi	4	10	2022	6Diax12		14	28.28	67	5307		Non Engraved
2	4500 Psi	4	10	2022	6Diax12		14	28.28	66	5228		Non Engraved
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Witness	sed by: Mr. Shahza	ad As	sgha	r								

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10.	U	ransportation Engineering Division, NES			
	•	litation at Ali Park Road near Fruit Mandi Palace Main Raiwind Road, Allama Iqbal			e at
	Our Ref. No. CL	· · · · · · · · · · · · · · · · · · ·	Dated:	20/10/2022	Test Specification
	Your Ref. No.	4084/BSAM/104/01/790	Dated:	04-10-22	( BS 3921** )

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

Specimens received on:		07-10-22 Tested on:		20/10	)/2022	in dry/we	t condition					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Μ				8.9 x 4.4 x 3.1	3785	3285	39.16	41	2345	15.22	
2	Μ				9 x 4.3 x 3	3770	3260	38.7	45	2605	15.64	
3	М				9 x 4.3 x 3	3745	3355	38.7	47	2720	11.62	
4	м				8.9 x 4.4 x 3	3805	3360	39.16	43	2460	13.24	
5	М				9 x 4.3 x 3.1	3895	3355	38.7	45	2605	16.1	
6	М				8.7 x 4.2 x 3.2	3755	3310	36.54	45	2759	13.44	
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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.

4014 Dr. Umbreen

#### To: **Muhammad Ashraf**

Construction Engineer/Mines Labour Welfare Organization Punjab, Lahore

Project: Establishment of Mines Labour Welfare Girls High School at Katha Misral Khushab

Our Ref. No. CL	/CED/ 109	Dated:	20/10/2022	Test Specification
Your Ref. No.	MLW/C.E./MT/50/17/6390	Dated:	04-10-22	( BS 3921** )

# COMPRESSION TEST REPORT



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

Specim	ens received on:	0	6-10	-22	Tested on:	20/10	)/2022	in dry/we	t condition			
Sr. No.	Mark*		•	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	LT				8.6 x 4.3 x 2.8	3085	2545	36.98	39	2362	21.22	
2	LT				8.6 x 4.3 x 2.8	3140	2640	36.98	43	2605	18.94	
3	LT				8.7 x 4.3 x 2.8	3190	2685	37.41	41	2455	18.81	
4	LT				8.5 x 4.2 x 2.9	3050	2585	35.7	41	2573	17.99	
5	LT				8.7 x 4.3 x 2.8	3130	2610	37.41	41	2455	19.92	
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	Plain and Reinforced C Civil Engineering De University of Engineering and Technol Landline: 042-99029245 & 042-99029202	epartment	ORIGINAL A carbon copy fo the report has been retained in the lab for record
	) Divisional Officer Idings Sub Division Pattoki		3978 Dr. Umbreen
Proi	iect: Construction of Additional Academic Block at	Govt Degree College Pattoki for Boys Pattol	ki

District Kasur. ADP No. 352 For the Year 2021-22		atom boyo r attom	
Our Ref. No. CL/CED/ 110	Dated:	20/10/2022	Test Specification
Your Ref. No. 82/P	Dated:	26/9/2022	( BS 3921** )

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

Specim	ens received on:	3	0/9/2	022	Tested on:	20/10	)/2022	in dry/wet condition				iesterij
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	ND				8.8 x 4.3 x 3.1		3420	37.84	39	2309		
2	ND				8.7 x 4.2 x 3		3350	36.54	41	2513		
3	ND				8.9 x 4.3 x 3.1		3355	38.27	43	2517		
4	ND				8.7 x 4.3 x 3.1		3440	37.41	39	2335		
5	ND				8.8 x 4.3 x 3	GINE	3410	37.84	35	2072		
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**Specification** 

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