

To: Engr. Umar Majeed Additional Chief Engineer, Urban Developers Group

Project: Nil				
Our Ref. No. CL/	CED/ 1291	Dated:	24/2/2023	Test Specification
Your Ref. No.	UD/CP/Adc/580	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ecimens received on: 23/2/2023 Tested on: 24/2/2023 in dry/wet condition					Ľ.	jester j					
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		27	1	2023	6Diax12		13	28.28	78	6178		Engraved
2		27	1	2023	6Diax12		13.8	28.28	86	6812		Engraved
3		27	1	2023	6Diax12		13.6	28.28	90	7129		Engraved
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Witness	sed by:											

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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





	Aman Onan, Resident Engineer		
LDA City Housir	ng Scheme Lahore, Construction Management Divi	ision, NESPAK	(Pvt) Ltd
Project: Develop	oment of Underground External Electrification Net	work in LDA Ci	ty Housing Scheme,
Lahore (Develop	oment Area-1, Package 2, 4, 5 & 6). (M/s MSC-STZ B	Engineers JV)	
Our Ref. No. CL	'CED/ 1292	Dated:	24/2/2023
Your Ref. No.	4047/13/MA/04/65	Dated:	14/2/2023

COMPRESSION TEST REPORT



Test Specification

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

4830 Dr. M. Yousaf

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

Specim	ens received on:	22	2/2/2	023	Tested on:	24/2	/2023	in dry/we	t condition		Ë	je ska gj	
Sr. No.	Mark*		•	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks	
4				1	. ,								
1		18	1	2023	6Diax12		14	28.28	73	5782		Non Engraved	
2		18	1	2023	6Diax12		13.8	28.28	70	5545		Non Engraved	
3		18	1	2023	6Diax12		13.8	28.28	63	4990		Non Engraved	
4		20	1	2023	6Diax12		13.8	28.28	72	5703		Non Engraved	
5		20	1	2023	6Diax12	RINE	RI 14	28.28	74	5861		Non Engraved	
6		20	1	2023	6Diax12	T READ IN	13.6	28.28	73	5782		Non Engraved	
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Witness	sed by:				•	•	•	•	•	•			

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

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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



To: Ar. Farhan Rasool

Projects Architect, BAB (SMC PVT) LTD

Project: Construction of Mixed Use Building at Liberty

Our Ref. No. CL/	CED/ 1293	Dated:	24/2/2023
Your Ref. No.	BAB/CR/004	Dated:	20/2/2023

COMPRESSION TEST REPORT

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

Specimens received on:			20/2/2023 Tested on:		24/2	24/2/2023 i		in dry/wet condition			jester)	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	UGWT & Lift walls	21	1	2023	6Diax12		13.2	28.28	50	3960		Engraved
2	UGWT & Lift walls	21	1	2023	6Diax12		13	28.28	52	4119		Engraved
3	UGWT & Lift walls	21	1	2023	6Diax12		13.2	28.28	60	4752		Engraved
4	UGWT Slab & Foundation	12	2	2023	6Diax12		13	28.28	30	2376		Engraved
5	UGWT Slab & Foundation	12	2	2023	6Diax12	ARINE	RI 13	28.28	22	1743		Engraved
6	UGWT Slab & Foundation	12	2	2023	6Diax12	I READ IN	13	28.28	28	2218		Engraved
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Witness	Witnessed by:											

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

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

the report has been retained in the lab for record.



ENAARA			
Project: Nil			
Our Ref. No. CL/CED/ 1294	Dated:	24/2/2023	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	s received on: 22/2/2023 Tested on: 24/2/2023 in dry/wet condition			iester i							
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	4000 Psi	27	1	2023	6Diax12	(rtg/ giii3) 	(Rg/ gm3) 14	28.28	147	11644		Non Engraved
2	(6th Slab) 4000 Psi	27	1	2023	6Diax12		13.4	28.28	94	7446		Non Engraved
3	<u>(6th Slab)</u> 4000 Psi (6th Slab)	27	1	2023	6Diax12		14	28.28	81	6416		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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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.



the lab for record.



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							
he lab for record.							

4711 Dr. M. Yousaf

To: Mr. Umair Badar

Site Incharge, TETRA READY MIX: A Concrete Solutions Company

Project: House No. 45M A/3 Gulberg-III Lahore. (Client: Mr. Haroon Malik Residence)

Our Ref. No. CL/CED/ 1295	Dated:	24/2/2023	Test Specification
Your Ref. No. TRM/Shahzad/013	Dated:	02-02-23	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		2/2/2023		23	Tested on:	24/2/2023		in dry/wet condition				iester g
Sr. No.	Mark*		-	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	4500 Psi	7	1	2023	6Diax12		14	28.28	104	8238		Non Engraved
2	4500 Psi	7	1	2023	6Diax12		13.6	28.28	80	6337		Non Engraved
3	4500 Psi	15	1	2023	6Diax12		14	28.28	89	7050		Non Engraved
4	4500 Psi	15	1	2023	6Diax12		13.8	28.28	53	4198		Non Engraved
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Witness	sed by: M. Umair B	adar	, CN	IC: 35	201-6685227-9							

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



To: Mr. Waqas Ali VARIANT, 25-t Gulberg 2, Lahore

Project: Nil			
Our Ref. No. CL/CED/ 1296	Dated:	24/2/2023	Test Specification
Your Ref. No. VA/29/62	Dated:	30/01/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	31	1/1/2	023	Tested on:	24/2	/2023	in dry/we	t condition		Ċ	jester j
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Upper Bsmnt Slab Pour-5 (F-G, 3-5)	19	12	2022	6Diax12		13	28.28	76	6020		Non Engraved
2	Upper Bsmnt Slab Pour-5 (F-G, 3-5)	19	12	2022	6Diax12		13.4	28.28	70	5545		Non Engraved
3	Upper Bsmnt Slab Pour-5 (F-G, 3-5)	19	12	2022	6Diax12		13.4	28.28	80	6337		Non Engraved
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15												
16												
Witness	sed by: Mr. Babar /	Ali, C		: 35201	1-9967694-3							

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 compressive strength

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



To: Mr. Waqas Ali VARIANT, 25-t Gulberg 2, Lahore

Project: Nil			
Our Ref. No. CL/CED/ 1297	Dated:	24/2/2023	Test Specification
Your Ref. No. VA/29/63	Dated:	30/01/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	3′	1/1/2	023	Tested on:	24/2	/2023	in dry/we	t condition		Ċ	jester j
Sr. No. Mark*			Casting Date*		Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Upper Bsmnt Slab Pour-6 (F-G, 2-3)	22	12	2022	(in) 6Diax12	(r.g/ gills) 	(rtg/ gins) 14	28.28	(imp. rons) 78	(psi) 6178		Non Engraved
2	Upper Bsmnt Slab Pour-6 (F-G, 2-3)	22	12	2022	6Diax12		13.2	28.28	76	6020		Non Engraved
3	Upper Bsmnt Slab Pour-6 (F-G, 2-3)	22	12	2022	6Diax12		13.8	28.28	78	6178		Non Engraved
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Witness	sed by: Mr. Babar /	Ali, C	NIC:	35201	1-9967694-3							

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 compressive strength

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



To: Mr. Waqas Ali VARIANT, 25-t Gulberg 2, Lahore

Project: Nil			
Our Ref. No. CL/CED/ 1298	Dated:	24/2/2023	Test Specification
Your Ref. No. VA/29/65	Dated:	10-02-23	(ASTM C39)

COMPRESSION TEST REPORT

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

Specime	ens received on:	17	7/2/2	023	Tested on:	24/2	/2023	in dry/we	t condition		Ë	jeste o
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Bsmnt-1 UGWT Walls (G-H, 3-5)	4	1	2023	6Diax12		(rtg, giii3) 14.2	28.28	60	4752		Non Engraved
2	Bsmnt-1 UGWT Walls (G-H, 3-5)	4	1	2023	6Diax12		13.4	28.28	68	5386		Non Engraved
3	Bsmnt-1 UGWT Walls (G-H, 3-5)	4	1	2023	6Diax12		14	28.28	86	6812		Non Engraved
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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



To: Mr. Waqas Ali VARIANT, 25-t Gulberg 2, Lahore

Project: Nil			
Our Ref. No. CL/CED/ 1299	Dated:	24/2/2023	Test Specification
Your Ref. No. VA/29/64	Dated:	10-02-23	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	7/2/2	023	Tested on:	24/2	/2023	in dry/we	t condition		Ċ	jestes
Sr. No. Mark*		Casting Date*			Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Bsmnt-1 UGWT Raft Pr.11 (H, 3-5)	30	12	2022	6Diax12		14	28.28	63	4990		Non Engraved
2	Bsmnt-1 UGWT Raft Pr.11 (H, 3-5)	30	12	2022	6Diax12		13.4	28.28	73	5782		Non Engraved
3	Bsmnt-1 UGWT Raft Pr.11 (H, 3-5)	30	12	2022	6Diax12		13.8	28.28	78	6178		Non Engraved
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Witness	ed by: Mr. Babar	Ali, C		: 35201	1-9967694-3							

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



To: Mr. Waqas Ali VARIANT, 25-t Gulberg 2, Lahore

Project: Nil			
Our Ref. No. CL/CED/ 1300	Dated:	24/2/2023	Test Specification
Your Ref. No. VA/29/66	Dated:	10-02-23	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	7/2/2	023	Tested on:	24/2	/2023	in dry/we	t condition		Ľ.	jester j
Sr. No. Mark*		Casting Date*			Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Bsmnt-1 UGWT Slab (H, 3-5)	DD 9	12	2023	(in) 6Diax12	(rtg/ gills) 	(rtg/ gills) 14	28.28	(iiiip. rons) 89	(psi) 7050		Non Engraved
2	Bsmnt-1 UGWT Slab (H, 3-5)	9	1	2023	6Diax12		13.8	28.28	84	6653		Non Engraved
3	Bsmnt-1 UGWT Slab (H, 3-5)	9	1	2023	6Diax12		14.2	28.28	84	6653		Non Engraved
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Witness	ed by: Mr. Babar	Ali, C		: 35201	1-9967694-3							

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



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.

4784 Dr. Usman Akmal

To: Project Manager Lahore Hills Private Limited

Project: Nil				
Our Ref. No. CL/	CED/ 1301	Dated:	24/2/2023	Test Specification
Your Ref. No.	DH/MT/009	Dated:	14/2/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specime	14	4/2/2	023	Tested on:	24/2	/2023	in dry/wet condition					
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Sr. No. 982	15	1	2023	6Diax12		13.4	28.28	43	3406		Non Engraved
2	Sr. No. 983	15	1	2023	6Diax12		13.4	28.28	59	4673		Non Engraved
3	Sr. No. 988	15	1	2023	6Diax12		13.2	28.28	59	4673		Non Engraved
4	Sr. No. 989	15	1	2023	6Diax12		14	28.28	83	6574		Non Engraved
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