

Project: Nil Our Ref. No. CL/CED/ 3003-1 of 2 Your Ref. No. 0

Dated: Dated: 22/9/2023 20/9/2023 Test Specification

(ASTM C39)



COMPRESSION TEST REPORT

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

Specimens received on:		20/9/2023 Teste		Tested on:	22/9/2023		in dry/wet condition			jester		
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)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		23	6	2023	6Diax12		14.6	28.28	48	3802		Engraved
2		23	6	2023	6Diax12		13.8	28.28	64	5069		Engraved
3		23	6	2023	6Diax12		13.8	28.28	56	4436		Engraved
4		23	6	2023	6Diax12		13	28.28	54	4277		Engraved
5		23	6	2023	6Diax12		14	28.28	56	4436		Engraved
6		23	6	2023	6Diax12		13.4	28.28	64	5069		Engraved
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Witness	ed by:											

witnessea 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.





Mobile: 0307-0496895

Dated:

Dated:

22/9/2023

20/9/2023

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

> 5930 Dr. Umbreen

To: Mr. Muhammad Yousaf

Quantity Surveyor, Professional Construction Services (Pvt) Ltd

Landline: 042-99029245 & 042-99029202

Project: Construction of T.C.F Secondary School 373-EB at Burewala

Our Ref. No. CL/CED/ 3004

Your Ref. No. PCS/23/Eng/157

COMPRESSION TEST REPORT

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan



Test Specification

(ASTM C39)

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

Specimens received on:		20/9/2023		023	Tested on:	22/9/2023		in dry/wet condition		国をため発展		
Sr. No.	Mark*	Cas DD	•	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Ground Floor Slab (1st Slab)	10	8	2023	6Diax12		13.8	28.28	42	3327		Non Engraved
2	(1st Slab) Ground Floor Slab (1st Slab)	10	8	2023	6Diax12		13	28.28	42	3327		Non Engraved
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Witness	sed by:											

Witnessed by:

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

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2. The test results are recommended to be interpreted in the light of above factors by the engineer.





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.

> 5945 Dr. Umbreen

To: Mr. Zafar Iqbal

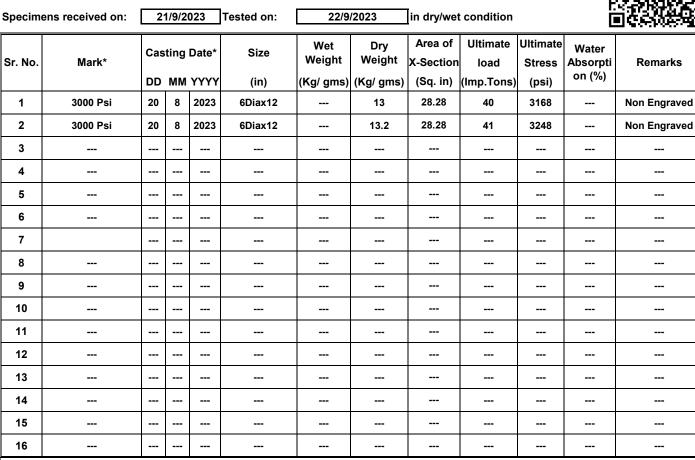
Project Manager, United Lifestyle Detailing Excellence

Project: Construction of Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore.

Our Ref. No. CL/	CED/ 3005	Dated:	22-09-23	Test Specification
Your Ref. No.	ULS/2021-22-23/045	Dated:	21/9/2023	(ASTM C39)

COMPRESSION TEST REPORT

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



Witnessed by:

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 comprensive strength

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

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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Our Ref. No. CL/CED/ 3006	Dated:	22/9/2023	Test Specification
Your Ref. No. JGM 09-23	Dated:	18/9/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	19/9/2023 Tested on:		22/9	/2023	in dry/wet condition						
Sr. No.	Mark*	Cas DD	•	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	5th Floor Slab (3000 Psi)	20	8	2023	6Diax12		13.4	28.28	50	3960		Non Engraved
2	5th Floor Slab (3000 Psi)	20	8	2023	6Diax12		13.8	28.28	53	4198		Non Engraved
3	5th Floor Slab (3000 Psi)	20	8	2023	6Diax12		14	28.28	48	3802		Non Engraved
4	5th Floor Column (4500 Psi)	20	8	2023	6Diax12		13.2	28.28	44	3485		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 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.



 Our Ref. No. CL/CED/ 3007
 Dated:
 22/9/2023
 Test Specification

 Your Ref. No.
 SCM-203B-14-23
 Dated:
 18/9/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	0/9/2	023	Tested on:	22/9	/2023	in dry/wet	condition			
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)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		8	9	2023	6Diax12		13.8	28.28	66	5228		Non Engraved
2		8	9	2023	6Diax12		13.8	28.28	48	3802		Non Engraved
3		8	9	2023	6Diax12		13.8	28.28	70	5545		Non Engraved
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Witness	ed by:											

Witnessed by:

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

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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



To: Resident Engineer (Civil)

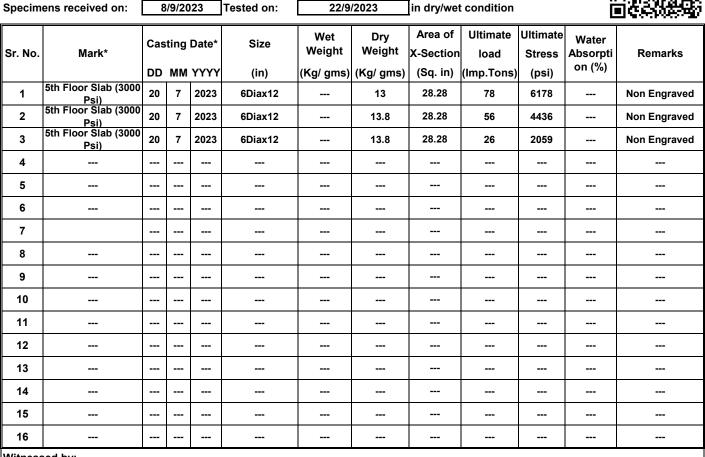
Model Bazaar Head Office Building, Mascon Associates Pvt. Ltd in Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/0	CED/ 3008	Dated:	22/9/2023	Test Specification
Your Ref. No.	MAC-HAC/23/PMBMC/LT/065	Dated:	31/8/2023	(ASTM C39)

COMPRESSION TEST REPORT

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



Witnessed by:

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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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.

5875 Dr. Umbreen





Plain and Reinforced Concrete Laboratory Civil Engineering Department

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



To: Resident Engineer (Civil)

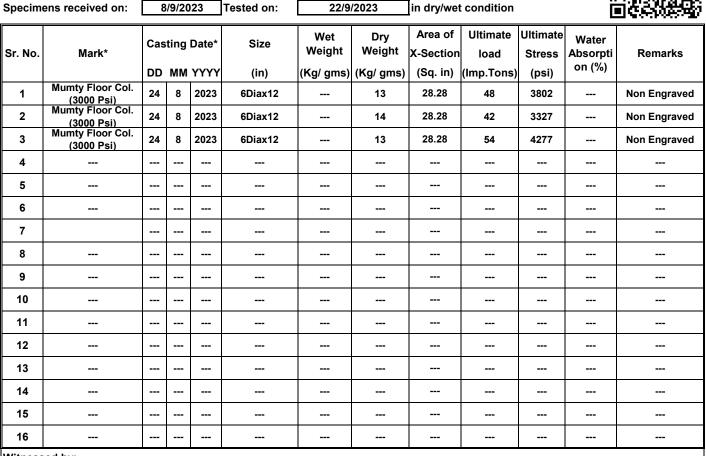
Model Bazaar Head Office Building, Mascon Associates Pvt. Ltd in Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our	Ref. No. CL/CE	D/ 3009	Dated:	22/9/2023	Test Specification
You	ır Ref. No.	MAC-HAC/23/PMBMC/LT/067	Dated:	31/8/2023	(ASTM C39)

COMPRESSION TEST REPORT

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



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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2. The test results are recommended to be interpreted in the light of above factors by the engineer.

5875 Dr. Umbreen





Plain and Reinforced Concrete Laboratory Civil Engineering Department

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



To: Resident Engineer (Civil)

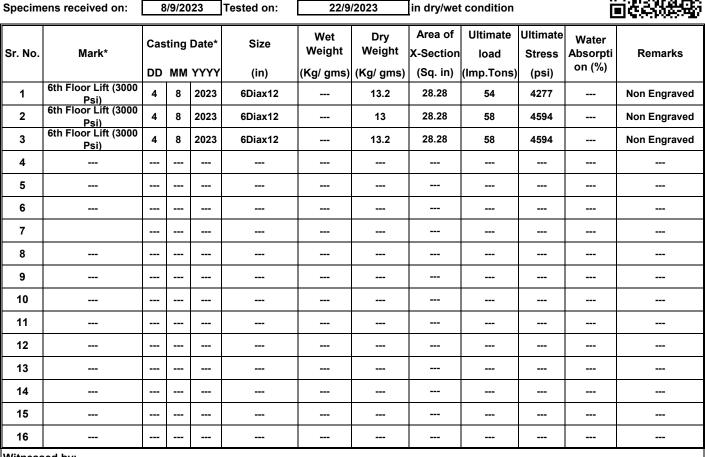
Model Bazaar Head Office Building, Mascon Associates Pvt. Ltd in Association with HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL/	CED/ 3010	Dated:	22/9/2023	Test Specification
Your Ref. No.	MAC-HAC/23/PMBMC/LT/066	Dated:	31/8/2023	(ASTM C39)

COMPRESSION TEST REPORT

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



Witnessed by:

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

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5875 Dr. Umbreen



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.

> 5869 Dr. Umbreen

To: Mr. M. Aslam

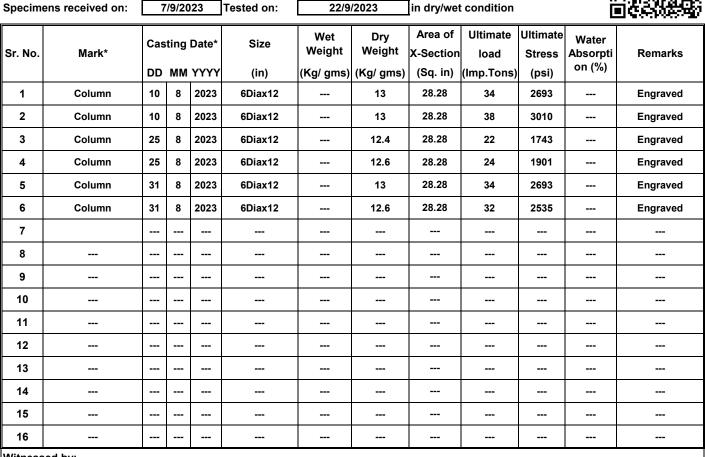
Projects Engineer, HKB Retail (SMC-PVT) Ltd

Project: Construction of Mixed Use Building at Noor Jahan Road, Liberty Market, Lahore

Our Ref. No. CL/CED/ 3011	Dated:	22/9/2023	Test Specification
Your Ref. No. BA/CR/029	Dated:	06-09-23	(ASTM C39)

COMPRESSION TEST REPORT

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



Witnessed by:

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

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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

5927 Dr. Umbreen

To: Mr. Zeeshan Anwar

Project Manager, MEP Solutions Pvt. Ltd

Project: Construction of Pathology Lab SKMCH & RC, Lahore.

Our Ref. No. CL/CED/ 3012	Dated:	22/9/2023	Test Specification
Your Ref. No. Nil	Dated:	18/9/2023	(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on:		19/9/2023 To		Tested on:	22/9/2023		in dry/wet 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	S				9 x 4.4 x 2.9		3285	39.6	44	2489		
2	S				9.1 x 4.4 x 2.8		3160	40.04	36	2014		
3	S				9.1 x 4.4 x 2.9		3410	40.04	30	1678		
4	S				8.8 x 4.3 x 2.9		3380	37.84	46	2723		
5	S				9 x 4.4 x 2.9	NHNE	3220	39.6	40	2263		
6						READIN	2000					
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Witnessed by:

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Supervisor (Lab)



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 5913 Dr. Umbreen

Test Specification

(----)

To:	Major Nawaz ul Haq, Retd.
	SPM (JV) PEC Bldg Proj., NLC ENGINEERS-TIJAARAT DEVELOPERS (JV)

Project: Construction of PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 3013

Your Ref. No. 901/NLC-TD(JV)/PEC/1041

COMPRESSION TEST REPORT



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

Specimens received on:		15/9/2023		023	Tested on:	22/9/2023		in dry/wet condition				ieste G
Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3620	29.64	60	4534		M/s Concrete Concept
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3525	29.64	72	5441		M/s Concrete Concept
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3610	29.64	91	6877		M/s Concrete Concept
4	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3490	29.64	70	5290		M/s Concrete Concept
5	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	THE	3575	29.64	60	4534		M/s Concrete Concept
6	Rectangular, Red, 80mm				7.8 x 3.8 x 3.2	READ IN	3545	29.64	48	3628		M/s Concrete Concept
7	Rectangular, Red, 80mm				7.8 x 3.8 x 3.1	OF THY HORD WHO OREATES	3775	29.64	105	7935		M/s Concrete Concept
8	Rectangular, Red, 80mm				7.8 x 3.8 x 2.9		3360	29.64	73	5517		M/s Concrete Concept
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Dated:

Dated:

22/9/2023

15/9/2023

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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