

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

4599 Dr. M.Yousaf

ORIGINAL

To: Mr. Muhammad Irfan Material Engineer, BANU MUKHTAR Contracting (Pvt.) Ltd.

Project: Burj-1 by AJWA BUILDERS									
Our Ref. No. CL/0	CED/ 967	Dated:	20/1/2023	Test Specification					
Your Ref. No.	DOC-BMC/AJWA/041	Dated	17/1/2023	(ASTM C39)					

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	7/1/2	023	Tested on:	20/1	/2023	in dry/we	t condition		Ë	16216466
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	(6000 Psi)	19	12	2022	6Diax12		13.6	28.28	104	8238		Non Engraved
2	(6000 Psi)	19	12	2022	6Diax12		13.6	28.28	90	7129		Non Engraved
3	(6000 Psi)	19	12	2022	6Diax12		13.4	28.28	98	7762		Non Engraved
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Witness	sed 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





To: Mr. Khalid Bashir for ITTEFAQ BUILDING SOLUTIONS (PVT) LTD.

Project: Atif Plaza, Lawrance Road, Lahore									
Our Ref. No. CL/C	ED/ 968	Dated:	20/1/2023	Test Specification					
Your Ref. No.	IBS/AL/CT-04	Dated:	19/1/2023	(ASTM C39)					

COMPRESSION TEST REPORT

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

Specim	ens received on:	19	9/1/2	023	Tested on:	20/1	/2023	in dry/we	t condition		Ē	je sker
Sr. No.	Mark*	Cas	ting MM	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	1st Floor Slab	15	12	2022	6Diax12	(rtg/ giii3) 	(rtg, giiis) 13.8	28.28	46	3644		Non Engraved
2	1st Floor Slab	15	12	2022	6Diax12		13.8	28.28	46	3644		Non Engraved
3	1st Floor Slab (3000 Psi)	15	12	2022	6Diax12		13	28.28	42	3327		Non Engraved
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Witness	ed 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

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.





Test Specification

(ASTM C39)

To: Mr. Khalid Bashir for ITTEFAQ BUILDING SOLUTIONS (PVT) LTD.

Project: Atif Plaza, Lawrance Road, Lahore

Our Ref. No. CL/CED/ 969 Dated: Your Ref. No. IBS/AL/CT-05 Dated:

COMPRESSION TEST REPORT

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

Specim	ens received on:	19	9/1/2	023	Tested on:	20/1	/2023	in dry/we	t condition		E	
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	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12		13	28.28	36	2851		Non Engraved
2	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12		13.4	28.28	35	2772		Non Engraved
3	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12		13	28.28	28	2218		Non Engraved
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Witness	sed by:											

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20/1/2023 19/1/2023



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.

4595 Dr. M. Yousaf

To: Mr. Sajid Hussain Bangash Resident Engineer, University of Chakwal (Balkasar Campus) for AEC Consultants (Pvt) Ltd

Project: Construction of Girls Hostel First Floor Slab, Engineering University of Chakwal

Our Ref. No. CL	(CED/ 970	Dated:	20/1/2023	Test Specification
Your Ref. No.	AEC/UOC/2023/032	Dated:	17/1/2023	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	7/1/2	023	Tested on:	20/1	/2023	in dry/we	t condition		E	1636年前
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		סט	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	0.1.(70)	
1	First Floor Slab (1:2:4)	21	12	2022	6x6x6		8	36	42	2613		Non Engraved
2	First Floor Slab (1:2:4)	21	12	2022	6x6x6		8	36	45	2800		Non Engraved
3	First Floor Slab (1:2:4)	21	12	2022	6x6x6		8	36	42	2613		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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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



Materia	I Engineer	ECSP, MPA Hostel, Phase-II. (M/s Ifti	khar & Co.)		
Project	Engineer	ing Consultancy Services for Constru	ction of MPA's Hostel La	hore, Phase-II (Lift W	/all
from 6t	h to 7th Fl	oor- Group No. 1)			
Our Re	. No. CL/C	ED/ 971	Dated:	20/1/2023	Test Specification
Your Re	ef. No.	340/ECSP/MPA/ME/62	Dated:	17/1/2023	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	18	8/1/2	023	Tested on:	20/1	/2023	in dry/we	t condition		D	1684890
Sr. No.	Mark*	Cas	ting MM	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	Lift wall 6th to 7th	20	12	2022	6x6x6	(rtg, gino) 	(itg, giiic) 9	36	64	3982		Engraved
2	floor Lift wall 6th to 7th	20	12	2022	6x6x6		9	36	68	4231		Engraved
3	Lift wall 6th to 7th floor	20	12	2022	6x6x6		8.6	36	66	4107		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



Mr. Zaman Ahmad Zaki Manager Operations, STRENGTH & STYLE Concrete Industries

Project: Nil				
Our Ref. No. CL/C	ED/ 972	Dated:	20/01/2023	Test Specification
Your Ref. No.	S&S/UET-16012023-02	Dated:	16/01/2023	()

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	/01/2	2023	Tested on:	20-0	01-23	in dry/we	t condition		Ë	162368-06
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate Ioad	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	Grey Rect.Tuff Paver 60mm P011				7.9 x 3.9 x 2.4		2620	30.81	58	4217		
2	Grey Rect.Tuff Paver 60mm P011				7.9 x 3.9 x 2.4		2785	30.81	58	4217		
3	Grey Rect.Tuff Paver 60mm P011				7.9 x 3.9 x 2.4		2655	30.81	63	4580		
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To:

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Director/Dy. Director Concrete 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.

4598 Dr. M. Yousaf

To: Mr. Zaman Ahmad Zaki Manager Operations, STRENGTH & STYLE Concrete Industries

Project: Nil					
Our Ref. No. CL/C	ED/ 973	D	ated:	20/01/2023	Test Specification
Your Ref. No.	S&S/UET-160123-03	D	ated:	16/01/2023	()

20-01-23

in dry/wet condition

COMPRESSION TEST REPORT

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

Specimens received on: 17/01/2023 Tested on:



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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Grey Rect.Tuff Paver 60mm P115				7.9 x 3.9 x 2.4		2610	30.81	46	3344		
2	Grey Rect.Tuff Paver 60mm P115				7.9 x 3.9 x 2.4		2520	30.81	38	2763		
3	Grey Rect.Tuff Paver 60mm P115				7.9 x 3.9 x 2.4		2615	30.81	45	3272		
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Director/Dy. Director Concrete Laboratory



the lab for record. 4598

ORIGINAL

Dr. M. Yousaf

Mr. Zaman Ahmad Zaki Manager Operations, STRENGTH & STYLE Concrete Industries

Project: Nil				
Our Ref. No. CL/C	ED/ 974	Date	d: 20/01/2023	Test Specification
Your Ref. No.	S&S/UET-160123-01	Date	d: 16/01/2023	()

COMPRESSION TEST REPORT

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

Specim	ens received on:	17	/01/2	2023	Tested on:	on: 20-01-23 in dry/wet condition		Ë	je ska s			
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Grey Rect.Tuff Paver 60mm P012				7.9 x 3.9 x 2.4		2605	30.81	28	2036		
2	Grey Rect.Tuff Paver 60mm P012				7.9 x 3.9 x 2.4		2680	30.81	33	2399		
3	Grey Rect.Tuff Paver 60mm P012				7.9 x 3.9 x 2.4		2690	30.81	35	2545		
4	Grey Rect.Tuff Payer 60mm P121				7.8 x 3.9 x 2.4		2560	30.42	20	1473		
5	Grey Rect.Tuff Paver 60mm P121				7.8 x 3.9 x 2.4	ARINE	2440	30.42	20	1473		
6	Grey Rect.Tuff Paver 60mm P121				7.8 x 3.9 x 2.4	I READ N	2295	30.42	16	1178		
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To:

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



ORIGINAL
A carbon copy for
the report has
been retained in
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To: **Sub Divisional Officer**

Building Sub Division No-1 Gujrat

Project: Establishment of 100 Bedded Hospital in U.C. Lakhanwal Tehsil & District Gujrat.

Our Ref. No. CL/C	ED/ 975	Dated:	20/01/2023	Test Specification
Your Ref. No.	2278/GI	Dated:	27/12/2022	()

COMPRESSION TEST REPORT



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

Specimens received on: 10-01-2				-23	Tested on:	20-01-23		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	K2				8.5 x 4.2 x 2.8	3195	2805	35.7	45	2824	13.9		
2	K2				8.7 x 4.3 x 2.9	3325	2855	37.41	44	2635	16.46		
3	K2				8.5 x 4.3 x 2.7	3125	2755	36.55	43	2635	13.43		
4	K2				8.7 x 4.3 x 2.7	3315	2780	37.41	43	2575	19.24		
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Note: Above results pertain to the unsealed samples supplied to the laboratory



Project: Construction of New Office Block of Commissioner Office Lahore ADP no. 5634 for the Year 2021-22 Our Ref. No. CL/CED/ 976 Dated: 20/01/2023 Test Specification Your Ref. No. Dated: 03-01-23 (BS 3921**) 219/sd-6

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	1-01	-23	Tested on:	20-0	01-23	in dry/we	t condition			「そこの思想」
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	MA				8.9 x 4.5 x 3		3395	40.05	35	1958		
2	MA				9 x 4.4 x 3		3290	39.6	45	2545		
3	MA				8.9 x 4.4 x 3.1		3305	39.16	43	2460		
4	MA				9 x 4.4 x 3		3370	39.6	47	2659		
5	MA				9 x 4.4 x 3	ARTILE	3280	39.6	45	2545		
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4561 Dr. M. Yousaf

Test Specification (BS 3921**)

To: **Sub Divisional Officer**

Buildings Sub Division No. 05 Lahore.

Project: Construction of Extansion / Expansion of Inpectorate of Punjab Lahore. Group No. 1

Our Ref. No. CL/C	ED/ 977	Dated:	20/01/2023
Your Ref. No.	2515/5th	Dated:	06-01-23

COMPRESSION TEST REPORT



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

Specimens received on: 11-01-23 Tested on: 20-01-23 in dry/wet condition						Ċ	je stado					
Sr. No.	Mark*	Cas	ting MM	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	MA				9 x 4.3 x 2.9		3380	38.7	43	2489		
2	MA				8.9 x 4.5 x 3.1		3410	40.05	43	2405		
3	MA				8.8 x 4.4 x 3		3415	38.72	43	2488		
4	MA				8.9 x 4.3 x 2.8		3315	38.27	36	2107		
5	MA				8.8 x 4.4 x 2.8	ARTINE	3275	38.72	40	2314		
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Note: Above results pertain to the unsealed samples supplied to the laboratory



To: Mr. Muhammad Irfan Material Engineer, BANU MUKHTAR Contracting (Pvt.) Ltd.

Project: Burj-1 b	y AJWA BUILDERS			
Our Ref. No. CL/	CED/ 978	Dated:	20/1/2023	Test Specification
Your Ref. No.	DOC-BMC/AJWA/042	Dated:	17/1/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	7/1/2	023	Tested on:	20/1	/2023	in dry/we	/wet condition		Ë	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	(6000 Psi)	15	12	2022	6Diax12		14.4	28.28	109	8634		Non Engraved
2	(6000 Psi)	15	12	2022	6Diax12		13.8	28.28	73	5782		Non Engraved
3	(6000 Psi)	15	12	2022	6Diax12		13.8	28.28	97	7683		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

