		Plain and Reinforced C Civil Engineering D University of Engineering and Techno Landline: 042-99029245 & 042-99029202	Concrete Labor epartment ology, Lahore. Pakistan Mobile: 0307-049689	atory
Го:	Engr. H G3 Eng	lassan Mahmood, Resident Engineer jineering Consultants (Pvt.) Ltd.		
	Project (Contra Our Re	: Construction of DHA Newlife Residency App actor; M/s Ghousia Engineering & Constructio f. No. CL/CED/ 8540	artments at 273/1 Q Block F n Pvt. Ltd.) Dated:	Phase-II, Lahore. 11-04-22

Test Specification

(ASTM C39)

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

3101 Dr. Umbreen

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

G3/DHA-NLD/RE/055

Specim	ens received on:	0	8-04	-22	Tested on:	11-0	4-22	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	Basement Slab Pour-1 (4000 Psi)	5	3	2022	6Diax12		13.4	28.28	69	5465		Engraved
2	Basement Slab Pour-1 (4000 Psi)	5	3	2022	6Diax12		13.6	28.28	61	4832		Engraved
3	Basement Slab Pour-1 (4000 Psi)	5	3	2022	6Diax12		13.8	28.28	69	5465		Engraved
4												
5					/	ARTNE	RIATE					
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14												
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16												
Witness	ed by:											

Dated:

04-04-22

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

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

Your Ref. No.

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

3057 Dr. Yousaf

To: Engr. Abdul Qadeer Khan LANDMARK CONSULTANTS Pvt. Ltd. Gulberg-II, Lahore.

Project: Parkview Apartments							
Our Ref. No. CL/C	ED/ 8541	Dated:	11-04-22	Test Specification			
Your Ref. No.	CIV/172/04032022	Dated:	01-04-22	(ASTM C39)			

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	1-04	-22	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
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		4	3	2022	6Diax12		14	28.28	75	5941		Non Engraved
2		4	3	2022	6Diax12		14	28.28	71	5624		Non Engraved
3												
4												
5					- /	ARTINE	RIATE					
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16												
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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

3057 Dr. Yousaf

To: Engr. Abdul Qadeer Khan LANDMARK CONSULTANTS Pvt. Ltd. Gulberg-II, Lahore.

Project: Parkview Apartments								
Our Ref. No. CL/C	ED/ 8542	Da	ated: 11-04	I-22 <u>Test Specification</u>				
Your Ref. No.	CIV/172/21032022	Da	nted: 01-04	I-22 (ASTM C39)				

COMPRESSION TEST REPORT

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

Specimo	ens received on:	0	1-04	-22	Tested on:	11-()4-22	in dry/we	t condition			ONLINE REPORT
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		21	3	2022	6Diax12		13.2	28.28	47	3723		Engraved
2		21	3	2022	6Diax12		13	28.28	41	3248		Engraved
3												
4												
5						ARTHE	RIATE					
6					2	READ IN	ALL TO					
7						DHE NAME OF THY CORD VIND		H				
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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





To: M. Ijaz Faroog

Usman Ibrahim Construction

Project: Al-Fatah E-Mall Main Boulevard Gulberg, Lahore.

Our Ref. No. CL/C	ED/ 8543	Dated:	11-04-22	Test Specification
Your Ref. No.	Nil	Dated:	30/3/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	3	0/3/2	022	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
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		3	3	2022	6Diax12		13.8	28.28	43	3406		Non Engraved
2		3	3	2022	6Diax12		13.6	28.28	23	1822		Non Engraved
3		3	3	2022	6Diax12		14	28.28	37	2931		Non Engraved
4												
5					/	GINE	RIATE					
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11												
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13												
14												
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16												
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 comprensive strength

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.
_		3066 Dr. Yousaf
To:	Sub Divisional Officer Buildings Sub Division No. 22 Lahore.	
	Project: Construction of Building for R, Library and Research Facilities in Board for Advancement of Literature, Lahore.	

Our Ref. No. CL/	CED/ 8544	Dated:	11-04-22	Test Specification
Your Ref. No.	61/22nd	Dated:	29/3/2022	(ASTM C39)

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

Specim	ens received on:	0	4-04	-22	Tested on:	11-04-22		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	(G.F Slab) C.C 1:2:4	6	3	2022	6Diax12		13.4	28.28	43	3406		Engraved
2	(G.F Slab) C.C 1:2:4	6	3	2022	6Diax12		13.8	28.28	36	2851		Engraved
3												
4												
5						RINE	RIATE					
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8					4.81			WIND I				
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13												
14												
15												
16												
Witness	ed hv:											

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Project Engineer				
Project: Nil				
Our Ref. No. CL/0	CED/ 8545	Dated:	11-04-22	Test Specification
Your Ref. No.	DM/3000/01	Dated:	30/3/2022	(ASTM C39)

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

Specimens received on: 31/3/2022		022	Tested on: 11-04-22		in dry/wet condition				ONLINE REPORT			
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		16	3	2022	6Diax12		12.4	28.28	38	3010		Non Engraved
2		16	3	2022	6Diax12		13.4	28.28	48	3802		Non Engraved
3		16	3	2022	6Diax12		13	28.28	38	3010		Non Engraved
4												
5					/	GINE	RIATE					
6)	NEAD W						
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14												
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16												
Witness	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 compressive 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.



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

> 3045 Dr. Yousaf



Project Engineer				
Project: Nil				
Our Ref. No. CL/C	CED/ 8546	Date	ed: 11-04-22	Test Specification
Your Ref. No.	DM/5000/02	Date	ed: 30/3/2022	(ASTM C39)

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

Specimens received on: 31/3/20			022	Tested on:	04-11-22		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		7	2	2022	6Diax12		12.8	28.28	42	3327		Non Engraved
2		7	2	2022	6Diax12		12.4	28.28	50	3960		Non Engraved
3		7	2	2022	6Diax12		13	28.28	60	4752		Non Engraved
4		3	2	2022	6Diax12		12	28.28	35	2772		Non Engraved
5		3	2	2022	6Diax12	RINE	RI 13	28.28	53	4198		Non Engraved
6		3	2	2022	6Diax12	T READ IN	12.8	28.28	56	4436		Non Engraved
7						DHE NAME OF THY CORD VINC		F				
8					188							
9												
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11												
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15												
16												
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.



3045



University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895

Landline: 042-99029245 & 042-99029202

3076 Dr. Umbreen

To: **Muhammad Shahbaz**

For and Behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 8547	Dated:	11-04-22	Test Specification
Your Ref. No.	IHPL/Con/725	Dated:	28/3/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	0	5-04	-22	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
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	28	2	2022	6Diax12		14	28.28	104	8238		Non Engraved
2	6000 Psi	28	2	2022	6Diax12		14	28.28	98	7762		Non Engraved
3	6000 Psi	28	2	2022	6Diax12		14	28.28	88	6970		Non Engraved
4												
5					/	RINE	RIATE	-				
6					>	READIN						
7						DHE NHOLE OE THY LORD VIND		EP				
8					188							
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10					<	-LA	INRE .					
11												
12												
13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	Bai	wa (IH	PL) and Engr.	Ali Hasnai	n Khan (K.	B)				

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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.

3076 Dr. Umbreen

To: **Muhammad Shahbaz** For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL	/CED/ 8548	Dated:	11-04-22	Test Specification
Your Ref. No.	IHPL/Con/729	Dated:	28/3/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	0	5-04	-22	Tested on:	11-()4-22	in dry/we	t condition			ONLINE REPORT
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	3	3	2022	6Diax12		13.4	28.28	88	6970		Non Engraved
2	6000 Psi	3	3	2022	6Diax12		13.6	28.28	86	6812		Non Engraved
3	6000 Psi	3	3	2022	6Diax12		14	28.28	94	7446		Non Engraved
4												
5					-	RINE	RIATE					
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15												
16												
Witness	ed by: Engr. Rafi	Ullah	n Bai	wa (IH	PL) and Engr.	Ali Hasnai	n Khan (K.	B)				

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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.							

3076 Dr. Umbreen

To: **Muhammad Shahbaz**

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/C	CED/ 8549	Dated:	11-04-22	Test Specification
Your Ref. No.	IHPL/Con/728	Dated:	28/3/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		05-04-22		-22	Tested on:	11-04-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
1	4000 Pei	3	3	2022	(III) 6Diax12	(rtg/ gills)	(Rg/ gills) 14	28.28	88	(p3i) 6970		Non Engraved
-	4000 P 3	, s	3	2022			14	20.20	00	0570		Non Engraved
2	4000 PSI	3	3	2022	6Diax12		13	28.28	83	65/4		Non Engraved
3	4000 Psi	3	3	2022	6Diax12		13.8	28.28	88	6970		Non Engraved
4												
5					-	GINE	RIATE					
6					-	READIN						
7						DHE NHOLE OF THY LORD VIND	14.9	FB				
8					188			HND				
9						-	1	7				
10					-	-/A	INRE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	n Bai	wa (IH	PL) and Engr.	Ali Hasnai	n Khan (K.	B)				

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.									

3076 Dr. Umbreen

To: **Muhammad Shahbaz**

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL	/CED/ 8550	Dated:	11-04-22	Test Specification
Your Ref. No.	IHPL/Con/727	Dated:	28/3/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		05-04-22			Tested on:	11-0	in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi	2	3	2022	6Diax12		14	28.28	65	5149		Non Engraved
2	6000 Psi	2	3	2022	6Diax12		13.4	28.28	92	7287		Non Engraved
3	6000 Psi	2	3	2022	6Diax12		13.6	28.28	94	7446		Non Engraved
4												
5						ARTHE	RIATE					
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7						DHE NAME OF THY CORD VIND	- 4 X	E .				
8					188							
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16												
Witness	ed by: Engr. Rafi	Ullał	n Bai	wa (IH	PL) and Engr.	Ali Hasnai	n Khan (K.	B)				

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

t

3076 Dr. Umbreen

To: Muhammad Shahbaz

For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8551	Dated:	11-04-22	Test Specification
Your Ref. No.	IHPL/Con/726	Dated:	28/3/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		05-04-22		-22	Tested on:	11-0	11-04-22 in dry/wet condition				ONLINE REPORT	
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	1	3	2022	6Diax12		13	28.28	81	6416		Non Engraved
2	6000 Psi	1	3	2022	6Diax12		14	28.28	90	7129		Non Engraved
3	6000 Psi	1	3	2022	6Diax12		13.8	28.28	83	6574		Non Engraved
4												
5					/	GINE	RIATE					
6					- >	READ IN	200					
7						DHE NAME <u>OE</u> THY LORD WHO	-4	EB				
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16												
Witness	ed by: Engr. Rafi	Ullah	n Baj	wa (IH	PL) and Engr.	Ali Hasnai	n Khan (K.	B)				

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

3096 Dr. Umbreen

To: Sub Divisional Officer

Buildings Sub-Division Pattoki.

Project: Construction of Tehsil Complex at Pattoki District Kasur (ADP No. 5636 For the Year 2021-22)

Our Ref. No. CL/	CED/ 8552	Dated:	11-04-22	Test Specification
Your Ref. No.	856/P	Dated:	17/2/2022	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on:			07-04-22 Tested of		Tested on:	11-04-22		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Cement Concrete (1:2:4)	21	1	2022	6x6x6		8.4	36	69	4293		Non Engraved
2	Cement Concrete (1:2:4)	21	1	2022	6x6x6		8.6	36	79	4916		Non Engraved
3	Cement Concrete (1:2:4)	21	1	2022	6x6x6		8.4	36	61	3796		Non Engraved
4												
5						HINE	RIATE					
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14												
15												
16												
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: **Director Projects**

Innovative Construction Company.

Project: Construction of ABL Branch at Jubilee Town Lahore.

Our Ref. No. CL/	CED/ 8553	Dated:	11-04-22	Test Specification
Your Ref. No.	ICL/ABL/JT/0422/05	Dated:	07-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	07-04-22		-22	Tested on:	11-04-22		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	F.F. Columns, UGWT & Lift Well	22	3	2022	6Diax12		13.6	28.28	31	2455		Non Engraved
2	F.F. Columns, UGWT & Lift Well	22	3	2022	6Diax12		13.6	28.28	39	3089		Non Engraved
3	F.F. Columns, UGWT & Lift Well	22	3	2022	6Diax12		13	28.28	25	1980		Non Engraved
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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 comprensive strength

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

	Plain and Reinforced Conc Civil Engineering Depart University of Engineering and Technology, L Landline: 042-99029245 & 042-99029202	rete Labon ment ahore. Pakistan lobile: 0307-04968	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
				3061 Dr. Umbreen
To: Assis U.E.T	stant Engineer ʿLahore Narowal Campus.			
Proje Cell I Our F	ct: Construction of Innovation Center, Auditorium & Jan Engineers). Auditorium Building Decorative Columns). Ref. No. CL /CED/ 8554	nia Masjid. (Contra Dated:	ctor; National Logisti	CS

Your Ref. No.	Univ/NRL/ICIP/AEN/236	Dated:	03-03-22	(

ASTM C39)

		ONLINE REPORT
ate	Water	Domorko
55	Ausorpti	Remarks

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

Specim	ens received on:	0	4-04	-22	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1		2	2	2022	6Diax12	(Ng/ gills) 	(Rg/ gm3) 14	28.28	57	4515		Non Engraved
2		2	2	2022	6Diax12		14	28.28	53	4198		Non Engraved
3		2	2	2022	6Diax12		13	28.28	83	6574		Non Engraved
4												
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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

3081 Dr. Umbreen

To: **Zubair Ahmmad**

Project Manager, M/s Raja Kamal Khan

Project: Construction of Aitchison Tennis Club, at Aitchison College, Lahore.

Our Ref. No. CL/C	ED/ 8555	Dated:	11-04-22	Test Specification
Your Ref. No.	RKK-105/22	Dated:	06-04-22	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	6-04	-22	Tested on:	11-0	94-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		סס		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)		
1	Concrete (1:4:8)	5	3	2022	6Diax12		13	28.28	25	1980		Non Engraved
2	Concrete (1:4:8)	5	3	2022	6Diax12		13	28.28	23	1822		Non Engraved
3												
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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

3083 Dr. Umbreen

To: Engr. Mustafa Ali

Sr. Manager Coordination, For Dream Builders. Lahore.

Project: Construction of Apartment Building at 32-P, Model Town Ext, Lahore.

Our Ref. No. CL/	CED/ 8556	Dated:	11-04-22	Test Specification
Your Ref. No.	DB/CONST-32P/22/406	Dated:	06-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	0	6-04	-22	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
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		7	3	2022	6Diax12		13.4	28.28	53	4198		Non Engraved
2		7	3	2022	6Diax12		13.4	28.28	55	4356		Non Engraved
3		7	3	2022	6Diax12		13.2	28.28	43	3406		Non Engraved
4												
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Witness	ad by:											

vitnessea 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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



3072 Dr. Umbreen

ORIGINAL

To: Engr. Uzair Siddique Atiq Associates.

Project: Construction of Raft Foundation of Basement at Lahore American School (Gym Building).

Our Ref. No. CL/CED/ 8557	Dated:	11-04-22	Test Specification
Your Ref. No. Nil	Dated:	04-04-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimo	ens received on:	0	4-04	-22	Tested on:	11-(4-22	in dry/we	t condition			ONLINE REPORT
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	RF-28	28	3	2022	6Diax12		13	28.28	23	1822		Non Engraved
2	RF-28	28	3	2022	6Diax12		13	28.28	33	2614		Non Engraved
3	RF-28	28	3	2022	6Diax12		14	28.28	25	1980		Non Engraved
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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 comprensive strength

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

		Plain and Reinforced Co Civil Engineering Dej University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	oncrete Labor partment gy, Lahore. Pakistan Mobile: 0307-049689	atory ₅	ORIGINAL A carbon copy for the report has been retained in the lab for record.
То:	Lt. Col	. (R) Ubaid ur Rehman			3084 Dr. Umbreen
	SPM (J Project Our Re	V) PEC Bidg Project t: Construction of PEC Regional Office, Lahore. .f. No. CL/CED/ 8558	Dated:	11-04-22	Test Specification

Your Ref. No.	901/NLC-TD(JV)/PEC/605	Dated:	05-04-22

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

Specim	ens received on:	0	6-04	-22	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
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	7th F. Projection Wall (1673)	8	3	2022	6Diax12		13	28.28	67	5307		Non Engraved
2	7th F. Projection Wall (1676)	8	3	2022	6Diax12		13	28.28	69	5465		Non Engraved
3	7th F. Projection Wall (1679)	8	3	2022	6Diax12		13	28.28	53	4198		Non Engraved
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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

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



(ASTM C39)

	Plain and Reinforced C Civil Engineering D University of Engineering and Techno Landline: 042-99029245 & 042-99029202	Concrete Laboratory epartment logy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
			3044 Dr. Yousaf
To: Sub D Buildi	ivisional Officer ngs Sub Division No. 5 Lahore		
Projec	t: Construction of 4-No. Additional Class Room	s at Government Girls High School Barket Mar	ket

Garden Town Lahore. Our Ref. No. CL/CED/ 8559 Dated: 11-04-22 Test Specification Your Ref. No. 604/5th Dated: 12-03-22 (BS 3921**)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	3′	1/3/2	022	Tested on:	11-0)4-22	in dry/we	t condition			
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)	(psı)	0(/0)	
1	101				8.9 x 4.3 x 3		3200	38.27	45	2634		
2	101				8.7 x 4.2 x 2.8		2980	36.54	43	2636		
3	101				8.8 x 4.3 x 3		3215	37.84	48	2841		
4	101				8.8 x 4.3 x 3		3220	37.84	38	2249		
5	101				8.8 x 4.4 x 3.1	HINE	3320	38.72	43	2488		
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16												
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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Cooper Road Lak	ore (ADP No. 429 For the Year 2021-22)			
Our Ref. No. CL/0	CED/ 8560	Dated:	11-04-22	Test Specification
Your Ref. No.	586/5th	Dated:	12-03-22	(BS 3921**)



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

Specimo	ens received on:	3'	1/3/2	022	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	101				8.7 x 4.1 x 2.8		2980	35.67	43	2700		
2	101				8.8 x 4.3 x 2.8		3215	37.84	40	2368		
3	101				8.8 x 4.3 x 2.9		3200	37.84	40	2368		
4	101				8.7 x 4.1 x 2.7		2975	35.67	46	2889		
5	101				8.8 x 4.4 x 3.1	ARTINE	3360	38.72	47	2719		
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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 comprerssive strength

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



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

> 3044 Dr. Yousaf

To: **Sub Divisional Officer**

Buildings Sub Division No. 5 Lahore

Project: Construction of Additional Class Rooms at Government Girls High School Walton Lahore

Our Ref. No. CL/0	CED/ 8561	Dated:	11-04-22	Test Specification
Your Ref. No.	616/5th	Dated:	12-03-22	(BS 3921**)

COMPRESSION TEST REPORT

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

Specimo	ens received on:	3'	1/3/2	022	Tested on:	11-0	94-22	in dry/we	t condition			ONLINE REPORT
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	101				8.7 x 4.2 x 3		3245	36.54	48	2943		
2	101				9 x 4.2 x 2.9		3185	37.8	43	2548		
3	101				8.8 x 4.3 x 2.9		3215	37.84	40	2368		
4	101				8.8 x 4.3 x 3		3235	37.84	35	2072		
5	101				8.8 x 4.3 x 2.9	RINE	3115	37.84	32	1894		
6)	READ IN	AUS D					
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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 comprensive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



		Plain and Reinforced Concre Civil Engineering Departm University of Engineering and Technology, Lah Landline: 042-99029245 & 042-99029202 Mot	ete Labor nent ore. Pakistan bile: 0307-049689	atory ₅	ORIGINAL A carbon copy for the report has been retained in the lab for record.
То:	Sub Di Buildin	visional Officer gs Sub Division No. 5 Lahore			3011 Dr. Yousaf
	Project Commo Our Re	: Construction of 3 No. Class Rooms with Verandah at Fi erce Ravi Block, Lahore (ASP No. 429 For the Year 2021-2 f. No. CL/CED/ 8562	rst Floor at Govt 22) Dated:	Islamia College of 11-04-22	Test Specification

Dated:

12-03-22

(BS 3921**)

COMPRESSION TEST REPORT

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

564/5th

Specim	ens received on:	2	8/3/2	022	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
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)	(psı)	e (<i>i</i> s)	
1	101				8.9 x 4.2 x 3		3230	37.38	43	2577		
2	101				9 x 4.2 x 3		3245	37.8	40	2370		
3	101				8.9 x 4.3 x 3		3230	38.27	43	2517		
4	101				8.9 x 4.4 x 2.9		3380	39.16	37	2116		
5	101				9 x 4.4 x 3	HINE	3450	39.6	45	2545		
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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)

Your Ref. No.

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

- Participation - Participatio	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.
To:	Sub Divisional Officer	3011 Dr. Yousaf
	Buildings Sub Division No. 5 Lahore	
	Project: Construction of 3 No. Class Rooms with Verandah at First Floor at Govt Post Graduate College for Women Wahdat Colony, Lahore (ADP No. 429 For the Year 2021-22)	

Our Ref. No. CL/C	ED/ 8563	Dated:	11-04-22	Test Specification
Your Ref. No.	600/5th	Dated:	12-03-22	(BS 3921**)

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

Specim	Specimens received on: 28/3/2022 Tested on: 11-04-22 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	101				8.8 x 4.2 x 2.9		3285	36.96	45	2727		
2	101				8.9 x 4.2 x 2.9		3235	37.38	48	2876		
3	101				8.7 x 4.2 x 3		3235	36.54	43	2636		
4	101				8.9 x 4.3 x 2.9		3285	38.27	45	2634		
5	101				9 x 4.3 x 3	ARTNE	3330	38.7	45	2605		
6					>	[READIN	205 D					
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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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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Construction of Muriake Greenfield Aerodome for General Aviation Activities.										
Project: Construction of Greenfield Aerodome for General Aviation Activities at Muridke. (Osmani & Company Pvt. Ltd.) Our Ref. No. CL/CED/ 8564 Dated: 11-04-22										
Company Pvt. Ltd.)										
Our Ref. No. CL	/CED/ 8564	Dated:	11-04-22							
Your Ref. No.	OCL/CAA//MAD-RE/3-2K22/028	Dated:	29/3/2022							



Test Specification (BS 3921**)

ORIGINAL

3027 Dr. Yousaf

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

Specim	ens received on:	2	9/3/2	022	Tested on:	11-0)4-22	in dry/wet condition				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	27				8.6 x 4.3 x 2.8		3045	36.98	28	1696		
2	27				8.4 x 4.3 x 2.9		3030	36.12	40	2481		
3	27				8.6 x 4.3 x 2.8		3035	36.98	35	2120		
4	27				8.6 x 4.3 x 2.9		3090	36.98	42	2544		
5	27				8.7 x 4.3 x 2.9	RINE	3085	37.41	37	2215		
6					- >	READ W						
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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Construction of	construction of Muriake Greenfield Aerodome for General Aviation Activities.										
Project: Constru	uction of Greenfield Aerodome for General A	viation Activities at	Muridke. (Osmani &								
Company Pvt. L	Company Pvt. Ltd.)										
Our Ref. No. CL	/CED/ 8565	Dated:	11-04-22								
Your Ref. No.	OCL/CAA//MAD-RE/3-2K22/027	Dated:	29/3/2022								



Test Specification (BS 3921**)

ORIGINAL

3027 Dr. Yousaf

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

Specim	ens received on:	29/3/2022		022	Tested on:	11-0)4-22	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	MB				8.7 x 4.2 x 2.7		2510	36.54	30	1839		
2	MB				8.7 x 4.2 x 2.7		2565	36.54	25	1533		
3	МВ				8.7 x 4.2 x 2.7		2605	36.54	30	1839		
4	MB				8.7 x 4.3 x 2.8		2630	37.41	38	2275		
5	MB				8.5 x 4.2 x 2.8	ARTHE	2585	35.7	41	2573		
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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Project: Constru Sangla Hill, Dist	Project: Construction of 02-Nos of Additional Classrooms at Govt. Islamia Graduate College for Boys Sangla Hill, District Nankana Sahib.										
Our Ref. No. CL/	/CED/ 8566	Dated:	11-04-22	Test Specification							
Your Ref. No.	2660/SDO/BSD/SKT	Dated:	22/2/2022	(BS 3921**)							



ORIGINAL

3047

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

Specimo	ens received on:	3'	1/3/2	022	Tested on:	11-0)4-22	in dry/wet condition				ONLINE REPORT
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	11				8.7 x 4.3 x 3		3540	37.41	50	2994		
2	11				8.7 x 4.4 x 2.9		3255	38.28	50	2926		
3	11				8.4 x 4.2 x 2.8		3355	35.28	56	3556		
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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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

t

2952 Dr. Yousaf

To: **Muhammad Imran Khan** Material Engineer ECSP, MPA Hostel, Phase-II.

Project: Construction of MPA's Hostel Lahore, Phase-II. (Group No.1). (M/s Iftikhar & Co.)

Our Pof No. CL/C	NED/ 9567	Dated	11 04 22	Test Specification
		Dated.	11-04-22	Test Specification
Your Ref. No.	ECSP/MPA/ME/22	Dated:	14/3/2022	(BS 3921**)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	7/3/2	022	Tested on:	11-0)4-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting MM	Date*	Size	Wet Weight	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	Α			····	8.8 x 4.4 x 3	3755	3200	38.72	43	2488	17.34	
2	Α				8.9 x 4.3 x 3	3765	3200	38.27	45	2634	17.66	
3	Α				8.9 x 4.3 x 3	3880	3255	38.27	48	2810	19.2	
4	Α				8.8 x 4.4 x 3	3605	3050	38.72	42	2430	18.2	
5	Α				8.7 x 4.3 x 2.9	3550	3110	37.41	50	2994	14.15	
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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 comprensive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory