

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.

> 3674 Dr. Yousaf

To: Mr. Muhammad Rafique

Khushi Mohammad Construction Company

Nil

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 9506

Dated:

05/08/2022

Test Specification

Dated: 03/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Top Roof Slab	6	7	2022	6x6x6		8.8	36	84	5227		Engraved
2	Top Roof Slab	6	7	2022	6x6x6		8.8	36	84	5227		Engraved
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16 Witness												

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

- 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.



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> 3676 Dr. Yousaf

To: Mohammad Babar Ali, Project Manager, **SUPER TECH SERVICES Managing Partner**

Project: Nil

Our Ref. No. CL/CED/ 9507 05/08/2022 Dated: **Test Specification** Your Ref. No. VFP/EB/STS/22/11 Dated: 04/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 04/08/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4450 Psi	26	7	2022	6x6x6		8.6	36	58	3609		Non Engraved
2	4450 Psi	26	7	2022	6x6x6		8.8	36	59	3671		Non Engraved
3	1500 Psi	27	7	2022	6x6x6		8.4	36	25	1556		Non Engraved
4	1500 Psi	27	7	2022	6x6x6		8.2	36	26	1618		Non Engraved
5						GINE	RING					
6						Tegana.						
7						THE NAME THE NAME LIGHT WHILE	G N					
8					53	CREATES	1000					
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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 comprerssive strength

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> 3679 Dr. Yousaf

Test Specification

To: Mr. Azmat Abbas

Project Engineer, Liberty Castle

Project: Nil

Our Ref. No. CL/CED/ 9508 05/08/2022 Dated:

Your Ref. No. Nil Project-132/E-Gulberg III Lahore Dated: (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/08/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3000 Psi	20	6	2022	6Diax12		14	28.28	63	4990		Non Engraved
2	3000 Psi	20	6	2022	6Diax12		13.4	28.28	70	5545		Non Engraved
3	3000 Psi	6	7	2022	6Diax12		12.8	28.28	59	4673		Non Engraved
4	3000 Psi	6	7	2022	6Diax12		13.2	28.28	65	5149		Non Engraved
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6						Topana						
7						THE NAME OF THY LIDRO WHO	- N	4				
8					50	CAEATES	100 04					
9						<u></u>		7				
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11												
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13												
14												
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16												

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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> 3654 Dr. Yousaf

To: **Engr. Sarfraz Ahmad**

Your Ref. No.

Project Engineer, Union Developers

Project: Construction of Overhead Water Reservoir of one hundred thousand gallon water capacity at its

Union Living Site, Canal Road Lahore.

Our Ref. No. CL/CED/ 9509

05/08/2022 Dated:

Test Specification

(ASTM C39)

29/07/2022 Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 01/08/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	OHWT, Lift # 3 (4000 Psi)	2	7	2022	6Diax12		13.8	28.28	67	5307		Non Engraved
2	OHWT, Lift # 3 (4000 Psi)	2	7	2022	6Diax12		13.8	28.28	80	6337		Non Engraved
3	OHWT, Lift # 3 (4000 Psi)	2	7	2022	6Diax12		13.8	28.28	72	5703		Non Engraved
4												
5						CINE	RING					
6						FILMADIA						
7						THE NAME THE NAME CORD WHO		<u></u>				
8					es	CABATES	3					
9							Z					
10						-/A	INRT.					
11												
12												
13												
14												
15												
16												

Witnessed by:

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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 comprerssive strength

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ORIGINAL

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> 3650 Engr. Ubaid

To: Mr. Waqas Ali

VARIANT, 25-t Gulberg 2, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9510
 Dated:
 05/08/2022
 Test Specification

 Your Ref. No.
 VA/29/24
 Dated:
 28/07/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Raft Pour-8 (Grid C to E. Line 3)	24	6	2022	6Diax12		13.2	28.28	61	4832		Non Engraved
2	Raft Pour-8 (Grid C to E. Line 3)	24	6	2022	6Diax12		14	28.28	77	6099		Non Engraved
3	Raft Pour-8 (Grid C to E. Line 3)	24	6	2022	6Diax12		14	28.28	62	4911		Non Engraved
4												
5						.CINE	RING					
6						Tarration !						
7						THE NAME THE NAME CORD WHILE	N	<u></u>				
8					es	CREATES	3	₹				
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10					(-/A	INRE .					
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12										-		
13												
14										-		
15												
16										-		

Witnessed by: Mr. Waqas Ali, CNIC # 35201-1159164-7

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

- 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.



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

ORIGINAL

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> 3650 Engr.Ubaid

To: Mr. Waqas Ali

VARIANT, 25-t Gulberg 2, Lahore

Project: Nil

 Our Ref. No. CL/CED/
 9511
 Dated:
 05/08/2022
 Test Specification

 Your Ref. No.
 VA/29/25
 Dated:
 28/07/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Col. (CL-2 to 6) SH. Wall-1	22	6	2022	6Diax12		14	28.28	100	7921		Non Engraved
2	Col. (CL-2 to 6) SH. Wall-1	22	6	2022	6Diax12		13.4	28.28	84	6653		Non Engraved
3	Col. (CL-2 to 6) SH. Wall-1	22	6	2022	6Diax12		13.4	28.28	84	6653		Non Engraved
4												
5						aNE	RING					
6						C INCADING						
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8					55	CREATES	(B. 02)	-				
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10					(-/A	INRE .					
11										-		
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13												
14												
15												
16												

Witnessed by: Mr. Wagas Ali, CNIC # 35201-1159164-7

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$

- 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

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> 3650 Engr. Ubaid

To: Mr. Waqas Ali

VARIANT, 25-t Gulberg 2, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9512
 Dated:
 05/08/2022
 Test Specification

 Your Ref. No.
 VA/29/23
 Dated:
 28/07/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Raft Pour-10 (Grid C to E. Line 2)	21	6	2022	6Diax12		14	28.28	80	6337		Non Engraved
2	Raft Pour-10 (Grid C to E. Line 2)	21	6	2022	6Diax12		13.8	28.28	83	6574		Non Engraved
3	Raft Pour-10 (Grid C to E. Line 2)	21	6	2022	6Diax12		14	28.28	80	6337		Non Engraved
4												
5						GINE	RING					
6						TARRADIAN I						
7						THE NAME OF THY LIORD WHO		<u></u>				
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10						-/A	INRE . "					
11												
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13												
14												
15												
16												
Witness	end by: Mr Wagas	ΛIi	CNIC	# 252	01 1150164 7							

Witnessed by: Mr. Waqas Ali, CNIC # 35201-1159164-7

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

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> 3669 Dr. Yousaf

To: **Kohinoor Maple Leaf Group**

Kohinoor Textile Mills (Raiwind Division).

Project: Construction of Chairman Office.

Our Ref. No. CL/CED/ 9513

Your Ref. No.

Dated: Dated: 05/08/2022

Test Specification

03/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RRC Slab	3	7	2022	6x6x6		8.4	36	81	5040		Non Engraved
2	RRC Slab	3	7	2022	6x6x6		8.2	36	80	4978		Non Engraved
3	RRC Slab	3	7	2022	6x6x6		8.2	36	89	5538		Non Engraved
4	RRC Slab	3	7	2022	6x6x6		8.4	36	107	6658		Non Engraved
5	RRC Slab	3	7	2022	6x6x6	allE	8.2	36	75	4667		Non Engraved
6	RRC Slab	3	7	2022	6x6x6	C SEADAN	8.4	36	94	5849		Non Engraved
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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.



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ORIGINAL

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3643 Dr. Umbreen

Test Specification

To: Muhammad Asif

Project Manager, Imperium Developers Pvt. Ltd.

Project: Construction of Sixty6 at Gulberg-III, Lahore. (B 1, RL Slab)

Our Ref. No. CL/CED/ 9514 Dated: 05/08/2022

Your Ref. No. IMP/PM/66/07/05 Dated: 28/7/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29/7/2022 Tested on: 02/08/2022 in dry/wet condition



Sr. No.	No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	C-1	29	6	2022	6Diax12		13.4	28.28	77	6099		Non Engraved
2	AA-1	29	6	2022	6Diax12		13.8	28.28	81	6416		Non Engraved
3	A-1	29	6	2022	6Diax12		13.8	28.28	73	5782		Non Engraved
4	A-2	29	6	2022	6Diax12		13.8	28.28	79	6257		Non Engraved
5	A-3	29	6	2022	6Diax12	GINE	RI 14	28.28	71	5624		Non Engraved
6	A-4	29	6	2022	6Diax12	Tegapay	13.2	28.28	75	5941		Non Engraved
7	A-5	29	6	2022	6Diax12	THE NIGHE OF THY LIGHT WHO	13.2	28.28	79	6257		Non Engraved
8	AA-5	29	6	2022	6Diax12	CHEATES	13.8	28.28	65	5149		Non Engraved
9	A-6	29	6	2022	6Diax12	X	14	28.28	81	6416		Non Engraved
10	AA-6	29	6	2022	6Diax12	-/A	14	28.28	73	5782		Non Engraved
11												
12												
13												
14												
15												
16												

Witnessed by: Ali Raza, CNIC # 35101-6472072-3

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 comprerssive strength

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> 3665 Engr. Ubaid

Test Specification

To: Engr. Shahid Iqbal

Manager Construction, Trans-Continental Freight Pvt Ltd.

Project: Construction of TAQ House - Gulberg at Plot No. 6F, Main Market, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 9515 Dated: 05/08/2022

Your Ref. No. 02/08/2022 THG/002/UET Dated: (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02/08/2022 Tested on: 04/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	on (%)	
1	#19 (3000 Psi)	29	6	2022	6Diax12		13	28.28	46	3644		Engraved
2	#20 (3000 Psi)	29	6	2022	6Diax12		13	28.28	47	3723		Engraved
3	#22 (3000 Psi)	29	6	2022	6Diax12		13	28.28	30	2376		Engraved
4	#23 (3000 Psi)	29	6	2022	6Diax12		12.8	28.28	34	2693		Engraved
5	#26 (3000 Psi)	1	7	2022	6Diax12	GINE	13	28.28	34	2693		Engraved
6	#27 (3000 Psi)	1	7	2022	6Diax12	The same	14	28.28	34	2693		Engraved
7	#30 (3000 Psi)	1	7	2022	6Diax12	THE NAME OF THY LIGHT WHO	13.2	28.28	19	1505		Engraved
8	#31 (3000 Psi)	1	7	2022	6Diax12	CHEATES	12.4	28.28	44	3485		Engraved
9	#35 (3000 Psi)	3	7	2022	6Diax12	%	13.2	28.28	37	2931		Engraved
10	#36 (3000 Psi)	3	7	2022	6Diax12	** /A	13	28.28	24	1901		Engraved
11	#37 (3000 Psi)	3	7	2022	6Diax12		12.4	28.28	56	4436		Engraved
12	#39 (3000 Psi)	4	7	2022	6Diax12		13	28.28	30	2376		Engraved
13	#40 (3000 Psi)	4	7	2022	6Diax12		13	28.28	29	2297		Engraved
14	#42 (3000 Psi)	4	7	2022	6Diax12		13	28.28	35	2772		Engraved
15												
16												

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

- 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.



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.

> 3641 Dr. Yousaf

To: Brig. (R) Saeed Ahmed Malik, SI (M)

Resident Engineer, NESPAK Highways & Transportation Engineering Division

Project: Establishment of Temporary Bakar Mandi for Sacrificial Animals at Raiwind Near Haveli Markaz

Opposite Nisar Spinning Mills Sundar Road (New) Lahore.

Our Ref. No. CL/CED/ 9516

05/08/2022 Dated:

Test Specification

Your Ref. No. 3071/BSAM/104/6448

Dated:

21/7/2022

(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 28/7/2022 Tested on: 05/08/2022 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Sword				8.6 x 4.1 x 3	3775	3495	35.26	49	3113	8.01	
Sword				8.8 x 4.3 x 3	3735	3400	37.84	47	2782	9.85	
Sword				8.8 x 4.3 x 3	3605	3365	37.84	42	2486	7.13	
Sword				8.5 x 4.1 x 2.9	3605	3365	34.85	49	3149	7.13	
Sword				8.6 x 4.2 x 2.9	3515	3205	36.12	43	2667	9.67	
Sword				8.8 x 4.3 x 3	3760	3350	37.84	45	2664	12.24	
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	Sword Sword Sword Sword Sword	Mark* DD Sword Sword Sword Sword Sword	Mark* DD MM Sword Sword Sword Sword Sword Sword	DD MM YYYY	Mark* DD MM YYYY (in) Sword 8.6 x 4.1 x 3 Sword 8.8 x 4.3 x 3 Sword 8.5 x 4.1 x 2.9 Sword 8.6 x 4.2 x 2.9 Sword 8.8 x 4.3 x 3	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/gms) Sword 8.6 x 4.1 x 3 3775 Sword 8.8 x 4.3 x 3 3735 Sword 8.8 x 4.3 x 3 3605 Sword 8.6 x 4.2 x 2.9 3515 Sword 8.8 x 4.3 x 3 3760 <td>Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Sword 8.6 x 4.1 x 3 3775 3495 Sword 8.8 x 4.3 x 3 3735 3400 Sword 8.8 x 4.3 x 3 3605 3365 Sword 8.6 x 4.2 x 2.9 3515 3205 Sword 8.8 x 4.3 x 3 3760 3350 <td>Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) Sword 8.6 x 4.1 x 3 3775 3495 35.26 Sword 8.8 x 4.3 x 3 3735 3400 37.84 Sword 8.8 x 4.3 x 3 3605 3365 37.84 Sword 8.6 x 4.2 x 2.9 3515 3205 36.12 Sword 8.8 x 4.3 x 3 3760 3350 37.84 8.8 x 4.3 x 3 3760 3350 37.84 <!--</td--><td>Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Imp.Tons) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 Sword 8.6 x 4.2 x 2.9 3615 3205 36.12 43 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45 </td><td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) (Kg/gms) XSection (Sq. in) (Imp.Tons) (psi) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 3113 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 2782 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 2486 Sword 8.6 x 4.2 x 2.9 3605 3365 34.85 49 3149 Sword 8.6 x 4.2 x 2.9 3515 3205 36.12 43 2667 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45 2664 </td><td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) on (%) Sword </td></td></td>	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Sword 8.6 x 4.1 x 3 3775 3495 Sword 8.8 x 4.3 x 3 3735 3400 Sword 8.8 x 4.3 x 3 3605 3365 Sword 8.6 x 4.2 x 2.9 3515 3205 Sword 8.8 x 4.3 x 3 3760 3350 <td>Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) Sword 8.6 x 4.1 x 3 3775 3495 35.26 Sword 8.8 x 4.3 x 3 3735 3400 37.84 Sword 8.8 x 4.3 x 3 3605 3365 37.84 Sword 8.6 x 4.2 x 2.9 3515 3205 36.12 Sword 8.8 x 4.3 x 3 3760 3350 37.84 8.8 x 4.3 x 3 3760 3350 37.84 <!--</td--><td>Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Imp.Tons) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 Sword 8.6 x 4.2 x 2.9 3615 3205 36.12 43 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45 </td><td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) (Kg/gms) XSection (Sq. in) (Imp.Tons) (psi) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 3113 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 2782 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 2486 Sword 8.6 x 4.2 x 2.9 3605 3365 34.85 49 3149 Sword 8.6 x 4.2 x 2.9 3515 3205 36.12 43 2667 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45 2664 </td><td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) on (%) Sword </td></td>	Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) Sword 8.6 x 4.1 x 3 3775 3495 35.26 Sword 8.8 x 4.3 x 3 3735 3400 37.84 Sword 8.8 x 4.3 x 3 3605 3365 37.84 Sword 8.6 x 4.2 x 2.9 3515 3205 36.12 Sword 8.8 x 4.3 x 3 3760 3350 37.84 8.8 x 4.3 x 3 3760 3350 37.84 </td <td>Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Imp.Tons) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 Sword 8.6 x 4.2 x 2.9 3615 3205 36.12 43 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45 </td> <td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) (Kg/gms) XSection (Sq. in) (Imp.Tons) (psi) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 3113 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 2782 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 2486 Sword 8.6 x 4.2 x 2.9 3605 3365 34.85 49 3149 Sword 8.6 x 4.2 x 2.9 3515 3205 36.12 43 2667 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45 2664 </td> <td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) on (%) Sword </td>	Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Imp.Tons) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 Sword 8.6 x 4.2 x 2.9 3615 3205 36.12 43 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45	Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) (Kg/gms) XSection (Sq. in) (Imp.Tons) (psi) Sword 8.6 x 4.1 x 3 3775 3495 35.26 49 3113 Sword 8.8 x 4.3 x 3 3735 3400 37.84 47 2782 Sword 8.8 x 4.3 x 3 3605 3365 37.84 42 2486 Sword 8.6 x 4.2 x 2.9 3605 3365 34.85 49 3149 Sword 8.6 x 4.2 x 2.9 3515 3205 36.12 43 2667 Sword 8.8 x 4.3 x 3 3760 3350 37.84 45 2664	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) on (%) Sword

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

- 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.



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.

> 3595 Dr. Yousaf

To: **Deputy Director**

PHATA Sub Region, Okara

Project: Construction of Houses 3-Marla & 5-Marla in ADS-II Renala Khurd District Okara Under Naya

Pakistan Housing Program. (M/S Pak Shahid Developers & JV Recent Construction).

Our Ref. No. CL/CED/ 9517 05/08/2022 Dated:

Your Ref. No. Dated: 19/7/2022 Memo No. 808

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 22/7/2022 Tested on: 05/08/2022 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
S10S				8.7 x 4.1 x 2.8	3315	2845	35.67	30	1884	16.52	
S10S				8.7 x 4 x 2.7	2985	2590	34.8	28	1802	15.25	
S10S				8.7 x 4 x 2.7	3240	2815	34.8	31	1995	15.1	
ABC				8.7 x 4.3 x 2.8	3275	2840	37.41	36	2156	15.32	
ABC				8.7 x 4.3 x 2.9	3490	3045	37.41	36	2156	14.61	
ABC				8.7 x 4.3 x 2.8	3420	2995	37.41	26	1557	14.19	
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	S10S S10S S10S ABC ABC	Mark* DD \$10S \$10S \$10S ABC ABC	Mark* DD MM S10S S10S S10S ABC ABC ABC	S10S S10S S10S S10S ABC ABC	Mark* DD MM YYYY (in) S10S 8.7 x 4.1 x 2.8 S10S 8.7 x 4 x 2.7 S10S 8.7 x 4 x 2.7 ABC 8.7 x 4.3 x 2.8 ABC 8.7 x 4.3 x 2.8 ABC 8.7 x 4.3 x 2.8 8.7 x 4.3 x 2.8	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) S10S 8.7 x 4.1 x 2.8 3315 2845 35.67 S10S 8.7 x 4 x 2.7 2985 2590 34.8 S10S 8.7 x 4.2.7 3240 2815 34.8 ABC 8.7 x 4.3 x 2.8 3275 2840 37.41 ABC 8.7 x 4.3 x 2.9 3490 3045 37.41 8.7 x 4.3 x 2.8 3420 2995 37.41	Mark*	Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) (Kg/gms) XSection (Sq. in) (Imp.Tons) (psi) S10S 8.7 x 4.1 x 2.8 3315 2845 35.67 30 1884 S10S 8.7 x 4.2.7 2985 2590 34.8 28 1802 S10S 8.7 x 4.3 x 2.7 3240 2815 34.8 31 1995 ABC 8.7 x 4.3 x 2.8 3275 2840 37.41 36 2156 ABC 8.7 x 4.3 x 2.9 3490 3045 37.41 36 2156 ABC 8.7 x 4.3 x 2.8 3420 2995 37.41 26 1557	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) S10S

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

- 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.



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.

> 3602 Dr. Yousaf

Test Specification

To: Major Bilal Khan Yousafzai

for Director General Pakistan Rangers (Punjab)

Project: Construction of Office Block at Headquarters Pakistan Rangers (Punjab) Lahore.

Our Ref. No. CL/CED/ 9518 05/08/2022

Your Ref. No. 16/7/2022 2289/Works/1183/2022 Dated: (BS 3921**)

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 25/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	AA				8.8 x 4.3 x 3	3800	3390	37.84	37	2190	12.09	
2	AA				8.8 x 4.3 x 3.1	3830	3365	37.84	36	2131	13.82	
3	AA				8.8 x 4.3 x 3	3810	3365	37.84	35	2072	13.22	
4	AA				8.8 x 4.3 x 3	3730	3335	37.84	38	2249	11.84	
5	AA				9 x 4.3 x 3.1	3980	3510	38.7	31	1794	13.39	
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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 comprerssive strength

- 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.



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.

> 3564 Dr. Yousaf

Test Specification

To: Mr. Shahzad Muneer

Team Leader, G3 Engineering Consultants (Pvt) Ltd.

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No

7126) UC No. 117, UC No. 119, UC No. 120, UC No. 121 (Tibba Sadha Singh) Depalpur

Our Ref. No. CL/CED/ 9519 05/08/2022 Dated:

Your Ref. No. G3/0265/TPV/12 15/7/2022 Dated: (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 15/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress		Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made Double Line				8.9 x 4.1 x 2.8	3345	2955	36.49	39	2394	13.2	Used Sample
2	Machine Made Double Line				8.7 x 4.2 x 2.8	3265	2890	36.54	38	2330	12.98	Used Sample
3	Machine Made Double Line				8.7 x 4.2 x 3	3160	2690	36.54	34	2084	17.47	Used Sample
4	Machine Made Double Line				8.8 x 4.3 x 3	3340	2935	37.84	35	2072	13.8	Used Sample
5	Machine Made Double Line				8.8 x 4.1 x 3	3225	2960	36.08	37	2297	8.95	Used Sample
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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 comprerssive strength

- 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.



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.

> 3564 Dr. Yousaf

Test Specification

(----)

To: Mr. Shahzad Muneer

Team Leader, G3 Engineering Consultants (Pvt) Ltd

Project: Extension Rehabilitation of Urban Sewerage Scheme Kamalia City Phase II (GS-1442)

Our Ref. No. CL/CED/ 9520 Dated: 05/08/2022

Your Ref. No. 06/07/2022 G3/0265/TPV/6 Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 15/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	water	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	on (%)	
1	A1				8.8 x 4.3 x 2.8	3200	2715	37.84	38	2249	17.86	Used Sample
2	A1				8.7 x 4.3 x 2.8	3245	2745	37.41	25	1497	18.21	Used Sample
3	A1				8.7 x 4.2 x 2.8	3125	2705	36.54	37	2268	15.53	Used Sample
4	A1				8.7 x 4.2 x 2.9	3145	2720	36.54	40	2452	15.63	Used Sample
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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 comprerssive strength

- 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.



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.

> 3564 Dr. Yousaf

Test Specification

(----)

To: Mr. Shahzad Muneer

Team Leader, G3 Engineering Consultants (Pvt) Ltd

Project: Completion of schemes under Community Development Programme in Sahiwal Division (GS No

7126) UC Subhan Shah Chak No. 28/D, 30/D, 27/D & 18/D (Depalpur)

Our Ref. No. CL/CED/ 9521 05/08/2022 Dated:

G3/0265/TPV/15 Your Ref. No. Dated: 15/7/2022

COMPRESSION TEST REPORT

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

Specimens received on: 15/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti Remarks	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	ок				8.8 x 4.3 x 2.8	3140	2720	37.84	24	1421	15.44	Used Sample
2	ок				8.8 x 4.2 x 2.7	3080	2525	36.96	18	1091	21.98	Used Sample
3	ок				8.6 x 4.3 x 2.8	3190	2725	36.98	22	1333	17.06	Used Sample
4	ВК				8.5 x 4.3 x 3.1	3020	2540	36.55	32	1961	18.9	Used Sample
5	вк				8.6 x 4.2 x 2.9	3120	2615	36.12	23	1426	19.31	Used Sample
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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 comprerssive strength

- 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.



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.

> 3564 Dr. Yousaf

To: Mr. Shahzad Muneer

Team Leader, G3 Engineering Consultants (Pvt) Ltd

Project: Completion of schemes under Community Development Programme in Sahiwal Division (GS No

7126) UC No 133 (Awan Kalan) Depalpur

Our Ref. No. CL/CED/ 9522

Dated: 05/08/2022

Test Specification

Your Ref. No. G3/0265/TPV/13

Dated: 15/7/2022

(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 15/7/2022 Tested on: 05/08/2022 in dry/wet condition



Sr. No. Mark*		Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	ess Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made Double Line				8.8 x 4.3 x 2.8	3360	2940	37.84	35	2072	14.29	Used Sample
2	Machine Made Double Line				8.6 x 4.1 x 2.8	3125	2800	35.26	42	2668	11.61	Used Sample
3	Machine Made Double Line				8.7 x 4.2 x 2.8	3260	2910	36.54	31	1900	12.03	Used Sample
4	Machine Made Double Line				8.5 x 4.3 x 2.8	3245	2805	36.55	34	2084	15.69	Used Sample
5	Machine Made Double Line				8.8 x 4.1 x 2.7	3290	3040	36.08	42	2608	8.22	Used Sample
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Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$

- 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

- 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.