



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1905  
Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division, Shahkot.

Project: Construction of Residences at RHC Muhammad Pura Tehsil Shahkot District Nankana Sahib.

Our Ref. No. CL/CED/

6031

Dated:

10/11/2021

Your Ref. No.

2517/Skt

Dated:

7/1/2021

## COMPRESSION TEST REPORT

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

Specimens received on:

9/15/2021

Tested on:

10/8/2021

in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	S-1		8.8x4.3x2.9	3168	37.84	33	1960	
2	S-1		8.7x4.3x3.0	3224	37.41	44	2640	
3	S-1		8.9x4.3x2.9	3190	38.27	42	2460	
4	S-1		8.8x4.3x2.9	3240	37.84	26	1540	
5	S-1		8.8x4.2x3.0	3178	36.96	33	2000	
6	Machine Made		8.8x4.2x2.9	3052	36.96	49	2970	
7	Machine Made		8.8x4.3x2.8	3108	37.84	34	2020	
8	Machine Made		8.7x4.3x2.9	3078	37.41	38	2280	
9	Machine Made		8.8x4.2x2.9	2998	36.96	43	2610	
10	Machine Made		8.7x4.3x2.8	3163	37.41	40	2400	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

\* as engraved on the specimens (if any)

\*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption



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2005  
Dr. Aqsa

To: **Azmam Farooq S/O Muhammad Farooq Ahmad.**  
**M. Aslam & Brothers, Gullburg Town, Housing Colony, Lahore.**  
**Project: Nil**

Our Ref. No. CL/CED/ 6032 Dated: 10/11/2021

Your Ref. No. Nil Dated: 10/1/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 10/1/2021 Tested on: 10/8/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		10	8	2021	6Diax12	14	28.28	42	3330	Non Engraved
2		10	8	2021	6Diax12	13.4	28.28	39	3090	Non Engraved
3		10	8	2021	6Diax12	13.6	28.28	67	5310	Non Engraved
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2005  
Dr. Aqsa

To: **Azmam Farooq S/O Muhammad Farooq Ahmad.**  
**M. Aslam & Brothers, Gullburg Town, Housing Colony, Lahore.**  
Project: Nil

Our Ref. No. CL/CED/ 6033 Dated: 10/11/2021

Your Ref. No. Nil Dated: 10/1/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 10/1/2021 Tested on: 10/8/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		5	8	2021	6Diax12	13.2	28.28	58	4600	Non Engraved
2		5	8	2021	6Diax12	13.4	28.28	65	5150	Non Engraved
3		5	8	2021	6Diax12	13.6	28.28	81	6420	Non Engraved
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2005  
Dr. Aqsa

To: **Azmam Farooq S/O Muhammad Farooq Ahmad.**  
**M. Aslam & Brothers, Gullburg Town, Housing Colony, Lahore.**  
Project: Nil

Our Ref. No. CL/CED/ 6034 Dated: 10/11/2021

Your Ref. No. Nil Dated: 10/1/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 10/1/2021 Tested on: 10/8/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		5	8	2021	6Diax12	13.2	28.28	55	4360	Non Engraved
2		5	8	2021	6Diax12	13.4	28.28	68	5390	Non Engraved
3		5	8	2021	6Diax12	13.4	28.28	58	4600	Non Engraved
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2005  
Dr. Aqsa

To: **Azmam Farooq S/O Muhammad Farooq Ahmad.**  
**M. Aslam & Brothers, Gullburg Town, Housing Colony, Lahore.**  
**Project: Nil**

Our Ref. No. CL/CED/ 6035 Dated: 10/11/2021

Your Ref. No. Nil Dated: 10/1/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 10/1/2021 Tested on: 10/8/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1		10	8	2021	6Diax12	13.8	28.28	68	5390	Non Engraved
2		10	8	2021	6Diax12	13.4	28.28	39	3090	Non Engraved
3		10	8	2021	6Diax12	13.6	28.28	66	5230	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

1995

Engr. Ubaid

To: **M. Shahbaz Iqbal**  
**For BPS (Pvt) Ltd.**  
**Project: Alpha Homes (Apartments).**

Our Ref. No. CL/CED/ 6036 Dated: 10/11/2021

Your Ref. No. Nil Dated: 9/29/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 9/29/2021 Tested on: 10/6/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1	Column	30	8	2021	6Diax12	14	28.28	57	4520	Non Engraved
2	Column	30	8	2021	6Diax12	14	28.28	53	4200	Non Engraved
3	Column	30	8	2021	6Diax12	14	28.28	56	4440	Non Engraved
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1951  
Engr. Ubaid

To: **M. Shahbaz Iqbal**  
**For BPS (Pvt) Ltd.**  
**Project: Alpha Homes (Apartments).**

Our Ref. No. CL/CED/ 6037 Dated: 10/11/2021

Your Ref. No. Nil Dated: 9/22/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 9/22/2021 Tested on: 10/6/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1	Column	23	8	2021	6Diax12	13.1	28.28	45	3570	Non Engraved
2	Column	23	8	2021	6Diax12	13.1	28.28	46	3650	Non Engraved
3	Column	23	8	2021	6Diax12	13.6	28.28	58	4600	Non Engraved
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University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1914  
Dr Aqsa

To: **M. Shahbaz Iqbal**  
**For BPS (Pvt) Ltd.**  
**Project: Alpha Homes (Apartments).**

Our Ref. No. CL/CED/ 6038 Dated: 10/11/2021

Your Ref. No. Nil Dated: 9/15/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 9/15/2021 Tested on: 10/5/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(G.F) Lift Wall & Column	16	8	2021	6Diax12	14	28.28	62	4920	Non Engraved
2	(G.F) Lift Wall & Column	16	8	2021	6Diax12	14.2	28.28	90	7130	Non Engraved
3	(G.F) Lift Wall & Column	16	8	2021	6Diax12	14	28.28	56	4440	Non Engraved
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1914

Dr Aqsa

To: **M. Shahbaz Iqbal**  
**For BPS (Pvt) Ltd.**  
**Project: Alpha Homes (Apartments).**

Our Ref. No. CL/CED/

6039

Dated:

10/11/2021

Your Ref. No.

Nil

Dated:

9/15/2021

## COMPRESSION TEST REPORT

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

Specimens received on:

9/15/2021

Tested on:

10/5/2021

in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(G.F) Shear Wall & F.F Column	6	9	2021	6Diax12	13	28.28	48	3810	Non Engraved
2	(G.F) Shear Wall & F.F Column	6	9	2021	6Diax12	13.2	28.28	49	3890	Non Engraved
3	(G.F) Shear Wall & F.F Column	6	9	2021	6Diax12	13.2	28.28	48	3810	Non Engraved
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1983  
Dr. Mazhar

**To: Mr. Farhan Shahid Buttar**  
**Deputy Director ES (Civil), CAA, AllAP, Lahore.**  
**Project: Rehabilitation/ Rectification Works for PSO Refuelling Pits at Apron, AllAP, Lahore.**

Our Ref. No. CL/CED/ 6040 Dated: 10/11/2021

Your Ref. No. AllAP/1656-01/102/LACV/II Dated: 9/28/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 9/28/2021 Tested on: 9/29/2021 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	Fuel Pits	16	8	2021	6x6x6	8.8	36	98	6100	Non Engraved
2	Fuel Pits	16	8	2021	6x6x6	8.8	36	49	3050	Non Engraved
3	Fuel Pits	16	8	2021	6x6x6	8.8	36	67	4170	Non Engraved
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