

Dated:

Weight

University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

To: Sub Divisional Officer

Dr. Aqsa

1905

**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

7/1/2021

Ultimate

Ultimate

#### COMPRESSION TEST REPORT

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

Casting

Specimens received on: 9/15/2021 Tested on: 10/8/2021 in dry/wet condition

Size

	1	Date*	Size	vveigni	Area or	Ullimate	Ullimate	ļ
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
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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<sup>\*</sup> as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

2005

To: Azmam Farooq S/O Muhammad Farooq Ahmad.

Dr. Aqsa

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

		Cas	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		10	8	2021	6Diax12	14	28.28	42	3330	Non Engraved
2		10	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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<sup>\*</sup> as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

2005

To: Azmam Farooq S/O Muhammad Farooq Ahmad.

Dr. Aqsa

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

		Ca	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/\	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		5	8	2021	6Diax12	13.2	28.28	58	4600	Non Engraved
2		5	5 8 2021		6Diax12	13.4	28.28	65	5150	Non Engraved
3		5	5 8 2021		6Diax12	13.6	28.28	81	6420	Non Engraved
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<sup>\*</sup> as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

2005

To: Azmam Farooq S/O Muhammad Farooq Ahmad.

Dr. Aqsa

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

		Ca	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/\	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
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	5 8 2021		6Diax12	13.4	28.28	58	4600	Non Engraved
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<sup>\*</sup> as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

2005

To: Azmam Farooq S/O Muhammad Farooq Ahmad.

Dr. Aqsa

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

		Cas	Casting Date* /Wet Weight		Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W			/Wet Weight		(in)	(lbs./gms)	X-Section	load
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1		10	8	2021	6Diax12	13.8	28.28	68	5390	Non Engraved
2		10	10 8 2021		6Diax12	13.4	28.28	39	3090	Non Engraved
3		10	0 8 2021		6Diax12	13.6	28.28	66	5230	Non Engraved
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<sup>\*</sup> as engraved on the specimens (if any)

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



University of Engineering and Technology, Lahore 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

		Cas	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Column	30	8	2021	6Diax12	14	28.28	57	4520	Non Engraved
2	Column	30	30 8 2021		6Diax12	14	28.28	53	4200	Non Engraved
3	Column	30	30 8 2021		6Diax12	14	28.28	56	4440	Non Engraved
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<sup>\*</sup> as engraved on the specimens (if any)

<sup>\*\*</sup> RS3021 requires average of ten clay brick samples for crushing strength and water absorption



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

1951

Engr. Ubaid

To: M. Shahbaz Iqbal

For BPS (Pvt) Ltd.
Project: Alpha Homes (Apartments).

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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

		Cas	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Column	23	8	2021	6Diax12	13.1	28.28	45	3570	Non Engraved
2	Column	23	23 8 2021		6Diax12	13.1	28.28	46	3650	Non Engraved
3	Column	23	23 8 2021		6Diax12	13.6	28.28	58	4600	Non Engraved
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<sup>\*</sup> as engraved on the specimens (if any)

<sup>\*\*</sup> RS3021 requires average of ten clay brick samples for crushing strength and water absorption



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

Area of

Ultimate

Ultimate

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

Casting Date\*

### **COMPRESSION TEST REPORT**

Weight

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

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

Size

		Cas	sung	Date	Size	vveignt	Area or	Ullimate	Ullimate	
Sr. No.	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
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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<sup>\*</sup> as engraved on the specimens (if any)

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



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/ 6039 Dated: 10/11/2021

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

Casting Date\*

### **COMPRESSION TEST REPORT**

Weight

Ultimate

Area of

Ultimate

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

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

Size

Sr. No.	Mark*	/\		Weight ms)	(in)	(lbs./gms)	X-Section (Sq. in)	load (Tons/lbs)	Stress (Psi)	Remarks
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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<sup>\*</sup> as engraved on the specimens (if any)

<sup>\*\*</sup> RS3921 requires average of ten clay brick samples for crushing strength and water absorption



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

1983

To: Mr. Farhan Shahid Buttar

Dr. Mazhar

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

AIIAP/1656-

Your Ref. No. 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

		Ca	stin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Fuel Pits	/W	/et \	Neight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
O			(gr	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
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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<sup>\*</sup> as engraved on the specimens (if any)



University of Engineering and Technology, Lahore Phone Nos. 042-99029202, 042-99029217

> 2071 Dr. Burhar Shari

Mr.M.Saleem

M/s Saleem Construction Company, Engineer & Contractors, Lahore

**Project: Nil** 

12

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Our Ref. No. CL/CED/ 6041 Dated: 10/11/2021

Slender test (N.T.N 2872696-

Your Ref. No. Dated: 7) 10/11/2021

#### **COMPRESSION TEST REPORT**

Tested on:

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

10/11/2021 10/11/2021 in dry/wet condition Specimens received on: Casting Date\* Size Weight Area of Ultimate Ultimate ģ /Wet Weight (lbs./gms) X-Section Mark\* (in) load Stress Remarks (Tons/lbs) (gms) (Sq. in) (Psi) First Floor Slab Grid 8 3 10 2021 14.2 28.28 49 1 6X6X6 3890 Engraved First Floor Slab Grid 8 3 10 2021 6X6X6 4200 2 14 28.28 53 Engraved 3 4 5 6 7 8 9 10 11