

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

#### To: Wasif Manzoor

247 Dr. Umbreen

#### Project: Ghauri Tyres Ware House Building 1st Floor Slab and Beams

Our Ref. No. CL/CED/	1394	Dated:	17-12-20
Your Ref. No.	Nil	Dated:	07-12-20

### **COMPRESSION TEST REPORT**

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

Ghauri Tyres (Salman Developers), Lahore

Specimens received on:

11-12-20 Tested on:

16-12-20 in dry/wet condition

		1				1				]
		Casting Date* Mark* /Wet Weight		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*			(in)	(lbs./gms)	X- Section	load	Stress	Remarks	
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	3000 Psi	2	11	2020	6Diax12	14	28.28	63	4990	Non Engraved
2	3000 Psi	2	11	2020	6Diax12	14	28.28	63	4990	Non Engraved
3	3000 Psi	2	11	2020	6Diax12	13.8	28.28	63	4990	Non Engraved
4	3000 Psi	2	11	2020	6Diax12	14	28.28	61	4840	Non Engraved
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website 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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

\*\*\*\* 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

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)



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

To: Muhammad Sagib (Director)

248 Dr Umbreen

# Ali Saqlain Real Estate & Builders, Lahore

#### Project: Construction of SQ-99 Mall in Bahria Town Lahore

Our Ref. No. CL/CED/	1395	Dated:	17-12-20
Your Ref. No.	LHR-581	Dated:	10-12-20

### COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 11-12-20

16-12-20 in dry/wet condition

		Casting		g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	٨	Vet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	1 2	3	12	2020	6Diax12	13.4	28.28	27	2140	Engraved
2	1 4	3	12	2020	6Diax12	13.4	28.28	27	2140	Engraved
3	17	3	12	2020	6Diax12	13.6	28.28	37	2940	Engraved
4	19	3	12	2020	6Diax12	13.6	28.28	43	3410	Engraved
5	2 0	3	12	2020	6Diax12	13.4	28.28	34	2700	Engraved
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)



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

To: Muhammad Sagib (Director)

264 Dr. Umbreen

# Ali Saqlain Real Estate & Builders, Lahore

#### Project: Construction of SQ-99 Mall in Bahria Town Lahore

Our Ref. No. CL/CED/	1396	Dated:	17-12-20
Your Ref. No.	LHR-589	Dated:	14-12-20

### COMPRESSION TEST REPORT

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

Specimens received on:

14-12-20 Tested on: 16-12-20 in dry/wet condition

Casting Date\* Size Weight Area of Ultimate Ultimate Š Х-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ັດ (Tons/lbs) (gms) (Sq. in) (Psi) 1 18 11 2020 6Diax12 14 28.28 43 3410 Non Engraved 24 2 2020 6Diax12 14.6 11 28.28 43 3410 Engraved 6Diax12 3 24 11 2020 14 28.28 39 3090 Engraved 4 5 6 7 8 9 10 11 12 13 14 15 16

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supervisor(lab)



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

To: Muhammad Saleem (GM)

263 Dr. Umbreen

Professional Construction Services (Pvt.) Ltd. Lahore Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Ground Floor Column & Retaining Walls at Grid A~K/1~7)

Our Ref. No. CL/CED/	1397	Dated:	17-12-20
Your Ref. No.	PCS/2020/Eng-102	Dated:	14-12-20

### **COMPRESSION TEST REPORT**

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

Specimens received on:

14-12-20 T

Tested on:

16-12-20 in dry/wet condition

·		1				1	1			
		С	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	Wet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
С			(gi	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	9	12	2020	6Diax12	14	28.28	47	3730	Non Engraved
2	(1:1.5:3)	9	12	2020	6Diax12	14	28.28	49	3890	Non Engraved
3										
4										
5										
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14										
15										
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be interpreted in the light of above factors by the engineer.

Director/Dy. Director Concrete Laboratory

supervisor(lab)



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

To: Muhammad Saleem (GM)

263

Dr. Umbreen

Professional Construction Services (Pvt.) Ltd. Lahore Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Basement Retaining Walls at Grid A~K/1~7)

Our Ref. No. CL/CED/	1398	Dated:	17-12-20
Your Ref. No.	PCS/2020/Eng-101	Dated:	14-12-20

### COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

14-12-20

16-12-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)		Size (in)	Weight (Ibs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks	
1	(1:1.5:3)	15	11	2020	6Diax12	14.8	28.28	69	5470	Non Engraved
2	(1:1.5:3)	15	11	2020	6Diax12	15	28.28	67	5310	Non Engraved
3										
4										
5										
6										
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8										
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14										
15										
16										

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supervisor(lab)



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

#### To: Khalil Ahmad (Project Manager) S.A Garden (Pvt.) Ltd. KSK

259 Dr. Umbreen

Project: SA Garden Kala Shah Kaku, Phase-1

Our Ref. No. CL/CED/ 1399 Dated: 17-12-20

Dated: Your Ref No SA/PM/Dev/205 14-12-20

### COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

14-12-20

16-12-20 in dry/wet condition

	Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
ວັ Z. Mark* Λ ຜັ		/et W	eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
Raft Foundation	16	11	2020	6x6x6	8.8	36	35	2180	Non Engraved
Raft Foundation	16	11	2020	6x6x6	8.6	36	29	1810	Non Engraved
Raft Foundation	16	11	2020	6x6x6	8.8	36	27	1680	Non Engraved
Wall and Columns	22	11	2020	6x6x6	8.6	36	35	2180	Non Engraved
Wall and Columns	22	11	2020	6x6x6	8.4	36	61	3800	Non Engraved
Wall and Columns	22	11	2020	6x6x6	8.8	36	37	2310	Non Engraved
Outer Wall North Side	2	12	2020	6x6x6	8.8	36	59	3680	Non Engraved
Outer Wall North Side	2	12	2020	6x6x6	8.6	36	69	4300	Non Engraved
Outer Wall North Side	2	12	2020	6x6x6	8.4	36	53	3300	Non Engraved
Slope East Side	4	12	2020	6x6x6	8.6	36	61	3800	Non Engraved
Slope East Side	4	12	2020	6x6x6	8.6	36	45	2800	Non Engraved
Slope East Side	4	12	2020	6x6x6	9	36	69	4300	Non Engraved
	Raft FoundationRaft FoundationRaft FoundationWall and ColumnsWall and ColumnsWall and ColumnsOuter Wall North SideOuter Wall North SideOuter Wall North SideSlope East SideSlope East SideSlope East Side	Mark*///Raft Foundation16Raft Foundation16Raft Foundation16Wall and Columns22Wall and Columns22Wall and Columns22Outer Wall North Side2Outer Wall North Side2Outer Wall North Side2Slope East Side4Slope East Side4Slope East Side4Slope East Side4Slope East Side4Slope East Side4	Mark*//Wet WRaft Foundation1611Raft Foundation1611Raft Foundation1611Raft Foundation1611Wall and Columns2211Wall and Columns2211Wall and Columns2211Outer Wall North Side212Outer Wall North Side212Outer Wall North Side212Slope East Side412Slope East Side412	Mark*       ////wet weight         Raft Foundation       16       11       2020         Wall and Columns       22       11       2020         Wall and Columns       22       11       2020         Wall and Columns       22       11       2020         Outer Wall North Side       2       12       2020         Outer Wall North Side       2       12       2020         Slope East Side       4       12       2020         Slope East Side       4<	Mark* $/// Vet Weight$ (in)         Raft Foundation       16       11       2020       6x6x6         Wall and Columns       22       11       2020       6x6x6         Wall and Columns       22       11       2020       6x6x6         Wall and Columns       22       11       2020       6x6x6         Outer Wall North Side       2       12       2020       6x6x6         Outer Wall North Side       2       12       2020       6x6x6         Outer Wall North Side       4       12       2020       6x6x6         Slope East Side       4       12       2020       6x6x6         Mark       12       2020       6x6x6       12         Mark	Mark* $/// Wet Weight$ (in)       (lbs./gms)         Raft Foundation       16       11       2020       6x6x6       8.8         Wall and Columns       22       11       2020       6x6x6       8.8         Wall and Columns       22       11       2020       6x6x6       8.8         Outer Wall North Side       2       12       2020       6x6x6       8.8         Outer Wall North Side       2       12       2020       6x6x6       8.6         Outer Wall North Side       2       12       2020       6x6x6       8.6         Slope East Side       4       12       2020       6x6x6       8.6         Slope East Side       4       12       2020       6x6x6       9         Slope East Side       4       12       2020       6x6x6       9         Image: Slope East Side       4       12       2020       6x6x6       9	Mark* $Wet Weight$ (in)       (lbs./gms) $X_{-Section}$ Raft Foundation       16       11       2020       6x6x6       8.8       36         Wall and Columns       22       11       2020       6x6x6       8.8       36         Wall and Columns       22       11       2020       6x6x6       8.8       36         Outer Wall North Side       2       12       2020       6x6x6       8.8       36         Outer Wall North Side       2       12       2020       6x6x6       8.6       36         Slope East Side       4       12       2020       6x6x6       8.6       36         Slope East Side       4       12       2020       6x6x6       8.6       36         Slope East Side       4       12       2020       6x6x6       9       36         Slope East Side       4       12	Mark* $\mathcal{W}$ $\mathcal{S}$ <	Mark* $W = W = W$ (in)         (lbs./gms) $X_{-}$ Section (Sq. in)         load         Stress (Psi)           Raft Foundation         16         11         2020         6x6x6         8.8         36         35         2180           Raft Foundation         16         11         2020         6x6x6         8.8         36         29         1810           Raft Foundation         16         11         2020         6x6x6         8.8         36         27         1680           Wall and Columns         22         11         2020         6x6x6         8.8         36         37         2310           Wall and Columns         22         11         2020         6x6x6         8.8         36         37         2310           Outer Wall North Side         2         12         2020         6x6x6         8.8         36         59         3680           Outer Wall North Side         2         12         2020         6x6x6         8.6         36         53         3300           Slope East Side         4         12         2020         6x6x6         8.6         36         61         3800           Slope East Side         4 </td

Results can also be seen on website

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supervisor(lab)



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

To: Sub Divisional Officer

262 Dr. Umbreen

Project: Up-gradation and Development of Shrine of Hazrat Bibi Pak Daman, Lahore

Our Ref. No. CL/CED/	1400	Dated:	17-12-20
Your Ref. No.	582/22nd	Dated:	12-12-20

### **COMPRESSION TEST REPORT**

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

**Buildings Sub Division No. 22, Lahore** 

Specimens received on:

14-12-20 Tested on:

16-12-20 in dry/wet condition

h					r	1		1		1
		Са	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	o N Mark*		Vet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Column / Pedestal Work	1	1 12 2020		6x6x6	8.6	36	55	3430	Non Engraved
2	Column / Pedestal Work	1	12	2020	6x6x6	8.6	36	73	4550	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)



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

To: Sub Divisional Officer

267 Dr. Umbreen

Buildings Sub Division No. 9, Lahore Project: Provincial Police Line of Punjab Highway Patrol at Jia Bagga, Lahore (Barracks First Floor)

Our Ref. No. CL/CED/	1401	Dated:	17-12-20
Your Ref. No.	176/9th	Dated:	19-10-20

### **COMPRESSION TEST REPORT**

Tested on:

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

Specimens received on:

15-12-20

16-12-20 in dry/wet condition

Sr. No.		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
	Mark*	/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
	(gms)			s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Column (1:1.5:3)	22	10	2020	6x6x6	8.8	36	55	3430	Non Engraved
2	Column (1:1.5:3)	22	10	2020	6x6x6	8.4	36	83	5170	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)



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

#### To: Major Munazzam Sajjad (Head of Administration) Imran Construction Company, Multan Project: Naubahar Bottling Company (Pvt.) Ltd. Gujranwala

Our Ref. No. CL/CED/	1402	Dated:	17-12-20
Your Ref. No.	Nil	Dated:	15-12-20

### COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

15-12-20

16-12-20 in dry/wet condition

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Dr. Umbreen

	Mark*	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.		/Wet Weight (gms)			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,							(Sq. in)	(Tons/lbs)	(Psi)	
1	Footing	28	11	2020	6x6x6	8.8	36	53	3300	Engraved
2	Footing	28	11	2020	6x6x6	8.6	36	67	4170	Engraved
3	Footing	28	11	2020	6x6x6	8.8	36	55	3430	Engraved
4	Column	4	12	2020	6x6x6	8.6	36	59	3680	Non Engraved
5	Column	4	12	2020	6x6x6	8.4	36	45	2800	Non Engraved
6	Column	4	12	2020	6x6x6	8.8	36	51	3180	Non Engraved
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)