

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

#### To: Altaf Hussain (M.E) **AS Enterprises Project: Style Textile Raiwind**

Our Ref. No. CL/CED/	9417	Dated:	06-12-19
Your Ref. No.	USD/ASE/18	Dated:	02-12-19

Tested on:

### COMPRESSION TEST REPORT

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

Specimens received on:

02-12-19

03-12-19 in dry/wet condition

n	1	1			1					
ÖZ Mark*		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
		M	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	C 20	25	11	2019	6x6x6	8.4	36	86	5360	Non Engraved
2	C 20	25	11	2019	6x6x6	8.4	36	89	5540	Non Engraved
3	C 20	25	11	2019	6x6x6	8.2	36	85	5290	Non Engraved
4	C 30	25	11	2019	6x6x6	8.4	36	85	5290	Non Engraved
5	C 30	25	11	2019	6x6x6	8.4	36	52	3240	Non Engraved
6	C 30	25	11	2019	6x6x6	8.2	36	57	3550	Non Engraved
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 comprensive 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)

### Director/Dy. Director Concrete Laboratory



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

#### To: Naseem Abbas Mianwali **Project: Nil**

Our Ref. No. CL/CED/	9418	Dated:	06-12-19
Your Ref. No.	Nil	Dated:	02-12-19

# COMPRESSION TEST REPORT

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

Specimens received on:

02-12-19 Tested on:

03-12-19 in dry/wet condition

9578

Engr. Ubaid

kr. No.	Mark*	Casting Date* /Wet Weight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
0)		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Concrete Cut Cube		4x4x4	2365	16	13.5	1890	
2	Concrete Cut Cube		3x3x3	1080	9	8.5	2120	
3								
4								
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 comprensive 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: SMK Properties (Pvt.) Ltd.

Unit No.11, Street No.15 F/1, Sector-A, Bahria Enclave, Pakistan Project: T.C.M sample, 3750 Psi rafts

Our Ref. No. CL/CED/	9419	Dated:	06-12-19
Your Ref. No.	Nil	Dated:	02-12-19

### COMPRESSION TEST REPORT

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

Specimens received on:

02-12-19 Tested on:

03-12-19 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
r. No.	Mark*	Λ	Vet V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	R C C (3750psi)	2	11	2019	6Diax12	14	28.28	36	2860	Non Engraved
2	R C C (3750psi)	2	11	2019	6Diax12	14	28.28	37	2940	Non Engraved
3										
4										
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 comprensive 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)

Director/Dy. Director Concrete Laboratory



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

#### To: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

9581 Dr. Aqsa

### Project: B2S, Site Id LMG007, Tower Foundation & ODU & DG PAD

Our Ref. No. CL/CE	)/	9420	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/	/e.co/B2S/038	Dated:	13-11-19

### COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 03-12-19

03-12-19 in dry/wet condition

-	Ci		astinę	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	٨	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	6	11	2019	6x6x6	8.2	36	100	6230	Non Engraved
2	(1:1.5:3)	6	11	2019	6x6x6	8.2	36	97	6040	Non Engraved
3										
4										
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 comprensive 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: M. Qasim Farooq (Project Manager)

9581 Dr. Aqsa

### SIA Engineers & Contractors,Gujranwala

Project: B2S, Site Id LLH027, Tower Foundation & ODU & DG PAD

Our Ref. No. CL/CEE	0/ 9421	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/039	Dated:	14-11-19

### **COMPRESSION TEST REPORT**

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

Specimens received on:

03-12-19 Tested on:

03-12-19 in o

9 in dry/wet condition

			Casting Da		Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No.	Mark*	Λ	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	7	11	2019	6x6x6	8.2	36	99	6160	Non Engraved
2	(1:1.5:3)	7	11	2019	6x6x6	8.4	36	90	5600	Non Engraved
3										
4										
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 comprensive 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: M. Qasim Farooq (Project Manager)

9581 Dr. Aqsa

# SIA Engineers & Contractors, Gujranwala

Project: B2S, Site Id LGTR05, Tower Foundation & ODU & DG PAD

Our Ref. No. CL/CE	D/ 9422	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/040	Dated:	13-11-19

Tested on:

### COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

(r										
ċ		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	M	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	16	10	2019	6x6x6	8.6	36	89	5540	Non Engraved
2	(1:1.5:3)	16	10	2019	6x6x6	8.2	36	91	5670	Non Engraved
3										
4										
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 comprensive 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: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

Project: B2S, Site Id LKL002, Tower Columns Foundation

Our Ref. No. CL/CED/	9423	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/041	Dated:	14-11-19

Tested on:

# COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	N	Vet W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	17	10	2019	6x6x6	8.2	36	90	5600	Non Engraved
2	(1:1.5:3)	17	10	2019	6x6x6	8.2	36	95	5920	Non Engraved
3										
4										
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 comprensive 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)

### Director/Dy. Director Concrete Laboratory



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

#### To: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

Project: B2S, Site Id LKL002, Tower Columns

Our Ref. No. CL/CE	D/	9424	Dated:	06-12-19
Your Ref. No.	SIA/Cube	es/e.co/B2S/042	Dated:	15-11-19

Tested on:

# COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

o Z Mark*		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
		M	Vet W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	18	10	2019	6x6x6	8.2	36	91	5670	Non Engraved
2	(1:1.5:3)	18	10	2019	6x6x6	8.2	36	102	6350	Non Engraved
3										
4										
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 comprensive 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)

### Director/Dy. Director Concrete Laboratory



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

9581 Dr. Aqsa

#### To: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

Project: B2S, Site Id IDNZ02, Tower Foundation & ODU & DG Pad

Our Ref. No. CL/CED	0/ 9425	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/046	Dated:	23-11-19

Tested on:

# COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
ŝr. No	Mark*	M	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	16	11	2019	6x6x6	8.6	36	91	5670	Non Engraved
2	(1:1.5:3)	16	11	2019	6x6x6	8.4	36	97	6040	Non Engraved
3										
4										
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 comprensive 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

9581 Dr. Aqsa

#### To: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

Project: B2S, Site Id LMG007, Tower Foundation & ODU & DG Pad

Our Ref. No. CL/CE	D/ 9426	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/047	Dated:	03-12-19

# COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 03-12-19

03-12-19 in dry/wet condition

		C	astinę	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	6	11	2019	6x6x6	8.4	36	94	5850	Non Engraved
2	(1:1.5:3)	6	11	2019	6x6x6	8.4	36	98	6100	Non Engraved
3										
4										
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 comprensive 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: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

9581 Dr. Aqsa

### Project: B2S, Site Id LLH027, Tower Foundation & ODU & DG Pad

Our Ref. No. CL/CEI	D/ 9427	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/048	Dated:	03-12-19

# COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 03-12-19

03-12-19 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No	Mark*	Λ	/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	7	11	2019	6x6x6	8.4	36	108	6720	Non Engraved
2	(1:1.5:3)	7	11	2019	6x6x6	8.4	36	96	5980	Non Engraved
3										
4										
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 comprensive 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: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

9581 Dr. Aqsa

### Project: B2S, Site Id LMBR61, Tower Foundation & ODU & DG Pad

Our Ref. No. CL/CE	0/ 9428	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/049	Dated:	29-11-19

Tested on:

### COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
r. No.	Mark*	M	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(gm	ıs)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1: 1.5 : 3)	22	11	2019	6x6x6	8	36	93	5790	Non Engraved
2	(1:1.5:3)	22	11	2019	6x6x6	8.4	36	107	6660	Non Engraved
3										
4										
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 comprensive 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: M. Qasim Farooq (Project Manager)

9581 Dr. Aqsa

#### SIA Engineers & Contractors, Gujranwala Project: B2S, Site Id LKL003, Tower Columns Foundation

Our Ref. No. CL/CED/	9429	Dated:	06-12-1

Your Ref. No.	SIA/Cubes/e.co/B2S/043	Dated:	21-11-19
---------------	------------------------	--------	----------

Tested on:

# COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

9

	Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Mark*	N	Vet W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S		(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
(1:1.5:3)	24	10	2019	6x6x6	8.4	36	79	4920	Non Engraved
(1:1.5:3)	24	10	2019	6x6x6	8.4	36	93	5790	Non Engraved
	Mark* (1:1.5:3) (1:1.5:3)	Mark*       Ca         (1:1.5:3)       24         (1:1.5:3)       24         1       1 <td>Mark*       Casting         (1:1.5:3)       24       10         (1:1.5:3)       24       10         (1:1.5:3)       24       10         1       1       1         1       1       <t< td=""><td>Mark*       Casting Date*         //// Wet Weight       (gms)         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)</td><td>Mark*         Casting Date*         Size           //// wet Weight         (in)           (1:1.5:3)         24         10         2019         6x6x6           (1:1.5:3)         14         10         10         10           (1:1.5:3)         14         11         11         11           (1:1.5:3)         11</td><td>Mark*         Casting Date*         Size         Weight (in)         Weight (lbs./gms)           <math>(1:1.5:3)</math>         24         10         2019         6x6x6         8.4           <math>(1:1.5:3)</math>         1         1         1         1         1         1           <math>(1:1.5</math></td><td>Mark*         Casting Date*         Size         Weight (in)         Weight (lbs./gms)         Area of X-Section (Sq. in)           <math>(1:1.5:3)</math>         24         10         2019         6x6x6         8.4         36           <math>(1:1.5:3)</math>         24         10         2019         2019         2019         2019         2019         2019           <math>(1:1.5:3)</math>         21<!--</td--><td>Mark*         Casting Date*         Size         Weight (in)         Area of (lbs./gms)         Ultimate Ioad           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         79           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         93           (1:1.5:3)         24         10         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019<td>Mark*         Casting Date*         Size         Weight (in)         Area of (bs./gms)         Ultimate         Ultimate         Ultimate           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         79         4920           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         2         1         1         1         1         1         1         1         1         1         1         1         1</td></td></td></t<></td>	Mark*       Casting         (1:1.5:3)       24       10         (1:1.5:3)       24       10         (1:1.5:3)       24       10         1       1       1         1       1 <t< td=""><td>Mark*       Casting Date*         //// Wet Weight       (gms)         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)</td><td>Mark*         Casting Date*         Size           //// wet Weight         (in)           (1:1.5:3)         24         10         2019         6x6x6           (1:1.5:3)         14         10         10         10           (1:1.5:3)         14         11         11         11           (1:1.5:3)         11</td><td>Mark*         Casting Date*         Size         Weight (in)         Weight (lbs./gms)           <math>(1:1.5:3)</math>         24         10         2019         6x6x6         8.4           <math>(1:1.5:3)</math>         1         1         1         1         1         1           <math>(1:1.5</math></td><td>Mark*         Casting Date*         Size         Weight (in)         Weight (lbs./gms)         Area of X-Section (Sq. in)           <math>(1:1.5:3)</math>         24         10         2019         6x6x6         8.4         36           <math>(1:1.5:3)</math>         24         10         2019         2019         2019         2019         2019         2019           <math>(1:1.5:3)</math>         21<!--</td--><td>Mark*         Casting Date*         Size         Weight (in)         Area of (lbs./gms)         Ultimate Ioad           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         79           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         93           (1:1.5:3)         24         10         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019<td>Mark*         Casting Date*         Size         Weight (in)         Area of (bs./gms)         Ultimate         Ultimate         Ultimate           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         79         4920           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         2         1         1         1         1         1         1         1         1         1         1         1         1</td></td></td></t<>	Mark*       Casting Date*         //// Wet Weight       (gms)         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       24       10       2019         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)         (1:1.5:3)       (1:1.5:3)       (1:1.5:3)       (1:1.5:3)	Mark*         Casting Date*         Size           //// wet Weight         (in)           (1:1.5:3)         24         10         2019         6x6x6           (1:1.5:3)         14         10         10         10           (1:1.5:3)         14         11         11         11           (1:1.5:3)         11	Mark*         Casting Date*         Size         Weight (in)         Weight (lbs./gms) $(1:1.5:3)$ 24         10         2019         6x6x6         8.4 $(1:1.5:3)$ 1         1         1         1         1         1 $(1:1.5$	Mark*         Casting Date*         Size         Weight (in)         Weight (lbs./gms)         Area of X-Section (Sq. in) $(1:1.5:3)$ 24         10         2019         6x6x6         8.4         36 $(1:1.5:3)$ 24         10         2019         2019         2019         2019         2019         2019 $(1:1.5:3)$ 21 </td <td>Mark*         Casting Date*         Size         Weight (in)         Area of (lbs./gms)         Ultimate Ioad           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         79           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         93           (1:1.5:3)         24         10         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019<td>Mark*         Casting Date*         Size         Weight (in)         Area of (bs./gms)         Ultimate         Ultimate         Ultimate           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         79         4920           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         2         1         1         1         1         1         1         1         1         1         1         1         1</td></td>	Mark*         Casting Date*         Size         Weight (in)         Area of (lbs./gms)         Ultimate Ioad           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         79           (1:1.5:3)         24         10         2019         6x6x6         8.4         36         93           (1:1.5:3)         24         10         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019         2019 <td>Mark*         Casting Date*         Size         Weight (in)         Area of (bs./gms)         Ultimate         Ultimate         Ultimate           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         79         4920           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         2         1         1         1         1         1         1         1         1         1         1         1         1</td>	Mark*         Casting Date*         Size         Weight (in)         Area of (bs./gms)         Ultimate         Ultimate         Ultimate           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         79         4920           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         24         10         2019         6x6x6         8.4         36         93         5790           (1: 1.5 : 3)         2         1         1         1         1         1         1         1         1         1         1         1         1

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 comprensive 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: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

Project: B2S, Site Id LKL003, Tower Columns

Our Ref. No. CL/CE	D/ 9	9430	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e	.co/B2S/044	Dated:	23-11-19

Tested on:

# COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
ŝr. No	Mark*	N	/et W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S S S S S S S S S S S S S S S S S S S			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	26	10	2019	6x6x6	8.4	36	86	5360	Non Engraved
2	(1:1.5:3)	26	10	2019	6x6x6	8.4	36	91	5670	Non Engraved
3										
4										
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 comprensive 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)

### **Director/Dy. Director Concrete Laboratory**



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

9581 Dr. Aqsa

#### To: M. Qasim Farooq (Project Manager) SIA Engineers & Contractors, Gujranwala

Project: B2S, Site Id LMBR60, Tower Foundation & ODU & DG Pad

Our Ref. No. CL/CEI	D/ 9431	Dated:	06-12-19
Your Ref. No.	SIA/Cubes/e.co/B2S/045	Dated:	25-11-19

Tested on:

### COMPRESSION TEST REPORT

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

Specimens received on:

03-12-19

03-12-19 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
ŝr. No	Mark*	M	/et W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	28	10	2019	6x6x6	8.2	36	108	6720	Non Engraved
2	(1:1.5:3)	28	10	2019	6x6x6	8.2	36	96	5980	Non Engraved
3										
4										
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 comprensive 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)