

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

To: Mr. Muneeb Ur Rehman (Senior District Engineer) Humqadam / Sialkot

1065 Dr. Umbreen

Project: Retro-Fitting / Humqadam SCRP-Sialkot (GPS Noul School, EMIS Code: 34330977)

CL/CED/	2834	Dated:	21-04-21
Your Ref. No.	Nil	Dated:	15-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

15-04-21 Tested on:

20-04-21 in dry/wet condition

		Ca	astin	ig Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	8	4	2021	2.0x2.0x2.0	281	4	11	6070	
2	Mortar Cube	8	4	2021	2.0x2.0x2.0	279	4	16	8820	
3	Mortar Cube	8	4	2021	2.0x2.0x2.0	284	4	11	6070	
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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

Mr. Muneeb Ur Rehman (Se Humqadam / Sialkot Project: Retro-Fitting / Hum	C		School, EMIS Code: 343309	Dr. Umbr 77)
Our Ref. No. CL/CED/	2835	Dated:	21-04-21	
Your Ref. No.	Nil	Dated:	15-04-21	

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

15-04-21

2

20-04-21 in dry/wet condition

		1				1	1			
ċ	Mark*	Ca	astin	ig Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.		N	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		8	4	2021	6Diax12	12.4	28.28	41	3250	Non Engraved
2		8	4	2021	6Diax12	12.6	28.28	41	3250	Non Engraved
3		8	4	2021	6Diax12	12.4	28.28	45	3570	Non Engraved
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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)

Director/Dy. Director Concrete Laboratory

1065 r. Umbreen



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

1069 Dr. Umbreen

To: Consultant

Project: Takbeer Tower			
Our Ref. No. CL/CED/	2836	Dated:	21-04-21
Your Ref. No.	Nil	Dated:	15-04-21

COMPRESSION TEST REPORT

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

Takbeer Tower, Mecload Road, Lahore

Specimens received on:

15-04-21 Tested on:

20-04-21 in dry/wet condition

			Ca	sting						
ġ			Da	ate*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	N	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S S			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		2	3	2021	6Diax12	14	28.28	41	3250	Engraved
2		2	3	2021	6Diax12	13.6	28.28	39	3090	Engraved
3										
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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: Consultant

1069 Dr. Umbreen

•			
Our Ref. No. CL/CED/	2837	Dated:	21-04-21
Your Ref. No.	Nil	Dated:	15-04-21

COMPRESSION TEST REPORT

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

Takbeer Tower, Mecload Road, Lahore

Project: Takbeer Tower

Specimens received on:

15-04-21 Tested on:

20-04-21

in dry/wet condition

		1								
		Ca	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Vet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(g	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1		2	3	2021	6x6x6	8.6	36	58	3610	Engraved
2		2	3	2021	6x6x6	8.6	36	58	3610	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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supervisor(lab)



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

To: Mr. Sajid Mahmood (Manager Construction Projects) Allied Bank Head Office, Lahore Project: Construction of ABL Building, 3-Babar Block, New Garden Town, Lahore Def No. CL/CED/ D - 4 -1

Our Ref. No. CL/CED/	2838	Dated:	21-04-21
Your Ref. No.	HOL/ENGG.C.P/2021/22	Dated:	19-04-21

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

19-04-21

20-04-21 in dry/wet condition

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		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	'et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	4th Floor Slab (514)	4	3	2021	6Diax12	13.4	28.28	67	5310	Non Engraved
2	4th Floor Slab (515)	4	3	2021	6Diax12	13.8	28.28	69	5470	Non Engraved
3	4th Floor Slab (516)	4	3	2021	6Diax12	13.4	28.28	69	5470	Non Engraved
4	Columns of 5th Floor (532)	14	3	2021	6Diax12	14	28.28	63	4990	Non Engraved
5	Columns of 5th Floor (533)	14	3	2021	6Diax12	14	28.28	61	4840	Non Engraved
6	Columns of 5th Floor (534)	14	3	2021	6Diax12	13.8	28.28	61	4840	Non Engraved
7										
8										
9										
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11										
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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)

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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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

1085 Dr. Umbreen



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

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Project: CMPAK, Site ID-43138, Pier Foundation Our Ref. No. CL/CED/ 2839 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/869 Dated: 08-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

1049

Dr. Umbreen

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		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	11	3	2021	6x6x6	8	36	59	3680	Non Engraved
2	(1:1.5:3)	11	3	2021	6x6x6	8	36	73	4550	Non Engraved
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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

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive 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

1049 Dr. Umbreen

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43379, Pier Foundation

Our Ref. No. CL/CED/ 2840 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/870 Dated: 09-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	12	3	2021	6x6x6	8	36	65	4050	Non Engraved
2	(1:1.5:3)	12	3	2021	6x6x6	8	36	57	3550	Non Engraved
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4										
5										
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11										
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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 comprerssive 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: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-42994, Column

1049 Dr. Umbreen

Our Ref. No. CL/C	ED/	2841	Dated:	21-04-21
Your Ref. No.	CME/Cut	pes/CMPAK/866	Dated:	11-04-21

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21

20-04-21 in dry/wet condition

		Ca	stind	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*			Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
Sr.							(Sq. in)	(Tons/lbs)	(Psi)	
			(gn	115)			(34. 11)	(10113/105)	(13)	
1	(1:1.5:3)	14	3	2021	6x6x6	8	36	65	4050	Non Engraved
2	(1:1.5:3)	14	3	2021	6x6x6	8.2	36	110	6850	Non Engraved
3										
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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

1049

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Dr. Umbreen

Project: CMPAK, Site ID-42994, Raft Foundation

Our Ref. No. CL/CED/ 2842 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/865 Dated: 10-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

ġ		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	13	13 3 2021		6x6x6	8.6	36	104	6480	Non Engraved
2	(1:1.5:3)	13	3	2021	6x6x6	8.2	36	110	6850	Non Engraved
3										
4										
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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

1049 Dr. Umbreen

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43384, Pier Foundation

Our Ref. No. CL/CED/ 2843 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/871 Dated: 25-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

		_								
ġ		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ŵ	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	18	3	2021	6x6x6	8	36	65	4050	Non Engraved
2	(1:1.5:3)	18	3	2021	6x6x6	8	36	69	4300	Non Engraved
3										
4										
5										
6										
7										
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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 comprerssive 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: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

1049 Dr. Umbreen

Project: CMPAK, Site ID-43385, Raft Foundation

Our Ref. No. CL/CED/ 2844 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/872 Dated: 29-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

		Ca	stind	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*			Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	22	3	2021	6x6x6	8.2	36	75	4670	Non Engraved
2	(1:1.5:3)	22	3	2021	6x6x6	8.4	36	81	5040	Non Engraved
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4										
5										
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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

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**** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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supervisor(lab)



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

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43385, Column

1049 Dr. Umbreen

Our Ref. No. CL/CI	ED/	2845	Dated:	21-04-21
Your Ref. No.	CME/Cube	s/CMPAK/873	Dated:	30-03-21

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21

20-04-21 in dry/wet condition

		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ŵ	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	23	23 3 2021		6x6x6	8	36	63	3920	Non Engraved
2	(1:1.5:3)	23	3	2021	6x6x6	8	36	75	4670	Non Engraved
3										
4										
5										
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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)

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supervisor(lab)



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

1049 Dr. Umbreen

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43394, Pier Foundation

Our Ref. No. CL/CED/ 2846 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/874 Dated: 24-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

·		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	17	3	2021	6x6x6	8	36	81	5040	Non Engraved
2	(1:1.5:3)	17	3	2021	6x6x6	8.2	36	81	5040	Non Engraved
3										
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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 comprerssive 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

1049 Dr. Umbreen

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43393, Pier Foundation

Our Ref. No. CL/CED/ 2847 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/875 Dated: 25-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

_		Cas	sting	g 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	(1:1.5:3)	18	3	2021	6x6x6	8	36	73	4550	Non Engraved
2	(1:1.5:3)	18	3	2021	6x6x6	8.6	36	65	4050	Non Engraved
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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 comprerssive 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

1049 Dr. Umbreen

To: Mr. Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43373, Pier Foundation

Our Ref. No. CL/CED/ 2848 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/876 Dated: 29-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

÷		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	22	3	2021	6x6x6	8.2	36	65	4050	Non Engraved
2	(1:1.5:3)	22	3	2021	6x6x6	8.2	36	75	4670	Non Engraved
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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 comprerssive 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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52970, Column

Our Ref. No. CL/CED/ 2849 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/896 Dated: 24-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

				D	0.					
		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0 0		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	17	3	2021	6x6x6	8.2	36	92	5730	Non Engraved
2	(1:1.5:3)	17	3	2021	6x6x6	8.2	36	83	5170	Non Engraved
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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 comprerssive 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

1049 Dr. Umbreen



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

To: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52970, Odu Pad

Our Ref. No. CL/CED/ 2850 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/897 Dated: 27-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

1049

Dr. Umbreen

		Ca	etin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
o										
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	20	3	2021	6x6x6	8.4	36	83	5170	Non Engraved
2	(1:1.5:3)	20	3	2021	6x6x6	8.4	36	77	4800	Non Engraved
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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 comprerssive 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

Mr. M. Furqan (Project Manager) To:

1049 Dr. Umbreen

CM Engineering (Pvt.) Ltd. Lanore	
Project: CMPAK, Site ID-52978, Raft Foundation	

Our Ref. No. CL/CEI	5/	2851	Dated:	21-04-21
Your Ref. No.	CME/Cubes	/CMPAK/898	Dated:	24-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

·		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	17	3	2021	6x6x6	8.2	36	100	6230	Non Engraved
2	(1:1.5:3)	17	3	2021	6x6x6	8.6	36	96	5980	Non Engraved
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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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52978, Column

Our Ref. No. CL/CED/ 2852 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/899 Dated: 26-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

1049

Dr. Umbreen

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		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ŵ	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
05			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	19	3	2021	6x6x6	8.2	36	94	5850	Non Engraved
2	(1:1.5:3)	19	3	2021	6x6x6	8.3	36	94	5850	Non Engraved
3										
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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 comprerssive 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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52978, Odu Pad

Our Ref. No. CL/CED/ 2853 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/900 Dated: 27-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

1049

Dr. Umbreen

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ō		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ŵ	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
05			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	20	3	2021	6x6x6	8.4	36	110	6850	Non Engraved
2	(1:1.5:3)	20	3	2021	6x6x6	8.2	36	88	5480	Non Engraved
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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 comprerssive 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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

1049 Dr. Umbreen

Project: CMPAK, Site ID-52962, Raft Foundation

Our Ref. No. CL/CED/ 2854 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/901 Dated: 23-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

		6.0	otina	~ Doto*	Size	Woight	Area of	Ultimate	Ultimate	
<u>o</u>				g Date*	Size	Weight	Area of			
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	16	3	2021	6x6x6	8.2	36	86	5360	Non Engraved
2	(1:1.5:3)	16	3	2021	6x6x6	8.6	36	96	5980	Non Engraved
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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 comprerssive 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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52962, Column

1049 Dr. Umbreen

Our Ref. No. CL/CI	ED/	2855	Dated:	21-04-21
Your Ref. No.	CME/Cube	s/CMPAK/902	Dated:	25-03-21

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21

20-04-21 in dry/wet condition

		Cas	sting	g 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	(1:1.5:3)	18	3	2021	6x6x6	8.6	36	96	5980	Non Engraved
2	(1:1.5:3)	18	3	2021	6x6x6	8	36	83	5170	Non Engraved
3										
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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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52962, Odu Pad

Our Ref. No. CL/CED/ 2856 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/903 Dated: 27-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

1049

Dr. Umbreen

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		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ŵ	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	20			6x6x6	8.4	36	110	6850	Non Engraved
2	(1:1.5:3)	20	3	2021	6x6x6	8.4	36	88	5480	Non Engraved
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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 comprerssive 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

1049 Dr. Umbreen

To: Mr. M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52615, Drill Pier / BTS Pad Our Ref. No. CL/CED/ 2857 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/904 Dated: 26-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	19	3	2021	6x6x6	8.4	36	104	6480	Non Engraved
2	(1:1.5:3)	19	3	2021	6x6x6	8	36	92	5730	Non Engraved
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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 comprerssive 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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52869, Odu Pad

1049 Dr. Umbreen

Our Ref. No. CL/CE	0/	2858	Dated:	21-04-21
Your Ref. No.	CME/Cubes	s/CMPAK/886	Dated:	07-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	10	3	2021	6x6x6	8.2	36	81	5040	Non Engraved
2	(1:1.5:3)	10	3	2021	6x6x6	8.4	36	106	6600	Non Engraved
3										
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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: Mr. Imran Akhtar (Project Manager)

1049 Dr. Umbreen

CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-43236, Pier Foundation

Our Ref. No. CL/CED/ 2859 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/877 Dated: 29-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

ġ		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	22	3	2021	6x6x6	8.4	36	92	5730	Non Engraved
2	(1:1.5:3)	22	3	2021	6x6x6	8.2	36	88	5480	Non Engraved
3										
4										
5										
6										
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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 comprerssive 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

1049 Dr. Umbreen

To: Mr. M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52817, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 2860 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/887 Dated: 21-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	14	3	2021	6x6x6	8.2	36	92	5730	Non Engraved
2	(1:1.5:3)	14	3	2021	6x6x6	8.2	36	92	5730	Non Engraved
3										
4										
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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 comprerssive 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

1049 Dr. Umbreen

To: Mr. M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52539, Drill Pier / BTS Pad Our Ref. No. CL/CED/ 2861 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/888 Dated: 22-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/W	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	15	3	2021	6x6x6	8.2	36	94	5850	Non Engraved
2	(1:1.5:3)	15	3	2021	6x6x6	8.4	36	86	5360	Non Engraved
3										
4										
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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 comprerssive 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

1049 Dr. Umbreen

To: Mr. M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52870, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 2862 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/889 Dated: 26-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.	Mark*			Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
Sr.	Wark				("")	(100.79110)				Remains
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	19	19 3 2021		6x6x6	8.4	36	77	4800	Non Engraved
2	(1:1.5:3)	19	3	2021	6x6x6	8.6	36	100	6230	Non Engraved
3										
4										
5										
6										
7										
8										
9										
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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 comprerssive 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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52950, Drill Pier / BTS Pad

 Our Ref. No. CL/CED/
 2863
 Dated:
 21-04-21

 Your Ref. No.
 CME/Cubes/CMPAK/890
 Dated:
 26-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21

1 in dry/wet condition

1049

Dr. Umbreen

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	19	19 3 2021		6x6x6	8.2	36	100	6230	Non Engraved
2	(1:1.5:3)	19	3	2021	6x6x6	8.2	36	83	5170	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 comprerssive 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

1049 Dr. Umbreen

To: Mr. M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52943, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 2864 Dated: 21-04-21 Your Ref No CME/Cubes/CMPAK/891 Dated: 26-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

	Mark*	Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.		/Wet Weight			(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	19	3	2021	6x6x6	8.1	36	90	5600	Non Engraved
2	(1:1.5:3)	19	3	2021	6x6x6	8.2	36	88	5480	Non Engraved
3										
4										
5										
6										
7										
8										
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10										
11										
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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 comprerssive 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

Mr. M. Furqan (Project Manager) To: M Engineering (Pvt) I td I abo

1049 Dr. Umbreen

CWI Engineering (PVt.) Ltd. Lanore	
Project: CMPAK, Site ID-52774, Raft Foundation	

Our Ref. No. CL/CED/ 2865 Dated: 21-04-21 Your Ref. No. CME/Cubes/CMPAK/892 Dated: 28-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

13-04-21 Tested on:

20-04-21 in dry/wet condition

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	21	3	2021	6x6x6	8.2	36	86	5360	Non Engraved
2	(1:1.5:3)	21	3	2021	6x6x6	8.2	36	81	5040	Non Engraved
3										
4										
5										
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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 comprerssive 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: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52774, Column

1049 Dr. Umbreen

Our Ref. No. CL/CE	0/ 2866	Dated:	21-04-21
Your Ref. No.	CME/Cubes/CMPAK/893	Dated:	30-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

		0		D = (= *	0: .		A	1.00	LUC	
ġ		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	23	23 3 2021		6x6x6	8.2	36	86	5360	Non Engraved
2	(1:1.5:3)	23	3	2021	6x6x6	8.2	36	88	5480	Non Engraved
3										
4										
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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

21-04-21

To: Mr. M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52774, Odu Pad

Dr. Umbreen

1049

Our Ref. No. CL/CED/ 2867 Dated:

Your Ref No CME/Cubes/CMPAK/894 Dated: 31-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

		Car	otina	n Doto*	Size	M/oight	Area of	Ultimate	Ultimate	
oj.				g Date*		Weight	Area of			
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	24	3	2021	6x6x6	8	36	90	5600	Non Engraved
2	(1:1.5:3)	24	3	2021	6x6x6	8	36	92	5730	Non Engraved
3										
4										
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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 comprerssive 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: Mr. M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52970, Raft Foundation

Our Ref. No. CL/CED/ 2868 Dated: 21-04-21

Your Ref No CME/Cubes/CMPAK/895 Dated: 22-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

Tested on: 13-04-21

20-04-21 in dry/wet condition

1049

Dr. Umbreen

		Ca	stinę	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	15	15 3 2021		6x6x6	8.2	36	92	5730	Non Engraved
2	(1:1.5:3)	15	3	2021	6x6x6	8.2	36	94	5850	Non Engraved
3										
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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 comprerssive 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)