

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

To: M. Asif (Contractor CEO) AMB Construction Company, Lahore Project: Nil

10451 Dr.Mazhar Saleem

Our Ref. No. CL/CED/	694	Dated:	26-08-20
Your Ref. No.	Nil	Dated:	21-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

24-08-20 in dry/wet condition

		Cas	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	ſW	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1:2)	12	7	2020	6Diax12	14	28.28	61	4840	Non Engraved
2	(1:1:2)	12	7	2020	6Diax12	13.8	28.28	67	5310	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)



To: M. Sohail Anjum (Project Manager)

P-156 Gulberg II, Lahore

Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

	Project: Construction of P-156 Gulberg II, Lahore													
	Our Ref. No. CL/CE)/		6	95	Dated:	26-0	8-20						
	Your Ref. No.			P-156-	126	Dated:	24-0	8-20						
		C	0	MPR	ESSIO	N TES		ORT						
Conc	Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers													
Spec	Specimens received on: 24-08-20 Tested on: 25-08-20 in dry/wet condition													
		Cas	sting	J 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	507 (3000 Psi)	14	8	2020	6Diax12	14	28.28	39	3090	Non Engraved				
2	508 (3000 Psi)	14	8	2020	6Diax12	14	28.28	37	2940	Non Engraved				
3	510 (3000 Psi)	14	8	2020	6Diax12	14	28.28	39	3090	Non Engraved				
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Resu	Its can also be seen o	n we	bsite	e <u>http://v</u>	ww.uet.edu.	pk/faculties/f	acultiesinfo/	department?	RID=testing	reports&id=6				

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supervisor(lab)

Director/Dy. Director Concrete Laboratory

10474 Engr. Ubaid



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

To: Aroon Azeem (Director / CEO) 3A-Apparels, Lahore Project: 3A-Apparels

10476 Dr. Umbreen

Our Ref. No. CL/CED/	696	Dated:	26-08-20
Your Ref. No.	Nil	Dated:	25-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

25-08-20 Tested on:

26-08-20 in dry/wet condition

		Cas	sting) Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	/W	et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	1st Floor Slab	27	7	2020	6Diax12	13	28.28	39	3090	Non Engraved
2	1st Floor Slab	27	7	2020	6Diax12	13	28.28	39	3090	Non Engraved
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4										
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supervisor(lab)



To: Sub Divisional Officer

Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

10477

Dr. Umbreen

Buildings Sub Division, Shakargarh Project: Establishment of Government Degree College (Women) Kanjroor Tehsil Shakargarh District Narowal ADP (2016-17) GS No. 496

Our Ref. No. CL/CED/	697	Dated:	26-08-20
Your Ref. No.	65/Sg	Dated:	24-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

25-08-20 Tested on:

26-08-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight	Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
	(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	Rectangular Grey		7.8x3.8x2.3	2764	29.64	86	6500	
2	Rectangular Grey		7.8x3.8x2.3	2698	29.64	63	4770	
3	Rectangular Grey		7.8x3.8x2.3	2763	29.64	130	9830	
4	Rectangular Grey		7.8x3.8x2.3	2770	29.64	90	6810	
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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: Lt. Col. Retd. Muhammad Ibrahim (Estate Engineer) **Board of Management, Sundar Industrial Estate Project: Nil**

Our Ref. No. CL/CED/ 698-1 of 3 Dated: 26-08-20 Dated: Your Ref No BOM/SIE/BCD/5796 25-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

25-08-20 Tested on:

26-08-20 in dry/wet condition

10478

Dr. Umbreen

Sr. No.	Mark*	Casting Date* /Wet Weigh	g t	Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
		(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	I-Section Grey			2.3 Thick	3512	40.92	81	4440	
2	I-Section Grey			2.3 Thick	3589	40.92	94	5150	
3	I-Section Grey			2.3 Thick	3571	40.92	102	5590	
4									
5									
6									
7									
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10									
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supervisor(lab)



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

To: M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

10453 Engr. Ubaid

Project: CMPAK, Site ID-52659, Column / BTS Pad

Our Ref. No. CL/CED/ 699 Dated: 26-08-20

Your Ref. No. CME/Cubes/CMPAK/659 Dated: 20-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

		6.	Conting Data*		Cina	\//aight	Area of		L Iltimate	
ö		Ca	sung	g Date"	Size	vveigni	Area or	Olimate	Ulimale	
ŝr. N	Mark*	/M	/Wet Weight (gms)		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0)							(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	23	7	2020	6x6x6	8	36	110	6850	Non Engraved
2	(1:1.5:3)	23	7	2020	6x6x6	8.4	36	104	6480	Non Engraved
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4										
5										
6										
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11										
12										
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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

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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supervisor(lab)



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

To: M. Furgan (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore	
Project: CMPAK, Site ID-52754, Column / BTS Pad	

Our Ref. No. CL/CED/ 700 Dated: 26-08-20

Your Ref. No. CME/Cubes/CMPAK/657 Dated: 20-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

					<u>.</u>					
		Ca	Casting Date"		Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	/W	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	23	7	2020	6x6x6	8.2	36	116	7220	Non Engraved
2	(1:1.5:3)	23	7	2020	6x6x6	8.4	36	118	7350	Non Engraved
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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

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supervisor(lab)



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

To: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-42605, Pier Foundation

Our Ref. No. CL/CED/ 701 Dated: 26-08-20

Your Ref No CME/Cubes/CMPAK/664 Dated[.] 19-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

10453

Engr. Ubaid

ö		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No	Mark*	M	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	22	7	2020	6x6x6	8.2	36	118	7350	Non Engraved
2	(1:1.5:3)	22	7	2020	6x6x6	8.2	36	122	7600	Non Engraved
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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)

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supervisor(lab)



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

To: M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-52659, Raft Foundation

Our Ref. No. CL/CED/ 702 Dated: 26-08-20

Your Ref No CME/Cubes/CMPAK/658 Dated: 18-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

10453

Engr. Ubaid

		Ca	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate	
ن ک بر		/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0)			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	21	21 7 2020		6x6x6	8.2	36	126	7840	Non Engraved
2	(1:1.5:3)	21	7	2020	6x6x6	8.4	36	120	7470	Non Engraved
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supervisor(lab)



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

To: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore Project: Long Haul & Metro, Site ID-52116, Odu Pad

Dated: Our Ref. No. CL/CED/ 703 26-08-20

Your Ref. No. CME/Cubes/LongHual/638 Dated: 19-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

		T				r				1
÷		Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No	Mark*	//	Vet \	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0)			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	22	22 7 2020		6x6x6	8	36	102	6350	Non Engraved
2	(1:1.5:3)	22	7	2020	6x6x6	8.2	36	122	7600	Non Engraved
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supervisor(lab)



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

To: M Furgan (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-52754, Raft Foundation

Our Ref. No. CL/CI	ED/	704	Dated:	26-08-20
Your Ref. No.	CME/Ci	ibes/CMPAK/656	Dated:	17-08-20

our Ref. No. CME/Cubes/CMPAK/656	Dated:	17-08-20
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COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

		Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	20	20 7 2020		6x6x6	8.2	36	106	6600	Non Engraved
2	(1:1.5:3)	20	7	2020	6x6x6	8.2	36	110	6850	Non Engraved
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supervisor(lab)



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

To: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore Project: Long Hual & Metro, Site ID-8113, Odu Pad

 Our Ref. No. CL/CED/
 705
 Dated:
 26-08-20

Your Ref. No. CME/Cubes/LongHual/656 Dated: 17-08-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20

25-08-20

0 in dry/wet condition

		Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	M	Vet \	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	20	20 7 2020		6x6x6	8	36	105	6540	Non Engraved
2	(1:1.5:3)	20	7	2020	6x6x6	8.2	36	120	7470	Non Engraved
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supervisor(lab)



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

To: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore Project: Long Hual & Metro, Site ID-9388, Odu Pad

Our Ref. No. CL/CED/ 706 Dated: 26-08-20

Your Ref No CME/Cubes/LongHual/645 Dated: 17-08-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

21-08-20

25-08-20 in dry/wet condition

Sr. No.	Mark*	Ca /M	sting /et V	g Date* Veight	Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress (Psi)	Remarks
4	(4.45.2)	20	(gi 7	2020	GYGYG		(0q. 11)	(1013/103)	(1 3)	
	(1.1.5.3)	20	1	2020	0X0X0	0.2	30	100	0720	Non Engraved
2	(1:1.5:3)	20	7	2020	6x6x6	8	36	118	7350	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

Imran Akhtar (Project Manager) To:

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lanore
Project: Long Hual & Metro, Site ID-8099, Odu Pad

Our Ref. No. CL/CED/ 707 Dated: 26-08-20

Your Ref. No. CME/Cubes/LongHual/636 Dated: 15-08-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20

25-08-20 in dry/wet condition

		Са	stine	a Date*	Size	Weight	Area of	Ultimate	Ultimate	
No	Mork*	~~	/ot \	Voight	(in)	(lbs /gms)	V Section	load	Stross	Domarka
Sr.	IVIDI K	/ •	/wet weight		(11)	(ibs./gills)	X-0601011	loau	011655	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	18	18 7 2020		6x6x6	8.6	36	122	7600	Non Engraved
2	(1:1.5:3)	18	7	2020	6x6x6	8.4	36	124	7720	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: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore Project: Long Hual & Metro, Site ID-8099, Odu Pad

Our Ref. No. CL/CED/ 707 Dated: 26-08-20

Your Ref No CME/Cubes/LongHual/636 Dated: 15-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

o	lo.		sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. N	Mark*	M	/Wet Weight		(in)	(lbs./gms)	Section	load	Stress	Remarks
			(gr	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	18	18 7 2020		6x6x6	8.6	36	122	7600	Non Engraved
2	(1:1.5:3)	18	7	2020	6x6x6	8.4	36	124	7720	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

To: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore									
Project: Long Hual & Metro, Site ID-8933, Odu Pad									

Our Ref. No. CL/CED/ 708 Dated: 26-08-20

Your Ref. No. CME/Cubes/LongHual/639 Dated: 15-08-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20

25-08-20 in dry/wet condition

Sr. No.	Mark*	Ca /M	Casting Date* /Wet Weight (gms)		Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress (Psi)	Remarks
		10	(gi					(1013/103)	(1 31)	
1	(1:1.5:3)	18	18 7 2020		6X6X6	8	30	106	6600	Non Engraved
2	(1:1.5:3)	18	7	2020	6x6x6	8	36	117	7280	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, Site ID-42960, Pier Foundation

Our Ref. No. CL/CED/ 709 Dated: 26-08-20

Your Ref No CME/Cubes/CMPAK/663 Dated: 14-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

10453

Engr. Ubaid

		Са	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)	17	17 7 2020		6x6x6	8	36	114	7100	Non Engraved
2	(1:1.5:3)	17	17 7 2020		6x6x6	9	36	140	8720	Non Engraved
3										
4										
5										
6										
7										
8										
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11										
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13										
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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 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 Furgan (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore
Project: CMPAK, Site ID-52618, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 710 Dated: 26-08-20

Your Ref. No. CME/Cubes/CMPAK/660 Dated: 13-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

ŝr. No.	Mark*	Ca: /W	Casting Date* /Wet Weight		Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
0,			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	16	16 7 2020		6x6x6	8.2	36	110	6850	Non Engraved
2	(1:1.5:3)	16	7	2020	6x6x6	8.8	36	110	6850	Non Engraved
3										
4										
5										
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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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

10453 Engr. Ubaid

Project: CMPAK, Site ID-43059, Pier Foundation

Our Ref. No. CL/CED/ Dated: 26-08-20 711

Your Ref No CME/Cubes/CMPAK/661 Dated: 13-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 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
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	16	7	2020	6x6x6	8.2	36	118	7350	Non Engraved
2	(1:1.5:3)	16	7	2020	6x6x6	8.2	36	110	6850	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: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore Project: Long Hual & Metro, Site ID-8921, Odu Pad

Our Ref. No. CL/CED/ Dated: 26-08-20 712

Your Ref No CME/Cubes/LongHual/640 Dated[.] 11-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

Sr. No.	Mark*	Ca /M	Casting Date* /Wet Weight (gms)		Size (in)	Weight (Ibs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	(1:1.5:3)	14	7	2020	6x6x6	8.2	36	106	6600	Non Engraved
2	(1:1.5:3)	14	14 7 2020		6x6x6	8.2	36	110	6850	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: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore									
Project: Long Hual & Metro, Site ID-8631, Odu Pad									

Our Ref. No. CL/CED/ 713 Dated: 26-08-20

Your Ref. No. CME/Cubes/LongHual/649 Dated: 11-08-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20

25-08-20 in dry/wet condition

÷		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	M	/et \	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	14	14 7 2020		6x6x6	8.2	36	96	5980	Non Engraved
2	(1:1.5:3)	14	7	2020	6x6x6	8.2	36	112	6970	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: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore Project: Long Hual & Metro, Site ID-8406, Odu Pad

 Our Ref. No. CL/CED/
 714
 Dated:
 26-08-20

Your Ref. No. CME/Cubes/LongHual/637 Dated: 10-08-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20

25-08-20

20 in dry/wet condition

		Са	stin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
ŝr. No.	Mark*	M	/et \	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gr	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	13	7	2020	6x6x6	8.2	36	112	6970	Non Engraved
2	(1:1.5:3)	13	7	2020	6x6x6	8.2	36	106	6600	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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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

supervisor(lab)



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

To: Imran Akhtar (Project Manager)

10453 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore Project: Long Hual & Metro, Site ID-8249, Odu Pad

Our Ref. No. CL/CED/ Dated: 26-08-20 715

Your Ref. No. CME/Cubes/LongHual/641 Dated: 10-08-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20

25-08-20 in dry/wet condition

-		Са	stin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et \	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	13	13 7 2020		6x6x6	8	36	108	6720	Non Engraved
2	(1:1.5:3)	13	7	2020	6x6x6	8	36	120	7470	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 Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

10453 Engr. Ubaid

Project: CMPAK, Site ID-52728, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 716 Dated: 26-08-20

Your Ref No CME/Cubes/CMPAK/623 Dated: 09-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

		Са	stinę	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	///	/et V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	12	12 7 2020		6x6x6	8	36	95	5920	Non Engraved
2	(1:1.5:3)	12	7	2020	6x6x6	8.8	36	132	8220	Non Engraved
3										
4										
5										
6										
7										
8										
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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

26-08-20

Imran Akhtar (Project Manager) To: M Engineering (Dut) I to Lehen

10453 Engr. Ubaid

SM Engineering (PVt.) Ltd. Lanore										
Project: Long Hual & Me	tro, Site ID-814	4, Odu Pad								
Our Ref. No. CL/CED/	717	Dated:								

Your Ref. No. CME/Cubes/LongHual/647 Dated: 08-08-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

21-08-20

25-08-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight			Size (in)	Weight (lbs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	11	7	2020	6x6x6	8.6	36	118	7350	Non Engraved
2	(1:1.5:3)	11	7	2020	6x6x6	8.4	36	111	6910	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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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

supervisor(lab)



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

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

10453 Engr. Ubaid

Project: CMPAK, Site ID-43115, Pier Foundation

Our Ref. No. CL/CED/ 718 Dated: 26-08-20

Your Ref. No. CME/Cubes/CMPAK/662 Dated: 05-08-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-08-20 Tested on:

25-08-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Weight	Area of	Ultimate	Ultimate	
		/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	29	7	2020	6x6x6	8.2	36	86	5360	Non Engraved
2	(1:1.5:3)	29	7	2020	6x6x6	8	36	73	4550	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

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supervisor(lab)