

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

To: Mushtaq

282 Engr. Ubaid

Layal Pur Galleria 44A, Saeed Colony Canal Road Kashmir Pur Faisalabad Project: Layal Pur Galleria, Fsd. Premier Developers

Our Ref. No. CL/CED/	1419	Dated:	22-12-20
Your Ref. No.	Nil	Dated:	17-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

		Ocation						
		Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	I-Section Grey		2.4 Thick	3574	40.72	63	3470	
2	I-Section Grey		2.4 Thick	3678	40.72	92	5070	
3	I-Section Grey		2.4 Thick	3914	40.72	97	5340	
4	I-Section Grey		2.4 Thick	3831	40.72	53	2920	
5	I-Section Grey		2.4 Thick	3606	40.72	75	4130	
6	I-Section Red		2.4 Thick	3952	40.72	144	7930	
7	I-Section Red		2.4 Thick	3742	40.72	127	6990	
8	I-Section Red		2.4 Thick	3898	40.72	140	7710	
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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)



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

Engr. Ubaid

292

To: Muhammad Tufail (Construction Team Leader) Zor Engineers (Pvt.) Ltd. Project: Our Saviour Welfare Society-Saviour Inn Lahore

Our Ref. No. CL/CED/	1420	Dated:	22-12-20
Your Ref. No.	230.28.1/MT/3	Dated:	17-12-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

18-12-20

21-12-20 in dry/wet condition

		Са	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*			/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	A (1:2:4)	16	10	2020	6x6x6	9	36	39	2430	Non Engraved
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supervisor(lab)



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

To: Fareed Tabbasum **Steel Create**

285 Engr. Ubaid

Project: Ground Floor Slab, Ware House

Our Ref. No. CL/CED/	1421	Dated:	22-12-20
Your Ref. No.	Nil	Dated:	17-12-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

		6.2	cting	Data*	Size	Weight	Area of	Ultimate	Ultimate	
o		Casting Date					X-			
Sr. No.	Mark*	M	Vet W	/eight	(in)	(lbs./gms)	Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:2:3)	18	11	2020	6x6x6	8.4	36	60	3740	Engraved
2	(1:2:3)	18	11	2020	6x6x6	8.6	36	56	3490	Engraved
3	(1:2:3)	18	11	2020	6x6x6	8.4	36	53	3300	Engraved
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supervisor(lab)



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

То:	Deputy Director, Engg. (Lahore Development Au Project: Construction of Package-I)	thority, Lahore	9	T Road Lahore (Laho	Engr. Ubaid
	Our Ref. No. CL/CED/	1422	Dated:	22-12-20	

Your Ref. No.	Nil	Dated:	17-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

18-12-20 Tested on:

21-12-20 in dry/wet condition

Sr. No.	Mark*		Casting Date* /Wet Weight (gms)		Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Raft Footing	3	12	2020	6x6x6	8.8	36	46	2870	Engraved
2	Raft Footing	3	12	2020	6x6x6	9	36	45	2800	Engraved
3	Raft Footing	3	12	2020	6x6x6	8.8	36	50	3120	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)

Director/Dy. Director Concrete Laboratory

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

To: M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, SiteID-52550, Raft Foundation

Our Ref. No. CL/CED/ 1423 Dated: 22-12-20 Your Ref No CME/Cubes/CMPAK/762 Dated: 30-11-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

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Engr. Ubaid

		Ca	stina	Date*	Size	Weight	Area of	Ultimate	Ultimate	
No	Mork*									Demonstra
Sr. No.	Mark*	///		/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	23	11	2020	6x6x6	8.4	36	91	5670	Non Engraved
2	(1:1.5:3)	23	11	2020	6x6x6	8.6	36	77	4800	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) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, SiteID-52550, Column

Our Ref. No. CL/CED/ 1424 Dated: 22-12-20 Your Ref No CME/Cubes/CMPAK/763 Dated: 02-12-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

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		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	///	/et W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	25	11	2020	6x6x6	8.6	36	91	5670	Non Engraved
2	(1:1.5:3)	25	11	2020	6x6x6	8.4	36	85	5290	Non Engraved
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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 Project: CMPAK, SiteID-52692, Raft Foundation

Our Ref. No. CL/CED/ 1425 Dated: 22-12-20 Your Ref No CME/Cubes/CMPAK/764 Dated: 01-12-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Са	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	///	Vet W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	24	11	2020	6x6x6	9	36	69	4300	Non Engraved
2	(1:1.5:3)	24	11	2020	6x6x6	8.6	36	90	5600	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

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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 Project: CMPAK, SiteID-52692, Column

Our Ref. No. CL/CED/ 1426 Dated: 22-12-20 Your Ref No CME/Cubes/CMPAK/765 Dated: 04-12-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Са	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	<i>/</i> //	Vet W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	27	11	2020	6x6x6	8.4	36	81	5040	Non Engraved
2	(1:1.5:3)	27	11	2020	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)

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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, SiteID-51202, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 1427 Dated: 22-12-20

Your Ref No CME/Cubes/CMPAK/766 Dated: 04-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Са	stina	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	29	11	2020	6x6x6	8.6	36	88	5480	Non Engraved
2	(1:1.5:3)	29	11	2020	6x6x6	8.4	36	83	5170	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) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, SiteID-52559, Drill Pier / BTS Pad

Our Ref. No. CL/CED/ 1428 Dated: 22-12-20

Your Ref No CME/Cubes/CMPAK/767 Dated: 07-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Са	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	//	Vet W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0,			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	30	11	2020	6x6x6	8.4	36	89	5540	Non Engraved
2	(1:1.5:3)	30	11	2020	6x6x6	8.6	36	61	3800	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) CM Engineering (Pvt.) Ltd. Lahore

283 Engr. Ubaid

Project: CMPAK, SiteID-51359, Complete Foundation

Our Ref. No. CL/CED/ 1429 Dated: 22-12-20

Your Ref No CME/Cubes/CMPAK/768 Dated: 11-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

					<u>.</u>					
		Ca	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Net V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	4	12	2020	6x6x6	8.6	36	100	6230	Non Engraved
2	(1:1.5:3)	4	12	2020	6x6x6	8.4	36	96	5980	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) CM Engineering (Pvt.) Ltd. Lahore

283 Engr. Ubaid

Project: CMPAK, SiteID-52757, Complete Foundation

Our Ref. No. CL/CED/ 1430 Dated: 22-12-20 CME/Cubes/CMPAK/769 Your Ref No Dated[.] 05-09-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

		Ca	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)			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	29	8	2020	6x6x6	8.4	36	65	4050	Non Engraved
2	(1:1.5:3)	29	8	2020	6x6x6	9	36	69	4300	Non Engraved
3										
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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, SiteID-42941, Pier Foundation

Our Ref. No. CL/CED/ 1431 Dated: 22-12-20

Your Ref No CME/Cubes/CMPAK/772 Dated[.] 13-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

		C	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*			Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
Ō			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	6	11	2020	6x6x6	8.6	36	94	5850	Non Engraved
2	(1:1.5:3)	6	11	2020	6x6x6	8.6	36	58	3610	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)

Director/Dy. Director Concrete Laboratory

283 Engr. Ubaid



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

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

Project: Long Haul, SitelD-8893, Plinth Beam

Our Ref. No. CL/CED/ Dated: 22-12-20 1432 Your Ref. No.

CME/Cubes/Long/Haul/788 Dated: 25-11-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

		Ca	asting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	N	Vet W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
0		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	28	10	2020	6x6x6	8.4	36	118	7350	Non Engraved
2	(1:1.5:3)	28	10	2020	6x6x6	8	36	140	8720	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)

Director/Dy. Director Concrete Laboratory

283 Engr. Ubaid



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

22-12-20

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

Project: Long Haul, SitelD-8893, ODU PAD / Roof Slab

Our Ref. No. CL/CED/ Dated: 1433

Your Ref No CME/Cubes/Long/Haul/787 Dated[.] 05-12-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		1]
		C	astin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	Wet \	Neight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gr	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	7	11	2020	6x6x6	8.2	36	124	7720	Non Engraved
2	(1:1.5:3)	7	11	2020	6x6x6	8.2	36	138	8590	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: Long Haul, SiteID-3023, Roof Slab

Our Ref. No. CL/CED/ Dated: 22-12-20 1434 Your Ref No CME/Cubes/Long/Haul/786 Dated: 04-12-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		С	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	Wet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	6	11	2020	6x6x6	8.4	36	122	7600	Non Engraved
2	(1:1.5:3)	6	11	2020	6x6x6	8.4	36	112	6970	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: Imran Akhtar (Project Manager)

283 Engr. Ubaid

CM Engineering (Pvt.) Ltd. Lahore	
Project: Long Haul, SitelD-3023, Plinth Beam	

Our Ref. No. CL/CE	D/	1435	Dated:	22-12-20
Your Ref. No.	CME/Cubes/	Long/Haul/785	Dated:	17-11-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

		Ca	asting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	N	Vet W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	20	10	2020	6x6x6	8.4	36	122	7600	Non Engraved
2	(1:1.5:3)	20	10	2020	6x6x6	8.2	36	124	7720	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)



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

To: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: Long Haul, SiteID-3023, ODU PAD

Our Ref. No. CL/CED/ 1436 Dated: 22-12-20 Your Ref No CME/Cubes/Long/Haul/784 Dated: 07-09-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

Sr. No.	Mark*	Casting Date* /Wet Weight			Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
Sr.				ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	10	8	2020	6x6x6	8.8	36	111	6910	Non Engraved
2	(1:1.5:3)	10	8	2020	6x6x6	8.4	36	113	7040	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Project: Long Haul, SitelD-8686, ODU PAD / Roof Slab

Our Ref. No. CL/CED/ Dated: 1437 22-12-20 Your Ref No CME/Cubes/Long/Haul/783 Dated[.] 08-12-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Са	stin	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/M	/et \	Neight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	10	8	2020	6x6x6	8.4	36	120	7470	Non Engraved
2	(1:1.5:3)	10	8	2020	6x6x6	8.6	36	53	3300	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

283 Engr. Ubaid

Project: Long Haul, SiteID-8686, Plinth Beam

Our Ref. No. CL/CED/	1438	Dated:	22-12-20

Dated: Your Ref. No. CME/Cubes/Long/Haul/782 22-11-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

		Ca	asting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*			/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	25	10	2020	6x6x6	8.4	36	80	4980	Non Engraved
2	(1:1.5:3)	25	10	2020	6x6x6	8.8	36	124	7720	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: Long Haul, SiteID-8338, Roof Slab

Our Ref. No. CL/CED/ 1439 Dated: 22-12-20 Your Ref No CME/Cubes/Long/Haul/781 Dated: 16-10-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

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		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et \	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	18	9	2020	6x6x6	8.4	36	118	7350	Non Engraved
2	(1:1.5:3)	18	9	2020	6x6x6	8.8	36	136	8470	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: Long Haul, SiteID-8247, Roof Slab

Our Ref. No. CL/CED/ Dated: 22-12-20 1440 Your Ref No CME/Cubes/Long/Haul/780 Dated[.] 17-11-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

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		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	N	Vet W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	20	10	2020	6x6x6	8.4	36	126	7840	Non Engraved
2	(1:1.5:3)	20	10	2020	6x6x6	8.2	36	118	7350	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Project: Long Haul, SitelD-8247, ODU PAD / Plinth Beam

Our Ref. No. CL/CED/	1441	Dated:	22-12-20
Your Ref. No.	CME/Cubes/Long/Haul/779	Dated:	03-10-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

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		С	astir	ng Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Wet	Weight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(g	jms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	5	9	2020	6x6x6	8.4	36	112	6970	Non Engraved
2	(1:1.5:3)	5	9	2020	6x6x6	8.8	36	122	7600	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: Long Haul, SiteID-8595, Roof Slab

Our Ref. No. CL/CED/ Dated: 22-12-20 1442 Your Ref. No. CME/Cubes/Long/Haul/778 Dated: 24-09-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

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ö		Ca	ธแก	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	///	Vet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	27	8	2020	6x6x6	8.2	36	116	7220	Non Engraved
2	(1:1.5:3)	27	8	2020	6x6x6	8.6	36	90	5600	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: Long Haul, SiteID-8716, Plinth Beam

Our Ref. No. CL/CED/ Dated: 1443 22-12-20

Your Ref No CME/Cubes/Long/Haul/777 Dated[.] 23-11-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Ca	astina	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*		/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	26	10	2020	6x6x6	8.4	36	116	7220	Non Engraved
2	(1:1.5:3)	26	10	2020	6x6x6	8.4	36	134	8340	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

Project: Long Haul, SitelD-8716, ODU PAD / Roof Slab

Our Ref. No. CL/CED/ 1444 Dated: 22-12-20

Your Ref. No. CME/Cubes/Long/Haul/776 Dated: 28-11-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

Casting Date* Size Weight Area of Ultimate Ultimate Š Х-Mark* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ັດ (Tons/lbs) (gms) (Sq. in) (Psi) 1 (1:1.5:3) 31 10 2020 6x6x6 8.2 36 122 7600 Non Engraved 2 (1:1.5:3) 31 10 2020 6x6x6 108 6720 84 36 Non Engraved 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

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

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory

283 Engr. Ubaid



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

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

Project: Long Haul, SiteID-50314, Plinth Beam Our Ref. No. CL/CED/ 1445 Dated: 22-12-20

Your Ref No CME/Cubes/Long/Haul/775 Dated: 23-11-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Ca	asting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	N	Vet W	/eight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gm	is)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	26	10	2020	6x6x6	8.4	36	128	7970	Non Engraved
2	(1:1.5:3)	26	10	2020	6x6x6	8.6	36	116	7220	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

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

Project: Long Haul, SiteID-50314, ODU PAD / Roof Slab

Our Ref. No. CL/CED/ 1446 Dated: 22-12-20 Your Ref No CME/Cubes/Long/Haul/774 Dated: 29-11-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		С	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	Wet \	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	1	11	2020	6x6x6	8.4	36	112	6970	Non Engraved
2	(1:1.5:3)	1	11	2020	6x6x6	8.4	36	122	7600	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: Imran Akhtar (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

283 Engr. Ubaid

Project: CMPAK, SiteID-42941, Pier Foundation

Our Ref. No. CL/CED/ 1447 Dated: 22-12-20

Your Ref No CME/Cubes/CMPAK/773 Dated[.] 04-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

		Са	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Net V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	6	11	2020	6x6x6	8.2	36	136	8470	Non Engraved
2	(1:1.5:3)	6	11	2020	6x6x6	8.4	36	124	7720	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

Engr. Ubaid

283

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

Project: CMPAK, SiteID-43165, Complete Foundation

Our Ref. No. CL/CE	D/ 1448	Dated:	22-12-20
Your Ref. No.	CME/Cubes/CMPAK/771	Dated:	21-11-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

		Са	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/M	Vet W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	24	10	2020	6x6x6	8.4	36	122	7600	Non Engraved
2	(1:1.5:3)	24	10	2020	6x6x6	8.4	36	120	7470	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: M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

283 Engr. Ubaid

Project: CMPAK, SiteID-52757, Complete Foundation

Our Ref. No. CL/CED/ 1449 Dated: 22-12-20 Your Ref No CME/Cubes/CMPAK/770 Dated: 26-09-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

		Ca	sting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*			Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
Sr.	Wark	/ • •			(11)	(103./9113)				Remains
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	29	8	2020	6x6x6	8.4	36	96	5980	Non Engraved
2	(1:1.5:3)	29	8	2020	6x6x6	8.4	36	112	6970	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: M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, SiteID-52399, Column

Our Ref. No. CL/CED/ 1450 Dated: 22-12-20 Your Ref No CME/Cubes/CMPAK/761 Dated: 25-11-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

283

Engr. Ubaid

		Са	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/M	/et W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0)			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	28	10	2020	6x6x6	8.4	36	96	5980	Non Engraved
2	(1:1.5:3)	28	10	2020	6x6x6	8.2	36	130	8090	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: M. Furqan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore Project: CMPAK, SiteID-52399, Raft

Our Ref. No. CL/CE	ED/	1451	Dated:	22-12-20
Your Ref. No.	CME/Cul	bes/CMPAK/760	Dated:	24-11-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in

0 in dry/wet condition

283

Engr. Ubaid

		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/M	Vet W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	27	10	2020	6x6x6	8.4	36	118	7350	Non Engraved
2	(1:1.5:3)	27	10	2020	6x6x6	8.2	36	120	7470	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: M. Furgan (Project Manager) CM Engineering (Pvt.) Ltd. Lahore

283 Engr. Ubaid

Project: CMPAK, SiteID-52527, Drill Pier / BTS PAD

Our Ref. No. CL/CED/ 1452 Dated: 22-12-20 Your Ref No CME/Cubes/CMPAK/759 Dated[.] 30-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20 Tested on:

21-12-20 in dry/wet condition

		C	acting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
ġ										
Sr. No.	Mark*	Λ	/Wet Weight		(in)	(lbs./gms)	X-Section	load	Stress	Remarks
			(gr	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	2	11	2020	6x6x6	8.4	36	134	8340	Non Engraved
2	(1:1.5:3)	2	11	2020	6x6x6	8.2	36	124	7720	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

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

Engr. Ubaid

283

Project: CMPAK, SiteID-52686, Drill Pier / BTS PAD

 Our Ref. No. CL/CED/
 1453
 Dated:
 22-12-20

 Your Ref. No.
 CME/Cubes/CMPAK/758
 Dated:
 26-11-20

Tested on:

COMPRESSION TEST REPORT

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

Specimens received on:

17-12-20

21-12-20 in

0 in dry/wet condition

		29 10	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/M	/et W	/eight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gm	s)			(Sq. in)	(Tons/lbs)	(Psi)	
1	(1:1.5:3)	29	10	2020	6x6x6	8.2	36	134	8340	Non Engraved
2	(1:1.5:3)	29	10	2020	6x6x6	8.2	36	100	6230	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

To: M. Furgan (Project Manager) CM Engineering (Pvt.) I td. I abore F

283 Engr. Ubaid

Civi Lingineering (Fvi.) Liu. Lanore	
Project: Ufone Sharing, SitelD-5857, ODU PAD	

Our Ref. No. CL/CED/ 1454 Dated: 22-12-20 Your Ref. No. CME/Cubes/Ufone/Sharing/757 Dated: 18-11-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

17-12-20

21-12-20 in dry/wet condition

ġ		C	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	Wet V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
S			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
		04			0.0.0					
1	(1:1.5:3)	21	10	2020	6x6x6	8.4	36	130	8090	Non Engraved
2	(1:1.5:3)	21	10	2020	6x6x6	8.2	36	130	8090	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 compressive strength

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

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

supervisor(lab)



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

To: Muhammad Shahbaz Imperium Hospitality (Pvt.) Ltd., Lahore

Project:Nil

303 Dr.Mazhar Saleem

Our Ref. No. CL/CED/	1455	Dated:	22-12-20
Your Ref. No.	IHPL/Con/013	Dated:	21-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-12-20 Tested on:

22-12-20 in dry/wet condition

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		Ca	sting	Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gms)				(Sq. in)	(Tons/lbs)	(Psi)	
1	4000 Psi	12	12	2020	6Diax12	14	28.28	65	5150	Non Engraved
2	4000 Psi	12	12	2020	6Diax12	14	28.28	45	3570	Non Engraved
3	4000 Psi	12	12	2020	6Diax12	13.8	28.28	57	4520	Non Engraved
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 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: Beenish Saleh (Senior Project Manager KP & Punjab) Humqadam SCRP

Dr.Mazhar Saleem

307

Project: Humqadam-School Construction and Rehabilitation Programme (GGHSS Rasha Kai)

Our Ref. No. CL/CED/1456Dated:22-12-20IMC-HO/SCRP/2020/
Your Ref. No.MaterialTesting/LHR-0Dated:22-12-20

COMPRESSION TEST REPORT

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

22-12-20

Specimens received on:

Tested on:

2

22-12-20 in dry/wet condition

o) Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Wet V	Veight	(in)	(lbs./gms)	X-Section	load	Stress	Remarks
0,			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	23	11	2020	2.0x2.0x2.0	305	4	8.8	4850	
2	Mortar Cube	23	11	2020	2.0x2.0x2.0	301	4	7.7	4250	
3	Mortar Cube	23	11	2020	2.0x2.0x2.0	292	4	7.5	4140	
4	Mortar Cube	23	11	2020	2.0x2.0x2.0	305	4	8.5	4690	
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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)



Specimens received

Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

To: Hassan Khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (Ali Raza Abad)

Our Ref. No. CL/CED/	1457	Dated:	22-12-20
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	08-12-20

COMPRESSION TEST REPORT

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

on:	imens received		21-12	2-20	Tested on:		22-12-20	in dry/wet condition		
	Mark*	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.		/	Wet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	14	12	2020	2.0x2.0x2.0	280	4	2.4	1330	
2	Mortar Cube	14	12	2020	2.0x2.0x2.0	281	4	2.4	1330	
3	Mortar Cube	14	12	2020	2.0x2.0x2.0	283	4	1.7	940	
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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)

Director/Dy. Director Concrete Laboratory

299 ar Saleem

Dr.Mazhar Saleem



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

To: Hassan Khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (Barkat Market)

Our Ref. No. CL/CED/	1458	Dated:	22-12-20
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	08-12-20

COMPRESSION TEST REPORT

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

21-12-20

Specimens received on:

Tested on:

22-12-20 in dry/wet condition

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Dr.Mazhar Saleem

		С	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
ວ່ X Mark* ເວັ		/	/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	14	12	2020	2.0x2.0x2.0	279	4	3	1660	
2	Mortar Cube	14	12	2020	2.0x2.0x2.0	281	4	1.8	1000	
3	Mortar Cube	14	12	2020	2.0x2.0x2.0	283	4	2.8	1550	
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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)



Specimens received

Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

To: Hassan Khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

Dr.Mazhar Saleem

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Project: Humqadam-School Construction and Rehabilitation Programme (Dhala Kot)

Our Ref. No. CL/CED/	1459	Dated:	22-12-20
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	08-12-20

COMPRESSION TEST REPORT

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

on:	imens received		21-1	2-20	Tested on:		22-12-20	in dry/wet c	ondition	
	Mark*	Casting Date		g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.		/	Wet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	13	12	2020	2.0x2.0x2.0	282	4	5.4	2980	
2	Mortar Cube	13	12	2020	2.0x2.0x2.0	289	4	4.3	2370	
3	Mortar Cube	13	12	2020	2.0x2.0x2.0	291	4	5	2760	
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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: Hassan Khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

Dr.Mazhar Saleem

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Project: Humqadam-School Construction and Rehabilitation Programme (Sarich)

Our Ref. No. CL/CED/	1460	Dated:	22-12-20
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	08-12-20

COMPRESSION TEST REPORT

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

21-12-20

Specimens received on:

Tested on:

22-12-20 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight		Size (in)	Weight (Ibs./gms)	Area of X-	Ultimate load	Ultimate Stress	Remarks	
S.			(gn			(0)	Section (Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	14	12	2020	2.0x2.0x2.0	292	4	8.2	4520	
2	Mortar Cube	14	12	2020	2.0x2.0x2.0	300	4	2.1	1160	
3	Mortar Cube	14	12	2020	2.0x2.0x2.0	301	4	4	2210	
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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)



Specimens received

Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

To: Hassan Khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

Dr.Mazhar Saleem

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Project: Humqadam-School Construction and Rehabilitation Programme (Ghanakar)

Our Ref. No. CL/CED/	1461	Dated:	22-12-20
Your Ref. No.	IMC-LHR/SCRP/2020/ MaterialTesting/LHR-1	Dated:	08-12-20

COMPRESSION TEST REPORT

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

on:	imens received		21-1	2-20	Tested on: 22-12-20		22-12-20	in dry/wet condition		
_		Casting Date*		g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	/	/Wet Weight		(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Mortar Cube	13	12	2020	2.0x2.0x2.0	304	4	5.9	3260	
2	Mortar Cube	13	12	2020	2.0x2.0x2.0	276	4	1.3	720	
3	Mortar Cube	13	12	2020	2.0x2.0x2.0	295	4	7.2	3970	
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Results can also be seen on website <u>http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6</u>

* 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: Hassan Khan Sherwani (Provincial Construction Supervision Manager) Humqadam SCRP (M/s Astral Constructions)

Dr Mazhar Saleem

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Project: Humqadam-School Construction and Rehabilitation Programme (Ghankar)

Our Ref. No. CL/CED/ Dated: 22-12-20 1462

Your Ref. No.

IMC-LHR/SCRP/2020/

Dated:

MaterialTesting/LHR-1

08-12-20

COMPRESSION TEST REPORT

Tested on:

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

Specimens received on:

21-12-20

22-12-20

in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (Ibs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1		13	12	2020	6Diax12	12.4	28.28	15	1190	Non Engraved
2		13	12	2020	6Diax12	12.4	28.28	9	720	Non Engraved
3		13	12	2020	6Diax12	12	28.28	21	1670	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)

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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

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supervisor(lab)