



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

10136
Dr. Umbreen

To: **Imran Akhtar, Project Manager**
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42757, Pier Foundation

Our Ref. No. CL/CED/ 157 Dated: 02-06-20
Your Ref. No. CME/Cubes/CMPAK/545 Dated: 14-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		7	5	2020						
1	(1:1.5:3)	7	5	2020	6x6x6	8.2	36	81	5040	Non Engraved
2	(1:1.5:3)	7	5	2020	6x6x6	8.6	36	96	5980	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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

**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Dr. Umbreen

To: **Imran Akhtar, Project Manager**
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-43060, Pier Foundation

Our Ref. No. CL/CED/ 158 Dated: 02-06-20

Your Ref. No. CME/Cubes/CMPAK/544 Dated: 22-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1:1.5:3)	15	5	2020	6x6x6	8.2	36	86	5360	Non Engraved
2	(1:1.5:3)	15	5	2020	6x6x6	8.2	36	90	5600	Non Engraved
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Dr. Umbreen

To: **Imran Akhtar, Project Manager**
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-43040, Pier Foundation

Our Ref. No. CL/CED/ 159 Dated: 02-06-20

Your Ref. No. CME/Cubes/CMPAK/543 Dated: 22-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1:1.5:3)	15	5	2020	6x6x6	8.4	36	88	5480	Non Engraved
2	(1:1.5:3)	15	5	2020	6x6x6	8.2	36	94	5850	Non Engraved
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Dr. Umbreen

To: **Imran Akhtar, Project Manager**
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-43008, Pier Foundation

Our Ref. No. CL/CED/ 160 Dated: 02-06-20

Your Ref. No. CME/Cubes/CMPAK/54
2 Dated: 16-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1:1.5:3)	9	5	2020	6x6x6	8.2	36	86	5360	Non Engraved
2	(1:1.5:3)	9	5	2020	6x6x6	8.4	36	81	5040	Non Engraved
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10136
Dr. Umbreen

To: Imran Akhtar, Project Manager
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42996, Pier Foundation

Our Ref. No. CL/CED/ 161 Dated: 02-06-20

Your Ref. No. CME/Cubes/CMPAK/541 Dated: 19-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1:1.5:3)	12	5	2020	6x6x6	8.2	36	79	4920	Non Engraved
2	(1:1.5:3)	12	5	2020	6x6x6	8	36	83	5170	Non Engraved
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10136
Dr. Umbreen

To: **Imran Akhtar, Project Manager**
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42948, Pier Foundation

Our Ref. No. CL/CED/ 162 Dated: 02-06-20

Your Ref. No. CME/Cubes/CMPAK/546 Dated: 21-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1:1.5:3)	14	5	2020	6x6x6	8.4	36	104	6480	Non Engraved
2	(1:1.5:3)	14	5	2020	6x6x6	8.2	36	90	5600	Non Engraved
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10136
Dr. Umbreen

To: Imran Akhtar, Project Manager
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42914, Pier Foundation

Our Ref. No. CL/CED/ 163 Dated: 02-06-20

Your Ref. No. CME/Cubes/CMPAK/547 Dated: 20-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(1:1.5:3)	13	5	2020	6x6x6	8.2	36	83	5170	Non Engraved
2	(1:1.5:3)	13	5	2020	6x6x6	8.6	36	120	7470	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

10132

Dr. Umbreen

To: **TSM Design Studio**

Suit # 17, 2nd Floor, Leeds Centre, Gulberg-III, Lahore.

Project: Construction of Gerry's DNATA Cargo Export Building at Allama Iqbal International Airport Lahore.

Our Ref. No. CL/CED/

164

Dated:

02-06-20

Your Ref. No.

Nil

Dated:

11-05-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-20 Tested on: 02-06-20 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	HB		8.7x4.4x2.9	3220	38.28	35	2050	
2	HB		8.7x4.4x3.0	3219	38.28	50	2930	
3	HB		8.7x4.4x2.9	3253	38.28	55	3220	
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Department of Civil Engineering

University of Engineering and Technology, Lahore

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10145

Dr. Umbreen

To: **Nasir Mahmood Khan, Partner**

N. A. Associates, Ghazi Road, Lahore.

Project: Construction of Commercial Building at Plot No. 44-D-1, Gulberg-III, Lahore. (U. G. W. Tanks Found

Our Ref. No. CL/CED/ 165 Dated: 02-06-20

Your Ref. No. NAA / Bill / 44-D-I / 19 Dated: 01-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-20 Tested on: 02-06-20 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	(3000 Psi)	18	5	2020	6Diax12	14	28.28	43	3410	Non Engraved
2	(3000 Psi)	18	5	2020	6Diax12	14	28.28	39	3090	Non Engraved
3	(3000 Psi)	18	5	2020	6Diax12	14	28.28	39	3090	Non Engraved
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