



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

8729

Dr. Umbreen

To: **Sub Divisional Officer**

Buildings Sub Division Shakargarh.

Project: Construction of Dangerous School in Govt. I T High School Shakargarh Distt. Narowal.

Our Ref. No. CL/CED/ 8313 Dated: 13-06-19

Your Ref. No. 1519/Sg Dated: 09-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-05-19 Tested on: 12-06-19 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	(1:2:4)	10	4	2019	6x6x6	8.4	36	102	6350	Non Engraved
2	(1:2:4)	10	4	2019	6x6x6	8.3	36	96	5980	Non Engraved
3	(1:2:4)	10	4	2019	6x6x6	8	36	94	5850	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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8728
Dr. Umbreen

To: **Imran Akhtar, Project Manager**
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42561

Our Ref. No. CL/CED/ 8314 Dated: 13-06-19

Your Ref. No. CME/Cubes/CMPAK/506 Dated: 27-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-05-19 Tested on: 12-06-19 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	Pier Foundation	20	5	2019	6x6x6	8.4	36	100	6230	Non Engraved
2	Pier Foundation	20	5	2019	6x6x6	8.4	36	102	6350	Non Engraved
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8728

Dr. Umbreen

To: **Imran Akhtar, Project Manager**
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42622

Our Ref. No. CL/CED/ 8315 Dated: 13-06-19

Your Ref. No. CME/Cubes/CMPAK/507 Dated: 30-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-05-19 Tested on: 12-06-19 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	Column	2	5	2019	6x6x6	8.2	36	106	6600	Non Engraved
2	Column	2	5	2019	6x6x6	8.4	36	104	6480	Non Engraved
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8750

Dr. Umbreen

To: (Aamir Shehzad Mughal), Site Engineer
BKRY Lahore.

Project: Constt. of BKRY 30-Km Ferozpur Road Lhr. (Ground & Mazzanine F. Slab & Beams Block "B")

Our Ref. No. CL/CED/ 8316 Dated: 13-06-19

Your Ref. No. TBL/19/012 Dated: 12-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-06-19 Tested on: 12-06-19 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
		Month	Day	Year						
1	M.F Slab & Beams	13	5	2019	6Diax12	14	28.28	53	4200	Non Engraved
2	M.F Slab & Beams	13	5	2019	6Diax12	14.2	28.28	51	4040	Non Engraved
3	M.F Slab & Beams	13	5	2019	6Diax12	13.4	28.28	43	3410	Non Engraved
4	G.F Slab & Beams	1	6	2019	6Diax12	13.8	28.28	33	2620	Non Engraved
5	G.F Slab & Beams	1	6	2019	6Diax12	14	28.28	39	3090	Non Engraved
6	G.F Slab & Beams	1	6	2019	6Diax12	14	28.28	37	2940	Non Engraved
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8595
Engr. Aamina

To: Deputy Director (QCD)
WASA LDA Lahore. (M/S H&M Enterprises)
Project: Ten.No.XEN/O&M-II/RT/86/979-84, 12-03-2019.Improv.of Sewrg.Sys.at St.No.13 Khow Wali

Our Ref. No. CL/CED/ 8317 Dated: 13-06-19

Your Ref. No. QCD/346-47 Dated: 30-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-05-19 Tested on: 11-06-19 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	101			3852	9.2x4.4x2.9	3505	40.48	39	2160	9
2	101			4061	9.1x4.5x3.1	3824	40.95	39	2140	5.83
3	101			4070	9.2x4.6x3.1	3803	42.32	33	1750	6.56
4	101			3554	9.1x4.5x2.9	3252	40.95	36	1970	8.49
5	101			3657	9x4.4x2.9	3453	39.6	35	1980	5.57
6	101			3899	9.3x4.3x3.0	3390	39.99	41	2300	13.05
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Department of Civil Engineering

University of Engineering and Technology, Lahore

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8595

To: Deputy Director (QCD)

Engr. Aamina

WASA LDA Lahore. (M/S H&M Enterprises)

Project: Ten.No.XEN/O&M-III/RT/136/Saving Funds/City/2018-19/1876-80, 27-03-2019.Repair of Surface Drain

Our Ref. No.

CL/CED/

8318

Dated:

13-06-19

Your Ref. No.

QCD/355-56

Dated:

30-04-19

COMPRESSION TEST REPORT

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

Specimens received

on:

07-05-19

Tested on:

11-06-19

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	101			4076	9.2x4.4x2.9	3651	40.48	44	2440	10.4
2	101			3691	8.9x4.5x3.0	3387	40.05	35	1960	8.23
3	101			3600	8.9x4.5x2.9	3277	35.6	41	2580	8.97
4	101			3741	9.1x4.5x2.9	3388	40.95	37	2030	9.43
5	101			3989	9.2x4.5x3.0	3650	41.4	25	1360	8.49
6	101			3845	9.1x4.4x3.1	3455	40.04	47	2630	10.14
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8716
Dr. Umbreen

To: (Zulfiqar H Butt), CEO
Al-Tawakkal Construction Company. 7-Edgerton Road, Lahore.
Project: Boundary Wall at PSO Depot, Chakpirana.

Our Ref. No. CL/CED/ 8319 Dated: 13-06-19

Your Ref. No. TCC/19/42 Dated: 30-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-05-19 Tested on: 12-06-19 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
		Month	Day	Year						
1	B.W. Foundation	24	5	2019	6x6x6	8.4	36	98	6100	Engraved
2	B.W. Foundation	24	5	2019	6x6x6	8.4	36	90	5600	Engraved
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8695

Dr. Umbreen

To: (Engr. Roshan Bin Naghman) Assistant Director (Civil), O i/c RMTL.
Civil Aviation Authority, Allama Iqbal International Airport Lahore.
Project: Improvement/Rehabilitation of Secondary Runway at AllAP, Lahore.

Our Ref. No. CL/CED/ 8320 Dated: 13-06-19

Your Ref. No. AllAP/1656-01/045/LACV/II/539 Dated: 15-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-05-19 Tested on: 12-06-19 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		13	3	2019	6x6x6	7.8	36	79	4920	Non Engraved
2		13	3	2019	6x6x6	8.2	36	55	3430	Non Engraved
3		14	3	2019	6x6x6	8.4	36	59	3680	Non Engraved
4		14	3	2019	6x6x6	8.4	36	61	3800	Non Engraved
5		16	3	2019	6x6x6	8	36	88	5480	Non Engraved
6		16	3	2019	6x6x6	8.2	36	69	4300	Non Engraved
7		18	3	2019	6x6x6	8	36	43	2680	Engraved
8		18	3	2019	6x6x6	8	36	73	4550	Engraved
9		21	3	2019	6x6x6	8	36	57	3550	Engraved
10		21	3	2019	6x6x6	7.8	36	59	3680	Engraved
11		22	3	2019	6x6x6	8	36	55	3430	Engraved
12		22	3	2019	6x6x6	8	36	55	3430	Engraved
13		23	3	2019	6x6x6	8	36	55	3430	Engraved
14		23	3	2019	6x6x6	8	36	55	3430	Engraved
End	---	---	---	---	---	---	---	---	---	---
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