



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9807

Dr. Mazhar Saleem

To: Shehzad Ali, Lab Incharge

Tetra Engineering (Pvt) Ltd.

Project: 4. Babar Block Near Barkat Market Garden Town, Lahore.

Our Ref. No. CL/CED/

9756

Dated:

28-01-20

Your Ref. No.

TRM/LAB/4-20

Dated:

15-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-01-20 Tested on: 27-01-20 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	3750 Psi	14	11	2019	6Diax12	14.3	28.28	75	5950	Non Engraved
2	3750 Psi	14	11	2019	6Diax12	14.4	28.28	71	5630	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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

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

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

9807

Dr. Mazhar Saleem

To: Shehzad Ali, Lab Incharge
Tetra Engineering (Pvt) Ltd.
Project: 4. Babar Block Near Barkat Market Garden Town, Lahore.

Our Ref. No. CL/CED/ 9757 Dated: 28-01-20

Your Ref. No. TRM/LAB/5-20 Dated: 15-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-01-20 Tested on: 27-01-20 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	5500 Psi	29	11	2019	6Diax12	15.2	28.28	106	8400	Non Engraved
2	5500 Psi	29	11	2019	6Diax12	15	28.28	112	8880	Non Engraved
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9845
Dr. Aqsa

To: **Rana Aadil Farooq (Deputy Director QCD)**

WASA, LDA, Lahore / (M/s Aasaan Associates)

Project: Tender No.XEN (O&M-I) / NT /2019-20/65 For Replacement of Sewerage System at Different Streets at Zaki Chowk Baba Fareed Colony UC-229 In Industrial Area Sub Division WASA, LDA, Lahore

Our Ref. No. CL/CED/ 9758 Dated: 28-01-20

Your Ref. No. QCD/129-30 Dated: 21-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-01-20 Tested on: 28-01-20 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	5		8.8x4.2x3.0	3251	36.96	19	1160	
2	5		8.8x4.3x3.0	3248	37.84	32	1900	
3	5		8.8x4.2x3.0	3290	36.96	38	2310	
4	5		8.7x4.3x2.9	3274	37.41	32	1920	
5	5		8.8x4.2x3.0	3302	36.96	34	2070	
6	5		8.7x4.3x2.9	3299	37.41	35	2100	
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9823
Dr. Aqsa

To: Assistant Director (Technical)
Anti-Corruption Establishment Sahiwal Region, Sahiwal
Project: Regarding Enquiry No.486/2018

Our Ref. No. CL/CED/ 9759 Dated: 28-01-20
Your Ref. No. DDT-10 Dated: 18-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-20 Tested on: 28-01-20 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	SS		9.0x4.4x2.9	3165	39.6	27	1530	Used
2	SS		9.0x4.4x2.9	3243	39.6	33	1870	Used
3	SS		9.0x4.3x2.8	3247	38.7	28	1630	Used
4	SS		9.0x4.4x2.9	3317	39.6	37	2100	Used
5	SS		9.0x4.3x2.8	3257	38.7	33	1910	Used
6	GR		8.5x4.1x2.9	2747	34.85	26	1680	Used
7	GR		8.5x4.2x2.9	2594	35.7	34	2140	Used
8	GR		8.4x4.2x2.9	2564	35.28	29	1850	Used
9	GR		8.4x4.2x2.9	2700	35.28	35	2230	Used
10	GR		8.4x4.1x2.9	2629	34.44	30	1960	Used
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9828

Dr. Aqsa

To: Rashid Kamran (Resident Engineer)

CM Div., Nespak (Pvt.) Ltd. Lahore

Project: Rehabilitation and Improvement of Road in Front of Lacas School M.A Johar Town, Lahore
(Dualization of Road From PIA Road to UMT, Lahore)

Our Ref. No. CL/CED/

9760

Dated:

28-01-20

Your Ref. No.

4047-R2/13/RK/03/49

Dated:

08-01-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-01-20

Tested on:

28-01-20

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	MPS		8.8x4.3x3.0	3011	37.84	54	3200	
2	MPS		8.8x4.2x3.0	3031	36.96	44	2670	
3	MPS		8.6x4.2x3.0	3006	36.12	45	2800	
4	MPS		8.3x4.2x3.0	3051	34.86	40	2570	
5	MPS		8.5x4.2x2.9	3039	35.7	42	2640	
6	MPS		8.6x4.3x3.0	3071	36.98	43	2610	
7	MPS		8.4x4.3x2.9	3199	36.12	43	2670	
8	MPS		8.6x4.3x2.9	3069	36.98	38	2310	
9	MPS		8.6x4.3x2.9	3111	36.98	38	2310	
10	MPS		8.4x4.3x2.9	3097	36.12	39	2420	
11	MPS		8.5x4.3x2.9	3051	36.55	37	2270	
12	MPS		8.7x4.3x3.0	3065	37.41	32	1920	
13								
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9842

Dr. M. Yousaf

To: **Awais Anjum, Assistant Engineer**

University of Okara. Office of the Chief Engineer.

Project: Construction of Motorcycle and Staff Car Parking at University of Okara.

Our Ref. No. CL/CED/

9761

Dated:

28-01-20

Your Ref. No.

Engg. Cell / UO/ 678

Dated:

20-01-20

COMPRESSION TEST REPORT

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Specimens received on: 22-01-20 Tested on: 28-01-20 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	CH		8.9x4.2x2.8	2752	37.38	35	2100	
2	CH		8.9x4.1x2.8	2739	36.49	35	2150	
3	CH		8.9x4.2x2.8	2761	37.38	35	2100	
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