



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

10012
Dr. Aqsa

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt.) Ltd. Lahore.
Project: Construction of 75-Shadman-I, Lahore (Tetra Engineering Pvt. Ltd).

Our Ref. No. CL/CED/ 9953 Dated: 02-03-20
Your Ref. No. Nil Dated: 26-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-20 Tested on: 27-02-20 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
		Month	Day	Year						
1	Raft (4500 Psi)	23	1	2020	6Diax12	14	28.28	34	2650	Non Engraved
2	Raft (4500 Psi)	23	1	2020	6Diax12	14.1	28.28	35	2730	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)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

9970

Dr. M. Yousaf

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 Improvement 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/ 9954 Dated: 02-03-20

Your Ref. No. QCD/423-24 Dated: 17-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-20 Tested on: 27-02-20 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	ASN		8.8x4.4x2.9	3109	38.72	31	1770	
2	ASN		8.8x4.4x2.9	3164	38.72	37	2110	
3	ASN		8.7x4.4x3	3188	38.28	45	2600	
4	ASN		8.8x4.4x2.9	3240	38.72	46	2620	
5	ASN		8.7x4.3x2.9	3167	37.41	28	1650	
6	ASN		8.8x4.4x3.0	3161	38.72	24	1370	
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9979

Dr. M. Yousaf

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

WASA, LDA, Lahore. (M/S J.M Builders)

Project: Tender No. XEN (O&M-I) / NT/19-20/70 for Replacement/Improvement of Water Supply at Different Street of UC-228 in Industrial Area Sub Division WASA, LDA, Lahore.

Our Ref. No. CL/CED/ 9955 Dated: 02-03-20

Your Ref. No. QCD/476-77 Dated: 19-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-20 Tested on: 27-02-20 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	P		8.7x4.3x2.8	3160	37.41	34	2010	
2	P		8.8x4.4x2.8	3197	38.72	38	2170	
3	P		8.7x4.3x2.8	3179	37.41	57	3360	
4	P		8.8x4.4x2.8	3187	38.72	45	2570	
5	P		8.8x4.3x2.8	3191	37.84	42	2450	
6	P		8.7x4.3x2.8	3169	37.41	42	2480	
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

9986

Dr. M. Yousaf

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

WASA, LDA, Lahore. (M/S Manzoor Builders)

Project: Tender No. XEN (O&M-I) / NT/19-20/67 for Replacement / Improvement of Water Supply at Different Street of UC-229 in Industrial Area Sub Division WASA, LDA, Lahore.

Our Ref. No. CL/CED/

9956

Dated:

02-03-20

Your Ref. No.

QCD/425-26

Dated:

17-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-02-20 Tested on: 27-02-20 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	3 1 2		8.8x4.3x2.8	3149	37.84	32	1870	
2	3 1 2		8.7x4.3x2.9	3069	37.41	31	1830	
3	3 1 2		8.8x4.4x2.8	3109	38.72	24	1370	
4	3 1 2		8.8x4.4x2.9	3125	38.72	37	2110	
5	3 1 2		8.7x4.3x2.8	3009	37.41	60	3540	
6	3 1 2		8.8x4.4x2.8	3074	38.72	45	2570	
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9930

Dr. M. Yousaf

To: **Osama Hassan (Resident Engineer)**
CM Div., Nespak (Pvt.) Ltd. Lahore

Project: Development of Infrastructure in LDA City, Lahore (Package 2 of Development Area-1)

Our Ref. No. CL/CED/ 9957 Dated: 02-03-20

Your Ref. No. 4047/13/OH/03-MBCC/46 Dated: 03-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-02-20 Tested on: 27-02-20 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	MJS		8.8x4.4x2.8	3223	38.72	49	2790	
2	MJS		8.8x4.3x2.8	3251	37.84	39	2280	
3	MJS		8.7x4.4x2.7	3234	38.28	29	1670	
4	MJS		8.8x4.4x2.8	3271	38.72	36	2050	
5	MJS		8.8x4.3x2.8	3240	37.84	45	2630	
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9942
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No.3, Lahore
Project: Installation of Water Filtration Plant in P&D Colony Johar Town Lahore

Our Ref. No. CL/CED/ 9958 Dated: 02-03-20
Your Ref. No. 52/III Dated: 12-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-20 Tested on: 27-02-20 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	JB		8.8x4.4x2.9	3141	38.72	37	2110	
2	JB		8.8x4.3x2.8	3129	37.84	45	2630	
3	JB		8.8x4.4x2.9	3157	38.72	48	2740	
4	7UP		8.8x4.4x2.9	3201	38.72	32	1830	
5	7UP		8.8x4.4x2.9	3197	38.72	19	1090	
6	7UP		8.8x4.3x2.9	3211	37.84	26	1520	
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9948

Dr. Aqsa

To: Arslan Arshad (Project Manager)

DEPAC, Lahore

Project: Construction of Dr. Maqbool Ahmad Block, King Edward Medical University (KEMU), Lahore

Our Ref. No. CL/CED/

9959

Dated:

02-03-20

Your Ref. No.

T-37-03-20

Dated:

13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 27-02-20 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	BBC		9.0x4.5x3.0	3205	40.5			
2	BBC		9.0x4.4x3.0	3214	39.6			
3	BBC		8.9x4.4x3.0	3190	39.16			
4	BBC		9.0x4.5x3.0	3199	40.5			
5	BBC		9.0x4.5x3.0	3210	40.5			
6	BBC		8.9x4.4x2.9	3185	39.16	16	910	
7	BBC		9.0x4.5x3.0	3209	40.5	22	1200	
8	BBC		9.0x4.4x2.9	3221	39.6	25	1400	
9	BBC		8.9x4.5x2.9	3194	40.05	32	1770	
10	BBC		9.0x4.5x3.0	3207	40.5	38	2070	
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Phone Nos. 042-99029202, 042-99029217

9948

Dr. Aqsa

To: **Arslan Arshad (Project Manager)**
DEPAC, Lahore

Project: Construction of Dr. Maqbool Ahmad Block, King Edward Medical University (KEMU), Lahore

Our Ref. No. CL/CED/ 9960 Dated: 02-03-20

Your Ref. No. T-38-03-20 Dated: 13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 27-02-20 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	MA		8.8x4.4x2.9	3109	38.72			
2	MA		8.8x4.4x2.9	3164	38.72			
3	MA		8.7x4.3x2.8	3074	37.41			
4	MA		8.7x4.4x2.9	3188	38.28			
5	MA		8.7x4.4x2.9	3094	38.28			
6	MA		8.8x4.4x2.8	3121	38.72	26	1480	
7	MA		8.8x4.4x2.9	3144	38.72	20	1140	
8	MA		8.7x4.4x2.9	3169	38.28	27	1560	
9	MA		8.8x4.4x2.8	3091	38.72	26	1480	
10	MA		8.8x4.4x2.8	3151	38.72	27	1540	
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9950

To: **Zhao Kailong (General Manager CET Pakistan Branch)**
China Electric Power Equipment and Technology Co. Ltd., Lahore
Project: ±660kV Matiari-Lahore HVDC Transmission Line, (Lot 7)

Dr. M. Yousaf

Our Ref. No. CL/CED/ 9961 Dated: 02-03-20

Your Ref. No. CET/HVDC/Lot-7/UET-20-820 Dated: 13-02-20

COMPRESSION TEST REPORT

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

Specimens received on: 13-02-20 Tested on: 27-02-20 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	Machine Made Double Line		8.4x4.0x2.6	2501	33.6	40	2630	
2	Machine Made Double Line		8.4x4.0x2.6	2527	33.6	23	1510	
3	Machine Made Double Line		8.3x4.0x2.6	2504	33.2	35	2330	
4	Machine Made Double Line		8.4x4.1x2.7	2511	34.44	22	1410	
5	Machine Made Double Line		8.3x4.0x2.6	2521	33.2	25	1660	
6	5 5 5		8.6x4.1x2.7	2410	35.26	10	630	
7	5 5 5		8.6x4.1x2.6	2395	35.26	12	750	
8	5 5 5		8.7x4.1x2.7	2401	35.67	11	680	
9	5 5 5		8.7x4.1x2.7	2421	35.67	12	750	
10	5 5 5		8.6x4.1x2.7	2397	35.26	18	1130	
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