



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

8942

Engr. Ubaid Ahmed

To: **Sufyan Habib (Deputy Director Q.C.D)**

WASA, LDA, Lahore (M/s Abutarab Engineers)

Project: Tender No. XEN (O&M)-III/RT/147/Deposit Fund/City/18-19 Improvement of Sewerage System at Forest Colony in City Sub Division

Our Ref. No. CL/CED/ 8680 Dated: 05-08-19

Your Ref. No. QCD/666-67 Dated: 10-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-07-19 Tested on: 01-08-19 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	A S		8.8x4.4x2.8	3106	38.72	41	2380	
2	A S		8.8x4.4x2.8	3190	38.72	37	2140	
3	A S		8.9x4.4x2.9	3190	39.16	47	2690	
4	A S		8.8x4.3x2.8	3167	37.84	45	2670	
5	A S		8.7x4.1x2.9	3176	35.67	41	2580	
6	A S		8.7x4.2x2.9	3112	36.54	43	2640	
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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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8942

To: Sufyan Habib (Deputy Director Q.C.D)

Engr.Ubaid Ahmed

WASA, LDA, Lahore (M/s Hamza Enterprises)

Project: Tender No. XEN (O&M)-III/RT/189/Deposit Fund/City/18-19 Improvement of Sewerage Line at Kuchha Shahiyan Link Gujjar Gali in City Sub Division

Our Ref. No.
CL/CED/

8681

Dated:

05-08-19

Your Ref. No.

QCD/670-71

Dated:

10-07-19

COMPRESSION TEST REPORT

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

Specimens received
on:

17-07-19

Tested on:

01-08-19

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	A S		8.7x4.2x2.9	3095	36.54	27	1660	
2	A S		8.7x4.3x2.8	3076	37.41	31	1860	
3	A S		8.7x4.4x2.8	3058	38.28	45	2640	
4	A S		8.7x4.4x2.9	3141	38.28	47	2750	
5	A S		8.7x4.2x2.8	3123	36.54	44	2700	
6	A S		8.7x4.2x2.8	3124	36.54	37	2270	
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Phone Nos. 042-99029202, 042-99029217

9003

To: **Nassir Mahmud Mirza (Project Manager)**

Dr. M. Yousaf

M.A. Aleem Khan & Sons Pvt. Ltd. Lahore

Project: Construction of Additional Marquees at Garrison Golf and Country Club Lahore

Our Ref. No. CL/CED/ 8682-1 of 2 Dated: 05-08-19

Your Ref. No. 15004/GMGC/17 Dated: 29-07-19

COMPRESSION TEST REPORT

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

Specimens received
on:

29-07-19

Tested on:

31-07-19

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	I-Section Grey		2.4 Thick	3801	42.13	147	7820	
2	I-Section Grey		2.4 Thick	3827	42.13	156	8300	
3	I-Section Grey		2.4 Thick	3607	42.13	128	6810	
4	I-Section Grey		2.4 Thick	3896	42.13	146	7770	
5	I-Section Grey		2.4 Thick	3744	42.13	172	9150	
6	I-Section Grey		2.4 Thick	3918	42.13	106	5640	
7	I-Section Grey		2.4 Thick	3817	42.13	138	7340	
8	I-Section Grey		2.4 Thick	3994	42.13	168	8940	
9	I-Section Grey		2.4 Thick	3842	42.13	98	5220	
10	I-Section Grey		2.4 Thick	3798	42.13	96	5110	
11	I-Section Grey		2.4 Thick	3870	42.13	154	8190	
12	I-Section Grey		2.4 Thick	3685	42.13	154	8190	
13	I-Section Grey		2.4 Thick	3804	42.13	164	8720	
14	I-Section Grey		2.4 Thick	3867	42.13	152	8090	
15								
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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

9003

Dr. M. Yousaf

To: **Nassir Mahmud Mirza (Project Manager)**

M.A. Aleem Khan & Sons Pvt. Ltd. Lahore

Project: Construction of Additional Marquees at Garrison Golf and Country Club Lahore

Our Ref. No. CL/CED/

8682-2 of 2

Dated:

05-08-19

Your Ref. No.

15004/GMGC/17

Dated:

29-07-19

COMPRESSION TEST REPORT

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

Specimens received on:

29-07-19

Tested on:

31-07-19

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	Rectangular Red		7.7x3.8x2.2	2644	29.26	69	5290	
2	Rectangular Red		7.7x3.8x2.2	2752	29.26	112	8580	
3	Rectangular Red		7.7x3.8x2.2	2564	29.26	81	6210	
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8974

Engr.Ubaid Ahmed

To: Engr. Tauqeer Iqbal (Divisional E.S Civil)
Civil Aviation Authority, Faisalabad International Airport
Project: Construction of Officer Mess at Faisalabad Airport

Our Ref. No. CL/CED/ 8683 Dated: 05-08-19

Your Ref. No. FIAP/1443-15/09-Vol-1/FACV Dated: 15-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-07-19 Tested on: 01-08-19 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	Uniblock Grey		3.1 Thick	4381	37.25	55	3310	
2	Uniblock Grey		3.1 Thick	4460	37.25	75	4510	
3	Uniblock Red		3.1 Thick	4649	37.25	97	5840	
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Phone Nos. 042-99029202, 042-99029217

8985

To: **S. Shaukat Hussain (Incharge Civil)**

Dr. M. Yousaf

Sui Northern Gas Pipelines Ltd., Lahore

Project: Construction of Underground Water Tank and Pump Room at Regional Distribution Office Gujranwala

Our Ref. No. CL/CED/

8684

Dated:

05-08-19

Your Ref. No.

CC/64/U.W/P.R/GUJ

Dated:

25-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-07-19 Tested on: 25-07-19 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	UGWT/GRW	27	6	2019	6x6x6	8.6	36	84	5230	Engraved
2	UGWT/GRW	27	6	2019	6x6x6	8.6	36	86	5360	Engraved
3	UGWT/GRW	27	6	2019	6x6x6	8.6	36	82	5110	Engraved
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Phone Nos. 042-99029202, 042-99029217

8989

To: **Muhammad Aftab (Asstt to Genral Manager)**
Banu Mukhtar Contracting (Pvt.) Ltd. Lahore
Project: Interloop Green Denim Factor

Engr.Ubaid Ahmed

Our Ref. No. CL/CED/ 8685 Dated: 05-08-19

Your Ref. No. BMC/Interloop/012-A Dated: 25-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-07-19 Tested on: 29-07-19 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	Roof Slab (3000 Psi)	26	6	2019	6x6x6	8.4	36	82	5110	Non Engraved
2	Roof Slab (3000 Psi)	26	6	2019	6x6x6	8.8	36	73	4550	Non Engraved
3	Roof Slab (3000 Psi)	26	6	2019	6x6x6	9	36	87	5420	Non Engraved
4	Roof Slab (3000 Psi)	26	6	2019	6x6x6	9	36	81	5040	Non Engraved
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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8996

To: Ch. Abdul Ghafoor (Resident Engineer)

Engr.Ubaid Ahmed

PEPAC (Pvt.) Ltd., Lahore

Project: Establishment of Workers Welfare Complex (Ph-1), Adjacent to Sunder Industrial Estate District Kasur (Package-R)

Our Ref. No. CL/CED/

8686

Dated:

05-08-19

Your Ref. No.

RE/WWC-K/2019/90-00

Dated:

23-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-07-19 Tested on: 29-07-19 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	High School 2 (S.F. Columns)	3	7	2019	6x6x6	8	36	48	2990	Engraved
2	High School 2 (S.F. Columns)	3	7	2019	6x6x6	8	36	46	2870	Engraved
3	High School 2 (S.F. Columns)	3	7	2019	6x6x6	8	36	46	2870	Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8992

To: **Design Force (Pvt.) Ltd.**
42-Haider Road, Rawalpindi Cantt.
Project: Attock Petrol Station DHA Lahore

Engr.Ubaid Ahmed

Our Ref. No. CL/CED/ 8687 Dated: 05-08-19

Your Ref. No. Nil Dated: 25-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-07-19 Tested on: 29-07-19 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	Building Footing	12	7	2019	6x6x6	8.6	36	52	3240	Non Engraved
2	Building Footing	13	7	2019	6x6x6	9	36	39	2430	Non Engraved
3	Building Plinth Beam	19	7	2019	6x6x6	8.4	36	34	2120	Non Engraved
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8993
Engr. Ubaid
Ahmed

To: Farrukh Jamal (Projects Manager)
Unicon Consulting Services (Pvt.) Ltd. Lahore
Project: Construction of MCB, Karrianwala Branch, District Gujrat

Our Ref. No. CL/CED/ 8688 Dated: 05-08-19

Your Ref. No. Nil Dated: 22-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-07-19 Tested on: 01-08-19 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	Slab & Columns	31	5	2019	6x6x6	8.2	36	84	5230	Non Engraved
2	Slab & Columns	31	5	2019	6x6x6	8.4	36	83	5170	Non Engraved
3	Slab & Columns	20	6	2019	6x6x6	8.2	36	83	5170	Non Engraved
4	Slab & Columns	20	6	2019	6x6x6	8.2	36	73	4550	Non Engraved
5	Slab & Columns	30	6	2019	6x6x6	8.4	36	85	5290	Non Engraved
6	Slab & Columns	30	6	2019	6x6x6	8.2	36	81	5040	Non Engraved
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