



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

8730

To: **Abdul Ghafar, Project Manager**

Dr. Umbreen

Liberty Builders 17-A Cooper Road, Lahore.

Project: Constt. of Zee Avenue, 17-A Cooper Road, Lahore. Zone-C, Part-1, Basement-2 Ramp.

Our Ref. No. CL/CED/ 8294 Dated: 10-06-19

Your Ref. No. CONC-20190603 Dated: 03-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-19 Tested on: 03-06-19 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	745	25	5	2019	6Diax12	14.8	28.28	53	4200	Non Engraved
2	746	25	5	2019	6Diax12	14	28.28	47	3730	Non Engraved
3	747	25	5	2019	6Diax12	14.4	28.28	45	3570	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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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8701

To: Mr. Abdul Ghafoor, Karol War, Post Office Baghbanpura, Lahore.

Engr. Aamina

Swift Construction Company.

Project: Alfalah Bank Building, 107 Y-Y, Commercial Area Phase-III, DHA, Lahore.

Our Ref. No. CL/CED/ 8295 Dated: 10-06-19

Your Ref. No. Nil Dated: 27-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-05-19 Tested on: 28-05-19 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		24	4	2019	6Diax12	14	28.28	44	3490	Engraved
2		24	4	2019	6Diax12	14	28.28	47	3730	Engraved
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8662

Dr. Umbreen

To: Mr. Abid Sultan, The Admin Manager
Variant 25-t Gulberg 2,
Lahore.

Project: E to F, Line 3 to 5, B to E, Line 3 to 6

Our Ref. No. CL/CED/ 8296 Dated: 10-06-19

Your Ref. No. VA/23/129 Dated: 20-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 21-05-19 Tested on: 29-05-19 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	4th F.L.Walls	16	4	2019	6Diax12	13.8	28.28	104	8240	Non Engraved
2	4th F.L.Walls	16	4	2019	6Diax12	14.2	28.28	73	5790	Non Engraved
3	Columns	18	4	2019	6Diax12	13.6	28.28	106	8400	Non Engraved
4	Columns	18	4	2019	6Diax12	13.2	28.28	114	9030	Non Engraved
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8699
Dr. Umbreen

To: Mr. Abid Sultan, The Admin Manager
Variant 25-t Gulberg 2, Lahore.
Project: E to H, Line 1 to 5, F to H, Line 5 to 8

Our Ref. No. CL/CED/ 8297 Dated: 10-06-19

Your Ref. No. VA/23/132 Dated: 27-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-05-19 Tested on: 29-05-19 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	4th F.S. Pour-1	24	4	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	4th F.S. Pour-1	24	4	2019	6Diax12	13.8	28.28	89	7050	Non Engraved
3	4th F.S. Pour-2	27	4	2019	6Diax12	13.2	28.28	79	6260	Non Engraved
4	4th F.S. Pour-2	27	4	2019	6Diax12	14	28.28	63	5000	Non Engraved
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8703
Dr. Aqsa

To: Muhammad Aftab, Asstt. to General Manager
Banu Mukhtar Contracting Pvt. Ltd.
Project: "INTERLOOP GREEN DENIM"

Our Ref. No. CL/CED/ 8298 Dated: 10-06-19

Your Ref. No. BMC/INTERLOOP/008- A Dated: 27-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-19 Tested on: 30-05-19 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	Roof Slab	28	4	2019	6x6x6	9	36	76	4730	Non Engraved
2	Roof Slab	28	4	2019	6x6x6	9	36	84	5230	Non Engraved
3	Roof Slab	28	4	2019	6x6x6	9	36	77	4800	Non Engraved
4	Roof Slab	28	4	2019	6x6x6	8.6	36	83	5170	Non Engraved
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8704
Engr. Aamina

To: Shahid Builders (Pvt) Ltd.
G-13/2, F-13 Islamabad.
Project: Constt. of Labard Rehab. & Vocational Training Centre, Harbanspura, Lahore.

Our Ref. No. CL/CED/ 8299 Dated: 10-06-19

Your Ref. No. SBL/2019/6 Dated: 28-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-05-19 Tested on: 28-05-19 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
		4	5	2019						
1	RCC Col. Found.	4	5	2019	6Diax12	14.4	28.28	57	4520	Engraved
2	RCC Col. Found.	4	5	2019	6Diax12	14.4	28.28	42	3330	Engraved
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8676

To: **Mr. Rashid Majid,**
C.E.O
M/S 8.2 Renewable Energy Experts Pakistan Pvt. Ltd.(Contractor, M/S Dynamic Green Limited)
Project: Civil Works of Integrated Energy and Agriculture Concept at UAF.

Dr. Aqsa

Our Ref. No. CL/CED/ 8300 Dated: 10-06-19

Your Ref. No. 8p2/ING/237 Dated: 20-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-05-19 Tested on: 30-05-19 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	*S*				8.5x4.4x2.8	2439	37.4	26	1560	
2	*S*				8.4x4.1x2.7	2291	34.44	28	1830	
3	*S*				8.5x4.1x2.8	2350	34.85	44	2830	
4	*S*				8.5x4.2x2.8	2450	35.7	33	2080	
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8696

Dr. Aqsa

To: **Divisional Forest Officer**

Okara Forest Division Okara.

Project: Constt. of Toilet Set, Sittling Places in Shahbaz Sharif Forest Park Depalpur, District Okara.

Our Ref. No.
CL/CED/

8301

Dated:

10-06-19

Your Ref. No.

5176/AC

Dated:

16-05-19

COMPRESSION TEST REPORT

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

Specimens received
on:

27-05-19

Tested on:

30-05-19

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	RC			3791	9x4.4x3.3	3276	39.6	39	2210	13.58
2	RC			3681	9.1x4.4x2.9	3158	40.04	35	1960	14.2
3	RC			3740	8.9x4.4x3.1	3240	39.16	28	1610	13.36
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Department of Civil Engineering

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8624

Dr. Aqsa

To: (Ahsan G. Hassan), CRE/Team Leader
M&QC Division, NESPAK Pvt. Ltd.

Project: Constt. of Kakezai Cooperative Housing Society-Lahore. (M/S Afzaal Brothers & Co).

Our Ref. No. CL/CED/ 8302 Dated: 10-06-19

Your Ref. No. 3405/14/AGH/KCHS/06/8442 Dated: 07-05-19

COMPRESSION TEST REPORT

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

Specimens received

on: 14-05-19 Tested on: 30-05-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*		Size	Weight	Area of X-Section	Ultimate load	Ultimate Stress	Remarks
		/Wet Weight (gms)		(in)	(lbs./gms)	(Sq. in)	(Tons/lbs)	(Psi)	
1	7UPs		3770	8.9x4.5x3	3485	40.05	58	3250	7.55
2	7UPs		3817	9x4.4x3	3571	39.6	48	2720	6.44
3	7UPs		3749	8.9x4.3x3	3552	38.27	37	2170	5.25
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