



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

8313
Dr. Aqsa

To: Mr. Haider Irfan, Project Manager
Roots International Schools.
Project: Palm Tree Campus Sialkot.

Our Ref. No. CL/CED/ 7896 Dated: 22-04-19
Your Ref. No. 110 32019 Dated: 25-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-03-19 Tested on: 18-04-19 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	515				8.7x4.3x2.9	3070	37.41	29	1740	
2	515				8.8x4.4x2.8	3044	38.72	36	2090	
3	515				8.8x4.3x2.9	2999	37.84	34	2020	
4	515				8.6x4.4x2.9	3086	37.84	36	2140	
5	515				8.7x4.3x2.8	3066	37.41	38	2280	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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 comprressive 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

To: Mr. Muhammad Din, Sub Divisional Officer, Multan.
PASSCO Division Multan. House No.18-D, Shah Rukn-e-Alam Colony Multan.
Project: Musavirk District, Khanewal.

8344
Dr. Aqsa

Our Ref. No. CL/CED/ 7897 Dated: 22-04-19
Your Ref. No. PASSCO/EE/MTN/19/63 Dated: 20-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 18-04-19 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	AG				8.8x4.3x2.9	3120	37.84	58	3440	
2	AG				8.9x4.4x2.8	3166	39.16	42	2410	
3	AG				8.9x4.3x2.9	3192	38.27	41	2400	
4	AG				8.9x4.3x2.9	3107	38.27	36	2110	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8451
Dr. Umbreen

To: M/s Sherwani Enterprises.
153-E, PCSIR Staff Society, College Road, Lahore.
Project: Jubly Town (Water Tank Retaining Wall)

Our Ref. No. CL/CED/ 7898-1 of 2 Dated: 22-04-19
Your Ref. No. Nil Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 16-04-19 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	57	3550	Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8451
Dr. Umbreen

To: M/s Sherwani Enterprises.
153-E, PCSIR Staff Society, College Road, Lahore.
Project: Jubly Town (Water Tank Retaining Wall)

Our Ref. No. CL/CED/ 7898-2 of 2 Dated: 22-04-19
Your Ref. No. Nil Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 16-04-19 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		26	3	2019	6Diax12	12.8	28.28	41	3250	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

To: M/s Sherwani Enterprises.
153-E, PCSIR Staff Society, College Road, Lahore.
Project: Gulab Devi Hospital.

8451
Dr. Umbreen

Our Ref. No. CL/CED/ 7899 Dated: 22-04-19
Your Ref. No. Nil Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 17-04-19 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		11	2	2019	6x6x6	7.4	36	61	3800	Engraved
2		12	2	2019	6x6x6	7.4	36	67	4170	Engraved
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8451
Dr. Umbreen

To: M/s Sherwani Enterprises.
153-E, PCSIR Staff Society, College Road, Lahore.
Project: Gulab Devi Hospital.

Our Ref. No. CL/CED/ 7900 Dated: 22-04-19
Your Ref. No. Nil Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-19 Tested on: 17-04-19 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		19	3	2019	6x6x6	7.8	36	61	3800	Engraved
2		19	3	2019	6x6x6	7.8	36	49	3050	Engraved
3		19	3	2019	6x6x6	7.8	36	61	3800	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

To: Rana Yasir Iftikhar, Construction Company Pvt. Ltd.
213 Jalil Plaza Gujranwala.
Project:

8364
Dr. Aqsa

Our Ref. No. CL/CED/ 7901 Dated: 22-04-19
Your Ref. No. Nil Dated: 01-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 01-04-19 Tested on: 18-04-19 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	SS			3542	8.9x4.4x2.9	3144	39.16	43	2460	12.65
2	SS			3543	8.8x4.3x2.8	3145	37.84	40	2370	12.65
3	SS			3597	8.8x4.4x2.9	3179	38.72	43	2490	13.14
4	SS			3474	8.9x4.3x2.8	3099	38.27	47	2760	12.1
5	SS			3573	8.9x4.4x2.9	3156	39.16	39	2240	13.21
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8410
Dr. Aqsa

To: (Akhtar Mahmood), Resident Engineer
NESPAK Pvt. Ltd. E & PHE Division, 402/F, Shah Rukene Alam Colony, Multan.
Project:Constt. of Sewage Disposal Station New Shah Shams Colony, Multan.

Our Ref. No. CL/CED/ 7902 Dated: 22-04-19
Your Ref. No. 3142/11/HAM/06/726 Dated: 13-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-19 Tested on: 18-04-19 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	11			2984	9x4.2x2.9	2708	37.8	45	2670	10.19
2	11			3102	8.8x4.2x2.9	2789	36.96	41	2490	11.22
3	11			3054	8.8x4.2x2.8	2651	36.96	27	1640	15.2
4	11			3270	8.8x4.2x2.9	2845	36.96	27	1640	14.93
5	11			3141	8.8x4.1x2.8	2802	36.08	38	2360	12.09
6	11			3225	8.7x4.1x2.7	2926	35.67	36	2270	10.21
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8433
Dr. Aqsa

To: Sub Divisional Officer
Public Health Engg. Sub Division, Kamalia.
Project: Ghousia Bhatta Khisht Tehsil Pirmahel District, Toba Tek Singh.

Our Ref. No. CL/CED/ 7903 Dated: 22-04-19
Your Ref. No. 46/K Dated: 05-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 10-04-19 Tested on: 18-04-19 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	OK				8.9x4.4x2.9	3164	39.16	30	1720	
2	OK				8.8x4.3x2.9	3194	37.84	31	1840	
3	OK				8.9x4.4x2.8	3099	39.16	29	1660	
4	OK				8.8x4.3x2.9	3084	37.84	66	3910	
5	OK				8.9x4.4x2.9	3092	39.16	31	1780	
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8426
Engr. A.
Rehman

To: Farrukh Jamal, Projects Manager
Unicon Consulting Services Pvt. Ltd.
Project: Constt. of MC Bank Ltd, Karrianwala Branch, District Gujrat.

Our Ref. No. CL/CED/ 7904 Dated: 22-04-19

Your Ref. No. Nil Dated: 29-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 22-04-19 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	Footing	27	2	2019	6x6x6	8.4	36	86	5360	Engraved
2	Footing	27	2	2019	6x6x6	8.2	36	71	4420	Engraved
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Phone Nos. 042-99029202, 042-99029217

8437
Engr. A.
Rehman

To: Sub Divisional Officer
Buildings Sub Division No.10, Lahore.
Project: Constt. of Police Station Factory Area, Lahore.

Our Ref. No. CL/CED/ 7905 Dated: 22-04-19
Your Ref. No. 118/10th Dated: 01-03-19

COMPRESSION TEST REPORT
Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 11-04-19 Tested on: 22-04-19 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	F.F Roof Slab	15	2	2019	6x6x6	8.4	36	43	2680	Non Engraved
2	F.F Roof Slab	15	2	2019	6x6x6	8.2	36	64	3990	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8437

To: Sub Divisional Officer
Buildings Sub Division No.10, Lahore.
Project: Constt. of Police Station Factory Area, Lahore.

Engr. A. Rehman

Our Ref. No. CL/CED/ 7906 Dated: 22-04-19
Your Ref. No. 116/10th Dated: 01-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-19 Tested on: 22-04-19 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	2nd Floor Col.	2	3	2019	6x6x6	8.6	36	54	3360	Non Engraved
2	2nd Floor Col.	2	3	2019	6x6x6	8.4	36	61	3800	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8440
Dr. Umbreen

To: Engr. Tajammal Farooq, Resident Engineer
AZ Engineering Associates Sialkot. (Contractor, M/s A.K.B.), M/s Izhar Pvt. Ltd.
Project: Sialkot Fly Over at Sublime Chowk on Sialkot Wazirabad Road. (Distt. Sialkot)

Our Ref. No. CL/CED/ 7907 Dated: 22-04-19
Your Ref. No. RE/SKT-165 Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 11-04-19 Tested on: 17-04-19 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	Kerb Stone				5.8x5.8x5.6	7.2	33.64	94	6260	Cut Cube
2	Kerb Stone				5.9x5.8x5.6	7.6	34.22	94	6160	Cut Cube
3	Kerb Stone				5.9x5.8x5.6	7.2	34.22	77	5050	Cut Cube
End	---	---	---	---	---	---	---	---	---	---
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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"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