



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

To: Mr. Usman Ali (Project Manager)
Mukhtar Sons Construction Pvt. Ltd.
Project:Naveena Apartments, 35-C, Gulberg III, Lahore

8004
Dr. M. Yousaf

Our Ref. No. CL/CED/7173Dated:06-02-19

Your Ref. No.NilDated:30-01-19

COMPRESSION TEST REPORT

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

Specimens received on:30-01-19Tested on:01-02-19in 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 B-1 Pour-1st	1	1	2019	6Diax12	13.4	28.28	60	4760	Engraved
2	Slab B-1 Pour-1st	1	1	2019	6Diax12	13.1	28.28	56	4440	Engraved
3	Slab B-1 Pour-1st	1	1	2019	6Diax12	13.5	28.28	60	4760	Engraved
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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 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

8004

To: Mr. Usman Ali (Project Manager)
Mukhtar Sons Construction Pvt. Ltd.
Project:Naveena Apartments, 35-C, Gulberg III, Lahore

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7174 Dated: 06-02-19

Your Ref. No. Nil Dated: 30-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-01-19 Tested on: 01-02-19 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	Raft-5th Pour	12	12	2018	6Diax12	13.3	28.28	70	5550	Non Engraved
2	Raft-5th Pour	12	12	2018	6Diax12	13.4	28.28	67	5310	Non Engraved
3	Raft-5th Pour	12	12	2018	6Diax12	13.6	28.28	76	6020	Non Engraved
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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

8004

To: Mr. Usman Ali (Project Manager)
Mukhtar Sons Construction Pvt. Ltd.
Project:Naveena Apartments, 35-C, Gulberg III, Lahore

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7175 Dated: 06-02-19

Your Ref. No. Nil Dated: 30-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-01-19 Tested on: 01-02-19 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	Raft-6th Pour	4	1	2019	6Diax12	13.3	28.28	69	5470	Non Engraved
2	Raft-6th Pour	4	1	2019	6Diax12	13.3	28.28	65	5150	Non Engraved
3	Raft-6th Pour	4	1	2018	6Diax12	13.2	28.28	62	4920	Non Engraved
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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

8006

To: Muhammad Afzal (Engineer)
Widecon Engineers & Contractors, Lahore
Project: Construction of Beaconhouse School Sadiqabad, 1st Floor Slab (North Circular Portion)

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7176 Dated: 06-02-19

Your Ref. No. WEC-Gen-21/19 Dated: 27-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-01-19 Tested on: 01-02-19 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		23	12	2018	6Diax12	13.2	28.28	73	5790	Non Engraved
2		23	12	2018	6Diax12	13.3	28.28	66	5230	Non Engraved
3		23	12	2018	6Diax12	13.2	28.28	69	5470	Non Engraved
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supervisor(lab) Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

7978
Dr. M. Yousaf

To: **Municipal Office (Infrastructure)**
Municipal Committee, Toba Tek Singh
Project:Providing & Laying RCC Sewer PCC Tuff Pavers Mohallah Sarhand Colony Ward No.22 Toba Tek Singh

Our Ref. No. CL/CED/ 7177 Dated: 06-02-19
Your Ref. No. 324MC/TTS Dated: 26-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-19 Tested on: 06-02-19 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 Grey				7.8x3.8x2.3	2637	29.64	126	9530	
2	Rectangular Grey				7.8x3.8x2.3	2697	29.64	111	8390	
3	Rectangular Grey				7.8x3.8x2.3	2702	29.64	78	5900	
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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: Sh. Abdul Nasir
Punjab Concrete, Lahore
Project:

7980
Dr. M. Yousaf

Our Ref. No. CL/CED/ 7178 Dated: 06-02-19
Your Ref. No. Nil Dated: 26-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-19 Tested on: 06-02-19 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 Grey				7.8x3.8x2.2	2811	29.64	121	9150	
2	Rectangular Grey				7.8x3.8x2.2	2777	29.64	126	9530	
3	Rectangular Grey				7.8x3.8x2.2	2742	29.64	36	2730	
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

7973
Dr. M. Yousaf

To: Engr. Naeemullah (Business Development Manager)
Sultan Concrete, Lahore
Project:

Our Ref. No. CL/CED/ 7179 Dated: 06-02-19
Your Ref. No. 2124 Dated: 18-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 25-01-19 Tested on: 06-02-19 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 Grey				7.8x3.8x3.1	3623	29.64	116	8770	
2	Rectangular Grey				7.8x3.8x3.1	3549	29.64	95	7180	
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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

7973
Dr. M. Yousaf

To: Engr. Naeemullah (Business Development Manager)
Sultan Concrete, Lahore
Project:

Our Ref. No. CL/CED/ 7180 Dated: 06-02-19
Your Ref. No. 2123 Dated: 18-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 25-01-19 Tested on: 06-02-19 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 Grey				7.8x3.8x2.4	2668	29.64	113	8540	
2	Rectangular Grey				7.8x3.8x2.4	2655	29.64	129	9750	
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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

7973
Dr. M. Yousaf

To: Engr. Naeemullah (Business Development Manager)
Sultan Concrete, Lahore
Project:

Our Ref. No. CL/CED/ 7181 Dated: 06-02-19
Your Ref. No. 2127 Dated: 18-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 25-01-19 Tested on: 06-02-19 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	Kerb Stone	15	11	2018	5.1x5.0x5.0	6545	25.5	27	2380	Cut Cube
2	Kerb Stone	15	11	2018	5.1x5.0x5.0	6426	25.5	38	3340	Cut Cube
3	Kerb Stone	15	11	2018	5.1x5.0x5.0	6591	25.5	20	1760	Cut Cube
4	Kerb Stone	15	11	2018	5.1x5.0x5.0	6400	25.5	35	3080	Cut Cube
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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: M. Shakeel
Mohallah Salamat Pura, Lahore Cantt., Lahore
Project:F-Section

7999
Dr. M. Yousaf

Our Ref. No. CL/CED/ 7182 Dated: 06-02-19
Your Ref. No. Nil Dated: 30-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-01-19 Tested on: 06-02-19 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	Rectangular Grey	1	1	2019	7.8x3.8x2.2	2869	29.64	85	6430	
2	Rectangular Grey	1	1	2019	7.8x3.8x2.2	2830	29.64	92	6960	
3	Rectangular Grey	1	1	2019	7.8x3.8x2.2	2835	29.64	94	7110	
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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: Arshad Ali Arshad (Resident Engineer)
E&PHE Div., NESPAK Pvt. Ltd. Lahore
Project:(Grp-I)Sewerage/Drainage Scheme From Sialkot Bypass for Aroop, Lohianwala&Mandiala Warraich
Gujranwala

7732
Dr. M. Yousaf

Our Ref. No. CL/CED/7183Dated:06-02-19

Your Ref. No.3932/GRW/TEST/062Dated:10-12-18

COMPRESSION TEST REPORT

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

Specimens received on:11-12-18Tested on:06-02-19in 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	D B C			3852	8.9x4.4x2.9	3296	39.16	16	920	16.86
2	D B C			3684	8.9x4.3x2.9	3177	38.27	16	940	15.95
3	D B C			3651	8.9x4.3x2.9	3169	38.27	24	1410	15.2
4	D B C			3730	8.8x4.3x2.9	3182	37.84	18	1070	17.22
5	D B C			3708	8.8x4.4x3.0	3164	38.72	18	1050	17.19
6	D B C			3699	8.9x4.3x2.9	3199	38.27	28	1640	15.62
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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

7732

To: Arshad Ali Arshad (Resident Engineer)
E&PHE Div., NESPAK Pvt. Ltd. Lahore
Project:(Grp-I)Sewerage/Drainage and Water Supply at Rakh Kikran Wali UC No.70, External Khiali Shahpur UC No.71, Kohlu Wala UC No.72 in Gujranwala

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7184 Dated: 06-02-19

Your Ref. No. 3932/GRW/TEST/063 Dated: 10-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-18 Tested on: 06-02-19 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	2 5			3720	8.9x4.3x2.9	3214	38.27	20	1180	15.74
2	2 5			3607	8.9x4.3x3.0	3197	38.27	33	1940	12.82
3	2 5			3697	8.8x4.4x3.0	3164	38.72	14	810	16.84
4	2 5			3579	8.9x4.5x2.9	3141	40.05	31	1740	13.94
5	2 5			3778	8.9x4.4x2.9	3214	39.16	13	750	17.54
6	2 5			3665	8.8x4.3x3.0	3188	37.84	16	950	14.96
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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"x12" 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