



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

10171
Dr. M. Burhan

To: Irfan Ali (Engineer: Projects)
Ittefaq Construction Services, Lahore
Project: Construction of Allied Bank Branch at Shabazpur Road Rahim Yar Khan

Our Ref. No. CL/CED/ 269 Dated: 25-06-20
Your Ref. No. ICS/H.O/ABL/021 Dated: 10-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-20 Tested on: 24-06-20 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	Gomal				9.0x4.3x2.7	3040	38.7	41	2380	
2	Gomal				9.0x4.4x2.8	2998	39.6	35	1980	
3	Gomal				9.0x4.4x2.8	3051	39.6	33	1870	
4	Gomal				9.0x4.4x2.7	3090	39.6	33	1870	
5	Gomal				9.0x4.3x2.8	3012	38.7	33	1910	
6										
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16										

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

To: Rana Aadil Farooq (Deputy Director QCD)
WASA, LDA, Lahore / (M/s Muhammad Aslam Contractors)
Project: Tender No.XEN(O&M-I) N.T/19-20/174 for Improvement of Sewerage System at Fiaz Advocate
Chowk to Darbar Chowk E-Block Youhanabad to Rohi Nala in Kahna Sub Division WASA, LDA, Lhr

10154
Dr. M. Burhan

Our Ref. No. CL/CED/270Dated:25-06-20

Your Ref. No.QCD/918-19Dated:29-05-20

COMPRESSION TEST REPORT

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

Specimens received on:04-06-20Tested on:24-06-20in 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	W B				8.6x4.3x2.9	2652	36.98	43	2610	
2	W B				8.7x4.4x2.8	2698	38.28	39	2290	
3	W B				8.6x4.3x2.8	2734	36.98	53	3210	
4	W B				8.7x4.4x2.8	2701	38.28	51	2990	
5	W B				8.7x4.3x2.9	2671	37.41	47	2820	
6	W B				8.6x4.4x2.8	2712	37.84	45	2670	
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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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

10167

To: **Muhammad Shafiq (Engineer Representative)**
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: (Package-1) Construction of Entrance Gate, Security Road, Boundary Wall and Watch Towers of Lahore Knowledge Park

Dr. M. Burhan

Our Ref. No. CL/CED/ 271-1 of 3 Dated: 25-06-20
Your Ref. No. 3957/13/MS/10/287 Dated: 09-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-20 Tested on: 24-06-20 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	R T				8.8x4.3x3.0	3215	37.84	35	2080	
2	R T				8.8x4.4x2.8	3221	38.72	35	2030	
3	R T				8.7x4.3x2.8	3251	37.41	33	1980	
4	R T				8.8x4.3x3.0	3209	37.84	27	1600	
5	R T				8.7x4.3x2.8	3240	37.41	25	1500	
6	F B				8.5x4.0x2.8	3021	34	43	2840	
7	F B				8.6x4.1x2.8	3209	35.26	45	2860	
8	F B				8.6x4.0x2.7	3249	34.4	33	2150	
9	F B				8.5x4.1x2.7	3229	34.85	33	2130	
10	F B				8.6x4.0x2.8	3219	34.4	47	3060	
11	L S N				8.8x4.4x2.8	3230	38.72	25	1450	
12	L S N				8.8x4.3x2.8	3241	37.84	39	2310	
13	L S N				8.7x4.3x2.7	3227	37.41	31	1860	
14	L S N				8.7x4.3x2.8	3247	37.41	35	2100	
15	L S N				8.8x4.4x2.7	3251	38.72	35	2030	
16										

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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

10167

Dr. M. Burhan

To: **Muhammad Shafiq (Engineer Representative)**
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: (Package-1) Construction of Entrance Gate, Security Road, Boundary Wall and Watch Towers of Lahore Knowledge Park

Our Ref. No. CL/CED/ 271-2 of 3 Dated: 25-06-20

Your Ref. No. 3957/13/MS/10/287 Dated: 09-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-20 Tested on: 24-06-20 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
16	5 1 5		8.8x4.4x2.8	3141	38.72	55	3190	
17	5 1 5		8.8x4.4x2.8	3157	38.72	33	1910	
18	5 1 5		8.7x4.3x2.8	3149	37.41	45	2700	
19	5 1 5		8.7x4.3x2.8	3159	37.41	37	2220	
20	5 1 5		8.8x4.4x2.8	3131	38.72	39	2260	
21	R 34		8.8x4.4x2.8	3197	38.72	63	3650	
22	R 34		8.7x4.3x2.8	3181	37.41	35	2100	
23	R 34		8.8x4.4x2.8	3199	38.72	41	2380	
24	R 34		8.7x4.3x2.8	3189	37.41	45	2700	
25	R 34		8.8x4.4x2.8	3173	38.72	35	2030	
26	S K		8.8x4.4x2.7	3209	38.72	55	3190	
27	S K		8.7x4.3x2.7	3231	37.41	35	2100	
28	S K		8.7x4.3x2.8	3227	37.41	29	1740	
29	S K		8.8x4.4x2.8	3218	38.72	41	2380	
30	S K		8.8x4.4x2.7	3221	38.72	41	2380	
16								

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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: **Muhammad Shafiq (Engineer Representative)**
CM Div., NESPAK (Pvt.) Ltd. Lahore
Project: (Package-1) Construction of Entrance Gate, Security Road, Boundary Wall and Watch Towers of Lahore Knowledge Park

10167
Dr. M. Burhan

Our Ref. No. CL/CED/ 271-3 of 3 Dated: 25-06-20
Your Ref. No. 3957/13/MS/10/287 Dated: 09-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-06-20 Tested on: 24-06-20 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
31	N D				8.8x4.4x2.9	3101	38.72	45	2610	
32	N D				8.8x4.4x3.0	3121	38.72	49	2840	
33	N D				8.8x4.4x3.0	3119	38.72	61	3530	
34	N D				8.8x4.4x2.9	3139	38.72	49	2840	
35	N D				8.8x4.4x3.0	3140	38.72	53	3070	
36	C H				8.6x4.2x3.0	3180	36.12	45	2800	
37	C H				8.6x4.2x2.9	3187	36.12	35	2180	
38	C H				8.7x4.3x3.0	3175	37.41	59	3540	
39	C H				8.7x4.3x2.9	3199	37.41	49	2940	
40	C H				8.6x4.2x2.9	3187	36.12	47	2920	
11										
12										
13										
14										
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16										

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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: **Abdul Ghafar (Project Manager)**
Liberty Builders, Lahore
Project: Construction of Zee Avenue-Ramada Hotel & Suites 17-A Cooper Road, Lahore (Columns of Phase-2, at 4th Floor Level, +51'-4" to +62'-4")

10223
Dr. Umbreen

Our Ref. No. CL/CED/ 272 Dated: 25-06-20
Your Ref. No. CCT/UET/20200624 Dated: 24-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 24-06-20 Tested on: 25-06-20 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
		/Wet Weight (gms)								
1	2071 (6000 Psi)	21	5	2020	6Diax12	14	28.28	65	5150	Engraved
2	2072 (6000 Psi)	21	5	2020	6Diax12	14	28.28	41	3250	Non Engraved
3	2073 (6000 Psi)	21	5	2020	6Diax12	13.4	28.28	69	5470	Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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14										
15										
16										

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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: Assistant Civil Engineer
PSIC, Directorate of Works and Development, Lahore (M/s Asghar & Co. Contractors Pvt. Ltd.)
Project: Construction of Regional Director Office & Display Hall Sahiwal (Admin Block & Display Hall)

10217

Dr. Umbreen

Our Ref. No. CL/CED/ 273 Dated: 25-06-20

Your Ref. No. PSIC/W&D/By Hand Dated: 26-03-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-06-20 Tested on: 25-06-20 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	Roof Slab, Beams	15	4	2020	6Diax12	14	28.28	90	7130	Non Engraved
2	Roof Slab, Beams	15	4	2020	6Diax12	12.2	28.28	53	4200	Non Engraved
3	Roof Slab, Beams	15	4	2020	6Diax12	13.2	28.28	61	4840	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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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

10207
Dr. M. Burhan

To: S. Shaukat Hussain (Incharge Civil)
Sui Northern Gas Pipeliens Ltd., Lahore
Project: Construction of Fiber Glass Shed at CBS Manga

Our Ref. No. CL/CED/ 274 Dated: 25-06-20

Your Ref. No. CC/CBS/Manga Dated: 19-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-20 Tested on: 25-06-20 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	Uni-block Grey				2.3 Thick	3401	37.25	170	10230	
2	Uni-block Grey				2.3 Thick	3325	37.25	176	10590	
3	Uni-block Grey				2.3 Thick	3513	37.25	176	10590	
4	Uni-block Grey				2.3 Thick	3341	37.25	158	9510	
5	Uni-block Grey				2.3 Thick	3463	37.25	176	10590	
6	Uni-block Grey				2.3 Thick	3329	37.25	124	7460	
7	Uni-block Grey				2.3 Thick	3472	37.25	106	6380	
8	Uni-block Grey				2.3 Thick	3491	37.25	112	6740	
9	Uni-block Grey				2.3 Thick	3376	37.25	176	10590	
10	Uni-block Grey				2.3 Thick	3368	37.25	150	9020	
11										
12										
13										
14										
15										
16										

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Phone Nos. 042-99029202, 042-99029217

10209
Dr. Umbreen

To: Maple Condominiums
54-C1, Gulberg III, Lahore
Project: Dream Garden Site

Our Ref. No. CL/CED/ 275 Dated: 25-06-20
Your Ref. No. Nil Dated: 22-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-20 Tested on: 25-06-20 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
		/Wet Weight (gms)								
1		15	5	2020	6Diax12	13.6	28.28	43	3410	Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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Phone Nos. 042-99029202, 042-99029217

10209
Dr. Umbreen

To: **Maple Condominiums**
54-C1, Gulberg III, Lahore
Project: Nil

Our Ref. No. CL/CED/ 276 Dated: 25-06-20
Your Ref. No. Nil Dated: 22-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 22-06-20 Tested on: 25-06-20 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
		/Wet Weight (gms)								
1		15	5	2020	6Diax12	13.4	28.28	49	3890	Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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Director/Dy. Director Concrete Laboratory