



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

8952

Dr. M. Yousaf

To: Ch. Abdul Ghafoor (Resident Engineer)
PEPAC Pvt. Ltd. Lahore. (M/s Muhammad Rafique Bhatti),
Project:(Pkg-H) Estab. of WWC(Ph-1), Adjacent to SIE Distt. Kasur. (Block 78/6).

Our Ref. No. CL/CED/ 8628 Dated: 29-07-19

Your Ref. No. RE/WWC-K/2019/0 Dated: 16-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-07-19 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
		Month	Day	Year						
1	3rd. F.R. Slab	3	6	2019	6x6x6	8.6	36	107	6660	Non Engraved
2	3rd. F.R. Slab	3	6	2019	6x6x6	8.2	36	73	4550	Non Engraved
3	3rd. F.R. Slab	3	6	2019	6x6x6	8.8	36	59	3680	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

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** 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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8953

Dr. M. Yousaf

To: **M. Kashif Mufty (D.G.M Civil)**
Nishat Hotels and Properties Ltd., Lahore
Project: Nishat NBH Gulberg Lhr

Our Ref. No. CL/CED/ 8629-1 of 2 Dated: 29-07-19

Your Ref. No. NHPL/NBH/ITFQ/CONC/07 Dated: 17-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-07-19 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
		Month	Day	Year						
1	B-1 (Columns)	14	6	2019	6Diax12	13.8	28.28	78	6180	Non Engraved
2	B-1 (Columns)	14	6	2019	6Diax12	14	28.28	78	6180	Non Engraved
3	B-1 (Columns)	14	6	2019	6Diax12	14	28.28	78	6180	Non Engraved
4	B-1 (Lift Col. G-5)	16	6	2019	6Diax12	14	28.28	66	5230	Non Engraved
5	B-1 (Lift Col. G-5)	16	6	2019	6Diax12	14	28.28	66	5230	Non Engraved
6	B-1 (Lift Col. G-5)	16	6	2019	6Diax12	14	28.28	63	5000	Non Engraved
7	B-1(Sep. Tank GX-1)	20	6	2019	6Diax12	14	28.28	55	4360	Non Engraved
8	B-1(Sep. Tank GX-1)	20	6	2019	6Diax12	14	28.28	76	6020	Non Engraved
9	B-1(Sep. Tank GX-1)	20	6	2019	6Diax12	14	28.28	67	5310	Non Engraved
10	GF (Lift Col. G-5)	17	6	2019	6Diax12	14	28.28	80	6340	Non Engraved
11	GF (Lift Col. G-5)	17	6	2019	6Diax12	14	28.28	50	3970	Non Engraved
12	GF (Lift Col. G-5)	17	6	2019	6Diax12	14	28.28	78	6180	Non Engraved
13	F.F. (Lift Col. G-5)	18	6	2019	6Diax12	14	28.28	78	6180	Non Engraved
14	F.F. (Lift Col. G-5)	18	6	2019	6Diax12	14	28.28	62	4920	Non Engraved
15	F.F. (Lift Col. G-5)	18	6	2019	6Diax12	14	28.28	45	3570	Non Engraved
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Dr. M. Yousaf

To: M. Kashif Mufty (D.G.M Civil)
Nishat Hotels and Properties Ltd., Lahore
Project: Nishat NBH Gulberg Lhr

Our Ref. No. CL/CED/ 8629-2 of 2 Dated: 29-07-19

Your Ref. No. NHPL/NBH/ITFQ/CONC/07 Dated: 17-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-07-19 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
		Month	Day	Year						
16	S.F. (Lift Col. G-5)	19	6	2019	6Diax12	14	28.28	67	5310	Non Engraved
17	S.F. (Lift Col. G-5)	19	6	2019	6Diax12	14	28.28	66	5230	Non Engraved
18	S.F. (Lift Col. G-5)	19	6	2019	6Diax12	14	28.28	106	8400	Non Engraved
19	S.F.(Slab GX-Gy/3_4)	20	6	2019	6Diax12	14	28.28	66	5230	Non Engraved
20	S.F.(Slab GX-Gy/3_4)	20	6	2019	6Diax12	14	28.28	67	5310	Non Engraved
21	S.F.(Slab GX-Gy/3_4)	20	6	2019	6Diax12	14	28.28	58	4600	Non Engraved
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8953

Dr. M. Yousaf

To: **M. Kashif Mufty (D.G.M Civil)**
Nishat Hotels and Properties Ltd., Lahore
Project: Nishat NBH Gulberg Lhr

Our Ref. No. CL/CED/ 8630 Dated: 29-07-19

Your Ref. No. NHPL/NBH/ITFQ/CONC/06 Dated: 15-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-07-19 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	Col. L-5 G-GY/3-4	1	7	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	Col. L-5 G-GY/3-4	1	7	2019	6Diax12	13.8	28.28	57	4520	Non Engraved
3	Col. L-5 G-GY/3-4	1	7	2019	6Diax12	14	28.28	56	4440	Non Engraved
4	Slab L-1 GX-GY/3-4	5	7	2019	6Diax12	13.2	28.28	25	1990	Non Engraved
5	Slab L-1 GX-GY/3-4	5	7	2019	6Diax12	13	28.28	20	1590	Non Engraved
6	Slab L-1 GX-GY/3-4	5	7	2019	6Diax12	13.2	28.28	23	1830	Non Engraved
7	Slab L-2 GX-GY/3-4	6	7	2019	6Diax12	13.2	28.28	44	3490	Non Engraved
8	Slab L-2 GX-GY/3-4	6	7	2019	6Diax12	13	28.28	40	3170	Non Engraved
9	Slab L-2 GX-GY/3-4	6	7	2019	6Diax12	13.6	28.28	37	2940	Non Engraved
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8959

Dr. M. Yousaf

To: Ali Raza Qureshi (Project Director HVDC)
National Transmission & Despatch Company Ltd., Lahore
Project: Watch Tower No.4 at 660 KV HVDC Converter Station Lahore

Our Ref. No. CL/CED/ 8631 Dated: 29-07-19

Your Ref. No. 1534-40/PD/HVDC/NTDC/LHR Dated: 18-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-07-19 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
		Month	Day	Year						
1	Watch Tower	18	6	2019	6Diax12	13.4	28.28	73	5790	Non Engraved
2	Watch Tower	18	6	2019	6Diax12	13.4	28.28	63	5000	Non Engraved
3	Watch Tower	18	6	2019	6Diax12	13.4	28.28	66	5230	Non Engraved
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8923

To: **Furqan Ali Malik (Chief Resident Engineer, Package-I)** Engr. Ubaid Ahmed
CM Div., NESPAK (Pvt.) Ltd. Lahore, (Ghosia), M/S Fast Track Construction
Project: (Sec-I) Constt. & Rehab. of at Grade Works Along Lahore Orange Line Metro Train Corridor Pkg-1
Ring Road to Daroghawala Chowk

Our Ref. No. CL/CED/ 8632 Dated: 29-07-19

Your Ref. No. 4042/13/FAM/Tough-Paver-051 Dated: 12-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-19 Tested on: 29-07-19 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 Grey				7.8x3.8x3.0	3692	29.64	104	7860	
2	Rectangular Grey				7.8x3.8x3.0	3596	29.64	121	9150	
3	Rectangular Red				7.8x3.8x3.0	3768	29.64	104	7860	
4	Rectangular Grey				7.8x3.8x2.2	2742	29.64	88	6660	
5	Rectangular Grey				7.8x3.8x2.2	2796	29.64	84	6350	
6	Rectangular Red				7.8x3.8x2.2	2731	29.64	70	5300	
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8994

To: **Pak Construction System.**

Dr. Rizwan Azam

Flat # 21, 2nd Floor, Sharaf Mension, Chowk Ganga Ram Hospital, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8633 Dated: 29-07-19

Your Ref. No. Nil Dated: 26-07-19

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
		/Wet Weight (gms)								
1	Footing	26	6	2019	6Diax12	13.6	28.28	43	3410	Non Engraved
2	Footing	26	6	2019	6Diax12	13.4	28.28	47	3730	Non Engraved
3	Column	19	7	2019	6Diax12	14	28.28	33	2620	Non Engraved
4	Column	19	7	2019	6Diax12	13.4	28.28	37	2940	Non Engraved
5	Retaining Wall	12	7	2019	6Diax12	13.8	28.28	35	2780	Non Engraved
6	Retaining Wall	12	7	2019	6Diax12	13.4	28.28	39	3090	Non Engraved
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