



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

8200
Dr. Nauman

To: **Aamir Shahzad Mughal (Project Manager)**

BKRY Lahore

Project: Construction of BKRY 30-KM Ferozpur Road Lahore

Our Ref. No. CL/CED/ 7518 Dated: 13-03-19

Your Ref. No. TBL/19/008 Dated: 05-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-03-19 Tested on: 08-03-19 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	Grid T	10	1	2019	6Diax12	14	28.28	77	6100	Non Engraved
2	Grid LM	29	11	2018	6Diax12	14	28.28	83	6580	Non Engraved
3	Grid N-15	13	2	2019	6Diax12	14	28.28	45	3570	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?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" 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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University of Engineering and Technology, Lahore

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8210

Dr. Nauman

To: **Yasoob Khalid (Project Engineer)**
Vision Developers Pvt. Ltd. Lahore
Project: Park View
Apartments

Our Ref. No. CL/CED/ 7519 Dated: 13-03-19

Your Ref. No. VG/PVA/Apartments/283 Dated: 06-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-19 Tested on: 12-03-19 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	Trial Mix	27	2	2019	6Diax12	14.4	28.28	91	7210	Non Engraved
2	Trial Mix	27	2	2019	6Diax12	14	28.28	85	6740	Non Engraved
3	Trial Mix	27	2	2019	6Diax12	14	28.28	87	6900	Non Engraved
4	Trial Mix	25	2	2019	6Diax12	13.6	28.28	85	6740	Non Engraved
5	Trial Mix	25	2	2019	6Diax12	14	28.28	91	7210	Non Engraved
6	Trial Mix	25	2	2019	6Diax12	14	28.28	93	7370	Non Engraved
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8212
Dr. Nauman

To: Salman Ahmad Sayal (Architect & Partner)
Design Dimensions, Lahore
Project: Bank Al-Habib Ltd., Canal Road Premises-Faisalabad (Basement Retaining Wall)

Our Ref. No. CL/CED/ 7520 Dated: 13-03-19

Your Ref. No. DD/BAHL- CRDFBD/RCC/002 Dated: 06-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-19 Tested on: 08-03-19 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	R C C	27	1	2019	6Diax12	13.6	28.28	33	2620	Engraved
2	R C C	27	1	2019	6Diax12	13.4	28.28	25	1990	Engraved
3	R C C	27	1	2019	6Diax12	13.2	28.28	19	1510	Engraved
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8246

Dr. Umbreen

To: **Engr. Ajaz-ul-Hassan (Project Director)**

Engg. Cell, Govt. College University, Faisalabad

Project: Construction of Covered Car Parking at New Campus Govt. College University, Faisalabad

Our Ref. No. CL/CED/

7521

Dated:

13-03-19

Your Ref. No.

GCUF/EC/65

Dated:

10-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-03-19 Tested on: 13-03-19 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	Uniblock Grey				3.1 Thick	4636	37.25	134	8060	
2	Uniblock Grey				3.1 Thick	4641	37.25	150	9030	
3	Uniblock Grey				3.1 Thick	4670	37.25	154	9270	
4	Uniblock Grey				3.1 Thick	4620	37.25	144	8660	
5	Uniblock Red				3.1 Thick	4714	37.25	144	8660	
6	Uniblock Red				3.1 Thick	4699	37.25	148	8900	
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8209

To: **Imran Aish Khan (Resident Engineer)**
A&P Div., NESPAK Pvt. Ltd. Lahore
Project: Establishment of U.E.T Lahore, Sub Campus at Narowal

Dr. Umbreen

Our Ref. No. CL/CED/ 7522 Dated: 13-03-19

Your Ref. No. 3630/31/RE/05/938 Dated: 28-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-19 Tested on: 13-03-19 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	A-K				8.2x3.9x2.5	2705	31.98	55	3860	
2	A-K				8.3x3.9x2.7	2727	32.37	55	3810	
3	A-K				8.4x4.0x2.7	2763	33.6	59	3940	
4	A-K				8.5x4.0x2.7	2811	34	51	3360	
5	A-K				8.3x.3.9x2.8	2795	32.37	59	4090	
6	A-K				8.3x3.9x2.6	2692	32.37	51	3530	
7	A-K				8.3x3.9x2.8	2777	32.37	53	3670	
8	A-K				8.2x4.0x2.8	2736	32.8	61	4170	
9	A-K				8.4x4.1x2.7	2660	34.44	41	2670	
10	A-K				8.3x4.1x2.7	2722	34.03	59	3890	
11	A-K				8.2x4.0x2.7	2721	32.8	49	3350	
12	A-K				8.4x4.0x2.7	2745	33.6	43	2870	
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8214
Dr. Nauman

To: Muhammad Hadi (Sr. Distt. Engineer Sialkot)
Humqadam Program / M/s Guardian
Project: School Construction and Rehabilitation Program (Humqadam)

Our Ref. No. CL/CED/ 7523 Dated: 13-03-19
Your Ref. No. Nil Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 12-03-19 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		20	12	2018	6Diax12	12.8	28.28	61	4840	Non Engraved
2		20	12	2018	6Diax12	12.8	28.28	14	1110	Non Engraved
3		25	12	2018	6Diax12	13	28.28	43	3410	Non Engraved
4		25	12	2018	6Diax12	13.2	28.28	49	3890	Non Engraved
5		25	12	2018	6Diax12	13	28.28	55	4360	Non Engraved
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8215
Dr. Nauman

To: Muhammad Imran (Resident Engineer)
G3 Engineering Consultants Pvt. Ltd. Lahore
Project: Construction Supervisory Services for PSIC House Davis Road, Lahore

Our Ref. No. CL/CED/ 7524 Dated: 13-03-19
Your Ref. No. G3/0161 Dated: 07-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-03-19 Tested on: 08-03-19 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	1st Floor Columns	28	2	2019	6Diax12	13.8	28.28	59	4680	Engraved
2	1st Floor Columns	28	2	2019	6Diax12	14	28.28	61	4840	Engraved
3	1st Floor Columns	28	2	2019	6Diax12	14	28.28	59	4680	Engraved
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