



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

8520
Dr. Aqsa

To: (Aamir Shehzad Mughal), Site Engineer
BKRY Lahore. 30-KM Ferozpur Road, Lahore.
Project: Construction of BKRY 30-KM Ferozpur Road, Lahore.

Our Ref. No. CL/CED/ 7958 Dated: 26-04-19
Your Ref. No. TBL/19/010 Dated: 20-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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	Slab & Beams	13	4	2019	6Diax12	14.2	28.28	46	3650	Non Engraved
2	Slab & Beams	13	4	2019	6Diax12	14.2	28.28	45	3570	Non Engraved
3	Slab & Beams	13	4	2019	6Diax12	14.2	28.28	49	3890	Non 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 comprerssive 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: Engr. Iftikhar A Mian, Resident Engineer, GCU Project
ACE Pvt. Ltd. Regional Office (North), 36 Civic Center, M-Block, Model Town Extension, Lahore.
Project:Constt. of Academic Block-Package 1,New Campus of GCU KSK, Lahore.(M/S NLC)

8530
Dr. Aqsa

Our Ref. No. CL/CED/7959Dated:26-04-19

Your Ref. No.RE/ACE Arts/GCU KSK/527Dated:26-03-19

COMPRESSION TEST REPORT

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

Specimens received on:25-04-19Tested on:25-04-19in 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	Rectangular, Grey				7.9x3.8x2.3	2828	30.02	117	8740	
2	Rectangular, Grey				7.9x3.8x2.3	2711	30.02	106	7910	
3	Rectangular, Grey				7.9x3.8x2.3	2697	30.02	96	7170	
4	Rectangular, Grey				7.9x3.8x2.3	2713	30.02	120	8960	
5	Rectangular, Grey				7.9x3.8x2.3	2750	30.02	125	9330	
6	Rectangular, Grey				7.9x3.8x2.3	2784	30.02	134	10000	
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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: Nisar Ahmad Khan
Nimir Industrial Chemicals Ltd. 12-B, New Muslim Town, Lahore.
Project:

8531
Dr. Aqsa

Our Ref. No. CL/CED/ 7960 Dated: 26-04-19
Your Ref. No. Nil Dated: 25-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-04-19 Tested on: 25-04-19 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	Rectangular, Grey				7.8x3.8x3.1	3579	29.64	74	5600	
2	Rectangular, Grey				7.8x3.8x3.1	3390	29.64	41	3100	
3	Rectangular, Grey				7.8x3.8x3.1	3534	29.64	56	4240	
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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

8498
Dr. Aqsa

To: (Muhammad Zahid Hussain), Project Engineer (Civil)
DHA Main Office Complex, A Block Commercial Area Ph-VI, Lahore Cantt.
Project: Uplifting of Park Sec EE Phase-IV, DHA Lahore.

Our Ref. No. CL/CED/ 7961 Dated: 26-04-19
Your Ref. No. 520/3/UET/Tuff Tiles/Maint Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-04-19 Tested on: 25-04-19 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	Classico,Black,WA				4.6x3.4x2.3	1382	14.52	46	7100	
2	Classico,Black,WA				4.6x3.4x2.3	1372	14.52	44	6790	
3	Classico,Black,WA				4.6x3.4x2.3	1388	14.52	53	8180	
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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 Zahid Hussain), Project Engineer (Civil)
DHA Main Office Complex, A Block Commercial Area Ph-VI, Lahore Cantt.
Project: Uplifting of Public Park Sec V-198 Phase-II, DHA Lahore.

8499
Dr. Aqsa

Our Ref. No. CL/CED/ 7962 Dated: 26-04-19
Your Ref. No. 520/3/UET/Uplifting of Public Dated: 18-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 22-04-19 Tested on: 25-04-19 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	Classico,Grey,SA				4.6x3.4x2.3	1410	14.52	34	5250	
2	Classico,Grey,SA				4.6x3.4x2.3	1395	14.52	41	6330	
3	Classico,Grey,SA				4.6x3.4x2.3	1402	14.52	45	6950	
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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: Sub Divisional Officer
Public Health Engineering Sub Division Kamalia.
Project:Provision of Tuff Pavers & Drains in Pir Mahal City ADP 2017-18 No.2612(Bashir Ahmed,Contractor)

8511
Dr. Aqsa

Our Ref. No. CL/CED/ 7963 Dated: 26-04-19
Your Ref. No. 50/K Dated: 16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-04-19 Tested on: 25-04-19 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	Rectangular, Grey				7.8x3.9x2.2	2795	30.42	105	7740	
2	Rectangular, Grey				7.8x3.9x2.2	2573	30.42	38	2800	
3	Rectangular, Grey				7.8x3.9x2.2	2626	30.42	70	5160	
4	Rectangular, Grey				7.8x3.9x2.2	2921	30.42	109	8030	
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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: Sub Divisional Officer
Public Health Engineering Sub Division Kamalia.
Project:Provision of Tuff Pavers & Drains in Pir Mahal City ADP 2018-19 No.2609(Aslam Wahab & Co)

8511
Dr. Aqsa

Our Ref. No. CL/CED/ 7964 Dated: 26-04-19
Your Ref. No. 66/K Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-04-19 Tested on: 25-04-19 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	Rectangular, Grey				7.8x3.9x2.2	2656	30.42	90	6630	
2	Rectangular, Grey				7.8x3.9x2.2	2589	30.42	112	8250	
3	Rectangular, Grey				7.8x3.9x2.2	2601	30.42	106	7810	
4	Rectangular, Grey				7.8x3.9x2.2	2629	30.42	109	8030	
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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: Engr. Arslan Akhtar, Director Operations
Progressive International Engineers & Contarctors. 99-B, Block J-1, Johar Town, Lahore.
Project: Strengthening of King Edward Medical University, Lahore.

8517
Dr. Aqsa

Our Ref. No. CL/CED/ 7965 Dated: 26-04-19
Your Ref. No. PI/KEMU/2019/135 Dated: 06-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 25-04-19 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	Rectangular, Grey				7.8x3.9x2.3	2778	30.42	114	8400	
2	Rectangular, Grey				7.8x3.9x2.3	2690	30.42	142	10460	
3	Rectangular, Grey				7.8x3.9x2.3	2679	30.42	78	5750	
4	Rectangular, Grey				7.8x3.9x2.3	2681	30.42	115	8470	
5	Rectangular, Grey				7.8x3.9x2.3	2750	30.42	90	6630	
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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: (Ch. Abdul Ghafoor), Resident Engineer.
PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.
Project: Estab. of W.W.C (Phase-1), Pkg-H, Block 12/53 (3rd Floor Slab), M/s M. Rafique Bhatti.

8522
Engr. Ubaid

Our Ref. No. CL/CED/ 7966 Dated: 26-04-19

Your Ref. No. RE/PEPAC/WWC-K/H113 Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 26-04-19 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	3	2019	6x6x6	8.6	36	83	5170	Non Engraved
2		11	3	2019	6x6x6	8.4	36	37	2310	Non Engraved
3		11	3	2019	6x6x6	8.7	36	114	7100	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

To: (Ch. Abdul Ghafoor), Resident Engineer.
PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.
Project: Estab. of W.W.C (Phase-1), Pkg-H, Block 11/52 (2nd Floor Column), M/s M. Rafique Bhatti.

8522
Engr. Ubaid

Our Ref. No. CL/CED/7967Dated:26-04-19

Your Ref. No.RE/PEPAC/WWC-K/H108Dated:22-03-19

COMPRESSION TEST REPORT

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

Specimens received on:24-04-19Tested on:26-04-19in 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		14	2	2019	6x6x6	8.5	36	79	4920	Non Engraved
2		14	2	2019	6x6x6	8.6	36	92	5730	Non Engraved
3		14	2	2019	6x6x6	8.4	36	59	3680	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory