



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9653

Dr. Aqsa

To: Assistant Resident Engineer

ES Consultants Pvt. Ltd.

Project: Construction of Additional Class Rooms in Selected Schools of Punjab (Package-2) / (G.P. School Deu khara, Kasur, Chunian) EMIS: 35110094

Our Ref. No. CL/CED/

9653

Dated:

09-01-20

Your Ref. No.

ESC/PMIU/P2/002

Dated:

16-11-19

COMPRESSION TEST REPORT

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

Specimens received on:

13-12-19

Tested on:

08-01-20

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	C B B		8.8x4.3x2.9	2798	37.84	37	2190	
2	C B B		8.6x4.2x2.9	2704	36.12	32	1990	
3	C B B		8.6x4.3x2.9	2604	36.98	35	2120	
4	C B B		8.6x4.3x2.9	2650	36.98	38	2310	
5	C B B		8.6x4.3x2.9	2794	36.98	39	2370	
6	C B B		8.7x4.3x2.9	2640	37.41	34	2040	
7	C B B		8.8x4.3x2.9	2671	37.84	35	2080	
8	C B B		8.6x4.3x2.9	2690	36.98	35	2120	
9	C B B		8.6x4.3x2.9	2721	36.98	39	2370	
10	C B B		8.7x4.3x2.9	2674	37.41	37	2220	
11	C B B		8.6x4.2x2.9	2743	36.12	32	1990	
12	C B B		8.6x4.3x2.9	2649	36.98	31	1880	
13								
14								
15								
16								

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



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

9700
Dr. Aqsa

To: Muhammad Naseer (MEC)
Mughals Engineering Complex (MEC), Islamabad
Project: Nil

Our Ref. No. CL/CED/ 9654 Dated: 09-01-20
Your Ref. No. NAD/NES-MEC-1912/19 Dated: 19-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-12-19 Tested on: 08-01-20 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	5		8.7x4.3x3.0	3240	37.41	43	2580	
2	5		8.9x4.4x3.0	3282	39.16	31	1780	
3	5		8.9x4.4x3.0	3229	39.16	42	2410	
4	5		8.8x4.4x2.9	3289	38.72	38	2200	
5	5		8.8x4.4x3.0	3271	38.72	42	2430	
6	5		8.7x4.3x2.9	3209	37.41	36	2160	
7	5		8.7x4.3x2.9	3254	37.41	25	1500	
8	5		8.9x4.4x3.0	3190	39.16	36	2060	
9	5		8.8x4.4x3.0	3250	38.72	33	1910	
10	5		8.7x4.3x3.0	3297	37.41	35	2100	
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9736
Dr. Aqsa

To: S. Shaukat Hussain (Incharge Civil)
Sui Northern Gas Pipelines Ltd. Lahore
Project: Supply, Installation and Commissioning of Air Cooled Chiller (120 Ton) at Head Office Building

Our Ref. No. CL/CED/ 9655 Dated: 09-01-20

Your Ref. No. CC/HO/110 Dated: 30-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 31-12-19 Tested on: 06-01-20 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		29	9	2019	6Diax12	12.8	28.28	44	3490	Engraved
2		29	9	2019	6Diax12	13	28.28	39	3090	Engraved
3		29	9	2019	6Diax12	13	28.28	42	3330	Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

9769
Dr. Aqsa

To: Ilyas Khan (QC Engineer)
Ravi Green Engineering (Pvt.) Ltd.
Project: P-639

Our Ref. No. CL/CED/ 9656 Dated: 09-01-20
Your Ref. No. RG/CT/UET/2656 Dated: 07-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-20 Tested on: 08-01-20 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	Beam of Pump House	15	12	2019	6Diax12	14.8	28.28	64	5070	Non Engraved
2	Beam of Pump House	15	12	2019	6Diax12	14.2	28.28	53	4200	Non Engraved
3	Beam of Pump House	15	12	2019	6Diax12	14.4	28.28	67	5310	Non Engraved
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16										

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supervisor(lab)

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

9769
Dr. Aqsa

To: Ilyas Khan (QC Engineer)
Ravi Green Engineering (Pvt.) Ltd.
Project: P-639

Our Ref. No. CL/CED/ 9657 Dated: 09-01-20

Your Ref. No. RG/CT/UET/2657 Dated: 07-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-20 Tested on: 08-01-20 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
		Month	Day	Year						
1	Foundation of Driver Room	29	12	2019	6Diax12	14.4	28.28	31	2460	Non Engraved
2	Foundation of Driver Room	29	12	2019	6Diax12	14.4	28.28	34	2700	Non Engraved
3	Foundation of Driver Room	29	12	2019	6Diax12	14.2	28.28	28	2220	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

9745

Dr. Aqsa

To: Ch. Abdul Ghafoor (Resident Engineer)

PEPAC (Pvt.) Ltd. Lahore

Project: Establishment of Worker Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate District Kasur (Package-R) (Community Center)

Our Ref. No. CL/CED/

9658

Dated:

09-01-20

Your Ref. No.

RE/PEPAC/WWC-K/40-41

Dated:

30-12-19

COMPRESSION TEST REPORT

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

Specimens received on:

01-01-20

Tested on:

07-01-20

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	Footings G(A-T)/1-17	9	12	2019	6x6x6	8.8	36	96	5980	Non Engraved
2	Footings G(A-T)/1-17	9	12	2019	6x6x6	9	36	92	5730	Non Engraved
3	Footings G(A-T)/1-17	9	12	2019	6x6x6	9	36	98	6100	Non Engraved
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9762

Dr. Aqsa

To: Engr. Tajammal Farooq (Resident Engineer AZEA)

AZ Engineering Associates, Lahore

Project: Construction of Road From Manga Raiwind Road to Mission Colony and Babliana Drain
Length = 9.77 KM Revised = 8.24 KM (RAP) in District Lahore

Our Ref. No. CL/CED/

9659

Dated:

09-01-20

Your Ref. No.

RE/LHR-147

Dated:

06-12-19

COMPRESSION TEST REPORT

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

Specimens received on:

06-01-20

Tested on:

07-01-20

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
		Month	Day	Year						
1	51+40 - 53+65	20	10	2019	6x6x6	8.8	36	99	6160	Non Engraved
2	51+40 - 53+65	20	10	2019	6x6x6	9	36	88	5480	Non Engraved
3	53+65 - 55+15	21	10	2019	6x6x6	8.2	36	105	6540	Non Engraved
4	53+65 - 55+15	21	10	2019	6x6x6	8.4	36	109	6790	Non Engraved
5	05+35 - 07+60	24	10	2019	6x6x6	8.6	36	80	4980	Non Engraved
6	05+35 - 07+60	24	10	2019	6x6x6	8.8	36	76	4730	Non Engraved
7	02+40 - 05+35	26	10	2019	6x6x6	8.2	36	90	5600	Non Engraved
8	02+40 - 05+35	26	10	2019	6x6x6	8.6	36	85	5290	Non Engraved
9	00+00 - 02+40	27	10	2019	6x6x6	8.4	36	98	6100	Non Engraved
10	00+00 - 02+40	27	10	2019	6x6x6	8.8	36	81	5040	Non Engraved
11	109+54 - 112+00	4	11	2019	6x6x6	8.6	36	72	4480	Non Engraved
12	109+54 - 112+00	4	11	2019	6x6x6	8.6	36	94	5850	Non Engraved
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

9770
Dr. Aqsa

To: Rashid Pervaiz (Project Engineer)
Ghosia Builders (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 9660 Dated: 09-01-20
Your Ref. No. Nil Dated: 07-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-20 Tested on: 08-01-20 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	M-15	9	12	2019	6Diax12	13.6	28.28	15	1190	Engraved
2	M-15	9	12	2019	6Diax12	13.6	28.28	16	1270	Engraved
3	M-15	31	12	2019	6Diax12	13.8	28.28	23	1830	Engraved
4	M-15	31	12	2019	6Diax12	13.8	28.28	24	1910	Engraved
5										
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Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

9775
Dr. Umbreen

To: Qasim Ali (Project Manager-Civil)
Volka Food International Multan
Project: Volka Food International

Our Ref. No. CL/CED/ 9661 Dated: 09-01-20
Your Ref. No. VFI/Civil/49 Dated: 04-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-01-20 Tested on: 08-01-20 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	C 30	7	12	2019	6x6x6	8.8	36	90	5600	Non Engraved
2	C 30	7	12	2019	6x6x6	9	36	110	6850	Non Engraved
3	C 30	7	12	2019	6x6x6	8.8	36	73	4550	Non Engraved
4										
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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

9775
Dr. Umbreen

To: Qasim Ali (Project Manager-Civil)
Volka Food International Multan
Project: Volka Food International

Our Ref. No. CL/CED/ 9662 Dated: 09-01-20
Your Ref. No. VFI/Civil/48 Dated: 25-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 08-01-20 Tested on: 08-01-20 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	C 25	27	11	2019	6x6x6	8.6	36	80	4980	Non Engraved
2	C 25	27	11	2019	6x6x6	8.6	36	73	4550	Non Engraved
3	C 25	27	11	2019	6x6x6	9	36	73	4550	Non Engraved
4										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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9777

Engr. Abdul Rehman

To: Project Engineer
N.A. Associates, Lahore
Project: Nil

Our Ref. No. CL/CED/ 9663 Dated: 09-01-20

Your Ref. No. Nil Dated: 08-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-01-20 Tested on: 09-01-20 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	(1 : 1.5 : 3)	27	12	2019	6x6x6	8.2	36	41	2560	Non Engraved
2	(1 : 1.5 : 3)	27	12	2019	6x6x6	8.2	36	41	2560	Non Engraved
3	(1 : 1.5 : 3)	28	12	2019	6x6x6	8	36	44	2740	Non Engraved
4	(1 : 1.5 : 3)	28	12	2019	6x6x6	8	36	40	2490	Non Engraved
5										
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9752

Engr. A. Rehman

To: Zaron Construction Services.
Office # 251, Hill View Avenue Adyala Road, Rawalpindi.
Project: Nil

Our Ref. No. CL/CED/ 9664 Dated: 09-01-20

Your Ref. No. Nil Dated: 02-01-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-01-20 Tested on: 09-01-20 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
		Month	Day	Year						
1		3	12	2019	6x6x6	8.8	36	73	4550	Non Engraved
2		3	12	2019	6x6x6	8.4	36	36	2240	Non Engraved
3										
4										
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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