



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8922

Dr. Umbreen

To: Ibrahim Khan (Assistant Manager)

Amanullah Khan & Co. (Pvt.) Ltd. Islamabad

Project:(Tender No:PSCA/03/20-08/18)(Lot#2)PPIC3 Centre Lahore Extension of Optical Fiber Cable (OFC) Laying for Kasur & Other Areas Within the Limits of LDA, Up to 100KM OSP Works Within Kasur City

Our Ref. No. CL/CED/

8554

Dated:

17-07-19

Your Ref. No.

PPIC3K-CCS-09

Dated:

15-07-19

COMPRESSION TEST REPORT

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

Specimens received

on:

15-07-19

Tested on:

17-07-19

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	(1 : 2 : 4)	5	5	2019	6Diax12	13	28.28	90	7130	Non Engraved
2	(1 : 2 : 4)	5	5	2019	6Diax12	12.4	28.28	100	7930	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
4										
5										
6										
7										
8										
9										
10										
11										
12										
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

8929

To: **Muhammad Waseem (Project Manager)**

Dr. Umbreen

Dynamo Constructions & Consultancy (SMC-Pvt.) Ltd. Lahore

Project: Mobile Center, Plot no 76-A, 76-C, Block E1, Main Boulevard Gulberg, Lahore

Our Ref. No. CL/CED/ 8555 Dated: 17-07-19

Your Ref. No. 76-E-GLP Dated: 15-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-19 Tested on: 17-07-19 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	5 0 0 0 Psi	8	7	2019	6Diax12	13	28.28	29	2300	Non Engraved
2	5 0 0 0 Psi	8	7	2019	6Diax12	13	28.28	39	3090	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

8924

Dr. Umbreen

To: **Mubasher Bajwa (Resident Engineer)**

Pachem Global (Pvt.) Ltd.

Project: Construction of Pachem Processing Plant, Sahianwala Industrial Estate

Our Ref. No. CL/CED/

8556

Dated:

17-07-19

Your Ref. No.

786/SEC/150702/2019

Dated:

15-07-19

COMPRESSION TEST REPORT

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

Specimens received on:

15-07-19

Tested on:

17-07-19

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	Raft (M. Dsg. 425)	8	7	2019	6Diax12	13	28.28	43	3410	Engraved
2	Raft (M. Dsg. 425)	8	7	2019	6Diax12	13	28.28	29	2300	Engraved
3	Raft (M. Dsg. 425)	8	7	2019	6Diax12	12.8	28.28	39	3090	Engraved
End	---	---	---	---	---	---	---	---	---	---
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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" diax 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

8924
Dr. Umbreen

To: Mubasher Bajwa (Resident Engineer)
Pachem Global (Pvt.) Ltd.
Project: Construction of Pachem Processing Plant, Sahianwala Industrial Estate

Our Ref. No. CL/CED/ 8557 Dated: 17-07-19

Your Ref. No. 786/SEC/150701/2019 Dated: 15-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-07-19 Tested on: 17-07-19 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	Raft (M. Dsg. 415)	8	7	2019	6Diax12	12.6	28.28	43	3410	Engraved
2	Raft (M. Dsg. 415)	8	7	2019	6Diax12	12.6	28.28	43	3410	Engraved
3	Raft (M. Dsg. 415)	8	7	2019	6Diax12	12.8	28.28	33	2620	Engraved
End	---	---	---	---	---	---	---	---	---	---
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

8860

To: Engr. Mohammad Sohaib (Site Incharge)
Al-Hadi Textile (Pvt.) Ltd. Karachi
Project: Underground Water Tank Walls

Engr. Ubaid Ahmed

Our Ref. No. CL/CED/ 8558-1 of 2 Dated: 17-07-19

Your Ref. No. Nil Dated: 03-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-19 Tested on: 17-07-19 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	(1 : 1.5 : 3)	2	6	2019	6Diax12	13	28.28	45	3570	Non Engraved
2	(1 : 1.5 : 3)	2	6	2019	6Diax12	13	28.28	46	3650	Non Engraved
3	(1 : 1.5 : 3)	2	6	2019	6Diax12	12.2	28.28	45	3570	Non Engraved
4	(1 : 1.5 : 3)	2	6	2019	6Diax12	12	28.28	45	3570	Non Engraved
5	(1 : 1.5 : 3)	2	6	2019	6Diax12	12.4	28.28	43	3410	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

8860
Dr. Aqsa

To: Engr. Mohammad Sohaib (Site Incharge)
Al-Hadi Textile (Pvt.) Ltd. Karachi
Project: Nil

Our Ref. No. CL/CED/ 8558-2 of 2 Dated: 17-07-19
Your Ref. No. Nil Dated: 03-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-07-19 Tested on: 11-07-19 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				7.8x3.8x2.4	2702	29.64	93	7030	
2	Rectangular Grey				7.8x3.8x2.4	2530	29.64	55	4160	
3	Rectangular Grey				7.8x3.8x2.4	2723	29.64	69	5220	
End	---	---	---	---	---	---	---	---	---	---
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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" 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

8872

Dr. Umbreen

To: **Municipal Officer (Infrastructure)**

Municipal Committee Toba Tek Singh

Project: Providing & Laying Water Supply Pipe Line, RCC Sewer, Tuff Pavers, PCC, Soling and Resoling Mohallah Gow Shala, Awami Basti & Shuja Colony Ward No.27 Toba Tek Singh

Our Ref. No. CL/CED/

8559

Dated:

17-07-19

Your Ref. No.

64/M01/MC/TTS

Dated:

12-06-19

COMPRESSION TEST REPORT

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

Specimens received on:

05-07-19

Tested on:

17-07-19

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	Rectangular Grey				7.8x3.8x2.2	2586	29.64	73	5520	
2	Rectangular Grey				7.8x3.8x2.2	2649	29.64	83	6280	
3	Rectangular Red				7.8x3.9x2.2	2724	30.42	65	4790	
4	Rectangular Red				7.8x3.9x2.2	2670	30.42	63	4640	
End	---	---	---	---	---	---	---	---	---	---
6										
7										
8										
9										
10										
11										
12										
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

8813

To: Muhammad Adnan (Planning and Coordination Engineer)
Pachem Global (Pvt.) Ltd. Lahore
Project: Nil

Dr. Umbreen

Our Ref. No. CL/CED/ 8560 Dated: 17-07-19

Your Ref. No. Nil Dated: 25-06-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-06-19 Tested on: 17-07-19 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	B N R		8.8x4.4x2.9	2920	38.72	41	2380	
2	B N R		8.7x4.4x3.0	3050	38.28	43	2520	
3	B N R		8.8x4.3x2.9	2990	37.84	43	2550	
4	B N R		8.8x4.4x2.9	2860	38.72	29	1680	
5	B N R		8.8x4.4x3.0	2964	38.72	37	2150	
End	---	---	---	---	---	---	---	---
7								
8								
9								
10								
11								
12								
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

8916

Dr. Umbreen

To: Hassan Ali (Director Projects)
Filigree Enterprises, Lahore
Project: Wadana Kasur, Boundary Wall

Our Ref. No. CL/CED/ 8561 Dated: 17-07-19

Your Ref. No. Nil Dated: 12-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 12-07-19 Tested on: 17-07-19 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. Line 15	2	7	2019	6x6x6	7.8	36	75	4670	Non Engraved
2	Col. Line 15	2	7	2019	6x6x6	7.8	36	67	4170	Non Engraved
3	Col. Line 01	11	6	2019	6x6x6	7.8	36	73	4550	Non Engraved
4	Col. Line 01	11	6	2019	6x6x6	7.8	36	83	5170	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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