



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

8620

Dr. Umbreen

To: Imran Akhtar, Project Manager
CM Engineering (Pvt) Ltd.
Project: CMPAK, Site ID-42622

Our Ref. No. CL/CED/ 8077 Dated: 16-05-19

Your Ref. No. CME/Cubes/CMPAK/503 Dated: 09-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 14-05-19 Tested on: 14-05-19 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	Column	2	5	2019	6x6x6	8.2	36	104	6480	Non Engraved
2	Column	2	5	2019	6x6x6	8.2	36	106	6600	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"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

8572
Dr. Aqsa

To: Muhammad Yaseen
Equator Engineering Services Chak Shehzad.
Project: CMPAK, Site ID-51826, Tower, DG and ODU Foundation

Our Ref. No. CL/CED/ 8078 Dated: 16-05-19

Your Ref. No. Equator/Cubes/CMPAK/019 Dated: 29-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-05-19 Tested on: 09-05-19 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	4	2019	6x6x6	8.2	36	117	7280	Non Engraved
2		1	4	2019	6x6x6	8.6	36	106	6600	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

8572
Dr. Aqsa

To: Muhammad Yaseen
Equator Engineering Services Chak Shehzad.
Project: CMPAK, Site ID-51989, Tower, DG and ODU Foundation

Our Ref. No. CL/CED/ 8079 Dated: 16-05-19

Your Ref. No. Equator/Cubes/CMPAK/019 Dated: 01-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-05-19 Tested on: 09-05-19 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		3	4	2019	6x6x6	8.2	36	107	6660	Non Engraved
2		3	4	2019	6x6x6	8.4	36	128	7970	Non Engraved
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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

8577

Dr. Umbreen

To: **Mr. Abdul Ghafoor, Karol War, Post Office Baghbanpura, Lahore.**

Swift Construction Company.

Project: Alfalah Bank Building, 107Y-Y, Commercial Area Phase-III, DHA, Lahore.

Our Ref. No. CL/CED/ 8080 Dated: 16-05-19

Your Ref. No. Nil Dated: 03-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-05-19 Tested on: 07-05-19 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		24	4	2019	6Diax12	14	28.28	35	2780	Engraved
2		24	4	2019	6Diax12	14.2	28.28	37	2940	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

8577

To: Mr. Abdul Ghafoor, Karol War, Post Office Baghbanpura, Lahore.

Dr. Umbreen

Swift Construction Company.

Project: Alfalah Bank Building, 107Y-Y, Commercial Area Phase-III, DHA, Lahore.

Our Ref. No. CL/CED/ 8081 Dated: 16-05-19

Your Ref. No. Nil Dated: 03-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-05-19 Tested on: 07-05-19 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		31	3	2019	6Diax12	13.8	28.28	47	3730	Non Engraved
2		31	3	2019	6Diax12	14	28.28	43	3410	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

8551

Engr. Ubaid

To: (Engr. Wasif Iqbal), Project Manager-Civil

Kohinoor Textile Mills Limited. 42 Lawrence Road, Lahore.

Project: Construction of Admin Block, Al-Aleem Medical College, Gulab Devi Chest Hospital Lahore.

Our Ref. No. CL/CED/

8082

Dated:

16-05-19

Your Ref. No.

Nil

Dated:

29-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

29-04-19

Tested on:

15-05-19

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	M			3580	9.0x4.4x3.0	3255	39.6	57	3230	9.98
2	M			3586	8.8x4.3x2.7	3031	37.84	37	2200	18.31
3	M			3771	8.8x4.2x2.9	3306	36.96	39	2370	14.06
4	M				8.8x4.1x2.8	3302	36.08	49	3050	
5	M				8.9x4.2x2.9	3260	37.38	47	2820	
6	M				8.8x4.1x2.9	3288	36.08	39	2430	
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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

8551

To: (Engr. Wasif Iqbal), Project Manager-Civil

Engr. Ubaid

Kohinoor Textile Mills Limited. 42 Lawrence Road, Lahore.

Project: Constt. of Admin Block, Al-Aleem Medical College, Gulab Devi Chest Hosp. Lhr.D'/16 to J'/17

Our Ref. No. CL/CED/

8083

Dated:

16-05-19

Your Ref. No.

AAMC/LHR/04

Dated:

29-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

29-04-19

Tested on:

08-05-19

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	Isolated Footing	14	4	2019	6Diax12	14.2	28.28	43	3410	Non Engraved
2	Isolated Footing	14	4	2019	6Diax12	14	28.28	47	3730	Non Engraved
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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

8551

To: (Engr. Wasif Iqbal), Project Manager-Civil

Engr. Ubaid

Kohinoor Textile Mills Limited. 42 Lawrence Road, Lahore.

Project: Constt. of Adm. Block, Al-Aleem Medical College, G.D. Chest Hosp. Lhr. 16/17 at D' to M2

Our Ref. No. CL/CED/

8084

Dated:

16-05-19

Your Ref. No.

AAMC/LHR/05

Dated:

29-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

29-04-19

Tested on:

08-05-19

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	Isolated Footing	15	4	2019	6Diax12	14	28.28	49	3890	Non Engraved
2	Isolated Footing	15	4	2019	6Diax12	14	28.28	41	3250	Non Engraved
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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8551

Engr. Ubaid

To: (Engr. Wasif Iqbal), Project Manager-Civil

Kohinoor Textile Mills Limited. 42 Lawrence Road, Lahore.

Project: Constt. of Adm. Block, Al-Aleem Medical College, G.D. Chest Hosp. Lhr. 19/D' to J.

Our Ref. No. CL/CED/

8085

Dated:

16-05-19

Your Ref. No.

AAMC/LHR/06

Dated:

29-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

29-04-19

Tested on:

08-05-19

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	Column Capping	20	4	2019	6Diax12	14	28.28	65	5150	Non Engraved
2	Column Capping	20	4	2019	6Diax12	13	28.28	63	5000	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8551

Engr. Ubaid

To: (Engr. Wasif Iqbal), Project Manager-Civil

Kohinoor Textile Mills Limited. 42 Lawrence Road, Lahore.

Project: Constt. of Adm. Block, Al-Aleem Medical College, G.D. Chest Hosp. Lhr. D'-E/16

Our Ref. No. CL/CED/

8086

Dated:

16-05-19

Your Ref. No.

AAMC/LHR/07

Dated:

29-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

29-04-19

Tested on:

08-05-19

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	Column Capping	22	4	2019	6Diax12	13.2	28.28	59	4680	Non Engraved
2	Column Capping	22	4	2019	6Diax12	13	28.28	65	5150	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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Department of Civil Engineering

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8551

Engr. Ubaid

To: (Engr. Wasif Iqbal), Project Manager-Civil

Kohinoor Textile Mills Limited. 42 Lawrence Road, Lahore.

Project: Constt. of Adm. Block, Al-Aleem Medical College, G.D. Chest Hosp. Lhr. Trial Mix.

Our Ref. No. CL/CED/

8087

Dated:

16-05-19

Your Ref. No.

AAMC/LHR/03

Dated:

29-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

29-04-19

Tested on:

08-05-19

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	For Columns	13	4	2019	6Diax12	13.8	28.28	47	3730	Non Engraved
2	For Columns	13	4	2019	6Diax12	14	28.28	49	3890	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8593

Dr. Aqsa

To: (Umar Abdul Rehman), Assistant Director
Anticorruption Establishment Dera Ghazi Khan.

Project: Dualization of Road from Muzaffargarh to DG Khan, Length 20.60 KM Distt. D.G. Khan.

Our Ref. No. CL/CED/ 8088 Dated: 16-05-19

Your Ref. No. 39-DDT Dated: 20-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-05-19 Tested on: 09-05-19 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	Kerb Stone		5.6x5.6x5.7	7.6	31.36	65	4650	Cut Cube
2	Kerb Stone		5.1x5.9x5.9	7.4	30.09	108	8040	Cut Cube
3	Kerb Stone		5.6x5.5x5.8	7.6	30.8	92	6700	Cut Cube
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**** 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

8527

Engr. Ubaid

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-Q, M/s Progressive International.

Our Ref. No. CL/CED/ 8089 Dated: 16-05-19

Your Ref. No. RE/WWC-KSR/2019/66 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 15-05-19 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	S2			3704	8.7x4.2x2.9	3540	36.54	79	4850	4.63
2	S2			3550	8.8x4.3x2.8	3286	37.84	59	3500	8.03
3	S2			3438	8.9x4.3x2.9	3283	38.27	45	2640	4.72
4	S2			3670	8.5x4.3x2.8	3291	36.55	55	3380	11.51
5	S2			3464	8.7x4.3x2.8	3240	37.41	65	3900	6.91
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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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8629

Dr. Aqsa

To: **Construction Engineer**
Country Developers Pvt. Ltd.
Project: 227-230 New Muslim Town, Lahore.

Our Ref. No. CL/CED/ 8090 Dated: 16-05-19

Your Ref. No. CD-19/N.M.Town/001 Dated: 15-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-05-19 Tested on: 16-05-19 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	3000 Psi	7	5	2019	6Diax12	14	28.28	27	2140	Engraved
2	3000 Psi	7	5	2019	6Diax12	14	28.28	40	3170	Engraved
3	4000 Psi	8	5	2019	6Diax12	14.2	28.28	52	4120	Engraved
4	4000 Psi	8	5	2019	6Diax12	14	28.28	61	4840	Engraved
End	---	---	---	---	---	---	---	---	---	---
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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" 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

8542

Dr. Umbreen

To: Mr. Abid Sultan, The Admin Manager
Variant 25-t Gulberg 2, Lahore.
Project: E to H, Line 1 to 3

Our Ref. No. CL/CED/ 8091 Dated: 16-05-19

Your Ref. No. VA/23/118 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-04-19 Tested on: 14-05-19 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	Columns, E2	16	3	2019	6Diax12	14	28.28	114	9030	Non Engraved
2	Columns, E2	16	3	2019	6Diax12	14	28.28	96	7610	Non Engraved
3	Columns, E2	16	3	2019	6Diax12	13.2	28.28	104	8240	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" 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

8542

Dr. Umbreen

To: Mr. Abid Sultan, The Admin Manager
Variant 25-t Gulberg 2, Lahore.
Project: C to F, Line 1 to 5

Our Ref. No. CL/CED/ 8092 Dated: 16-05-19

Your Ref. No. VA/23/119 Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-04-19 Tested on: 14-05-19 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	Columns	18	3	2019	6Diax12	13.2	28.28	114	9030	Non Engraved
2	Columns	18	3	2019	6Diax12	13.2	28.28	114	9030	Non Engraved
3	Columns	18	3	2019	6Diax12	13.2	28.28	94	7450	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" 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

8542

Dr. Umbreen

To: Mr. Abid Sultan, The Admin Manager
Variant 25-t Gulberg 2, Lahore.
Project: F to H, Line 5 to 6

Our Ref. No. CL/CED/ 8093 Dated: 16-05-19

Your Ref. No. VA/23/120 Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-04-19 Tested on: 14-05-19 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	Columns	19	3	2019	6Diax12	13.2	28.28	94	7450	Non Engraved
2	Columns	19	3	2019	6Diax12	13	28.28	110	8720	Non Engraved
3	Columns	19	3	2019	6Diax12	14	28.28	110	8720	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8542

Dr. Umbreen

To: Mr. Abid Sultan, The Admin Manager
Variant 25-t Gulberg 2, Lahore.
Project: F, Line 3 to 5

Our Ref. No. CL/CED/ 8094 Dated: 16-05-19

Your Ref. No. VA/23/121 Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-04-19 Tested on: 14-05-19 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	Lift Walls	20	3	2019	6Diax12	13	28.28	104	8240	Non Engraved
2	Lift Walls	20	3	2019	6Diax12	13	28.28	106	8400	Non Engraved
3	Lift Walls	20	3	2019	6Diax12	13.6	28.28	100	7930	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" 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

8542

Dr. Umbreen

To: Mr. Abid Sultan, The Admin Manager
Variant 25-t Gulberg 2, Lahore.
Project: F to H, Line 6 to 7

Our Ref. No. CL/CED/ 8095 Dated: 16-05-19

Your Ref. No. VA/23/122 Dated: 22-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-04-19 Tested on: 14-05-19 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	Column	21	3	2019	6Diax12	13	28.28	98	7770	Non Engraved
2	Column	21	3	2019	6Diax12	13.4	28.28	100	7930	Non Engraved
3	Column	21	3	2019	6Diax12	13.4	28.28	69	5470	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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8546

To: **Sub Divisional Officer, Development Sub Division No.III**
Mianwali Canal Rest House Sialkot.

Engr. A. Rehman

Project: Chenelization of Deg Nullah Package-II. Bridge at RD. 15+950, Geo Waii.

Our Ref. No. CL/CED/ 8096 Dated: 16-05-19

Your Ref. No. DEV/139 Dated: 10-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-04-19 Tested on: 29-04-19 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
		Month	Day	Year						
1	Pile No.3 Abutm.	7	2	2019	6Diax12	13.6	28.28	70	5550	Non Engraved
2	Pile No.3 Abutm.	7	2	2019	6Diax12	13.8	28.28	80	6340	Non Engraved
3	Pile No.3 Pier	9	2	2019	6Diax12	13.6	28.28	81	6420	Non Engraved
4	Pile No.3 Pier	9	2	2019	6Diax12	14	28.28	74	5870	Non Engraved
5	Pile No.4 Pier	13	2	2019	6Diax12	14	28.28	91	7210	Non Engraved
6	Pile No.4 Pier	13	2	2019	6Diax12	13.6	28.28	81	6420	Non Engraved
7	Pile 4 Abutm. L/S	17	2	2019	6Diax12	14.2	28.28	100	7930	Non Engraved
8	Pile 4 Abutm. L/S	17	2	2019	6Diax12	14	28.28	61	4840	Non Engraved
9	Pile 5 Abutm. L/S	24	2	2019	6Diax12	13.6	28.28	71	5630	Non Engraved
10	Pile 5 Abutm. L/S	24	2	2019	6Diax12	13.6	28.28	64	5070	Non Engraved
11	Pile 6 Abutm. L/S	26	2	2019	6Diax12	13.6	28.28	63	5000	Non Engraved
12	Pile 6 Abutm. L/S	26	2	2019	6Diax12	13.6	28.28	53	4200	Non Engraved
13	Pile No.5 Pier	5	3	2019	6Diax12	13.4	28.28	80	6340	Non Engraved
14	Pile No.5 Pier	5	3	2019	6Diax12	13.8	28.28	84	6660	Non Engraved
15	Pile No.6 Pier	7	3	2019	6Diax12	13.6	28.28	66	5230	Non Engraved
16	Pile No.6 Pier	7	3	2019	6Diax12	14	28.28	75	5950	Non Engraved

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" 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

8592

Dr. Aqsa

To: Mr. Muhammad Moutsim

Project Manager (BMCL)

Project: Construction of Tariq Float Glass Package-II. RCC Slab Under Ground Tank A~D/9~11

Our Ref. No. CL/CED/

8097

Dated:

16-05-19

Your Ref. No.

Nil

Dated:

06-05-19

COMPRESSION TEST REPORT

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

Specimens received on:

07-05-19

Tested on:

09-05-19

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	4000 Psi	7	4	2019	6x6x6	8.4	36	102	6350	Non Engraved
2	4000 Psi	7	4	2019	6x6x6	8.4	36	70	4360	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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8592

Dr. Aqsa

To: Mr. Muhammad Moutsim

Project Manager (BMCL)

Project: Construction of Tariq Float Glass Package-II. RCC Column Power House Grid C/1~5

Our Ref. No. CL/CED/

8098

Dated:

16-05-19

Your Ref. No.

Nil

Dated:

06-05-19

COMPRESSION TEST REPORT

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

Specimens received on:

07-05-19

Tested on:

09-05-19

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	4375 Psi	29	4	2019	6x6x6	8.4	36	97	6040	Non Engraved
2	4375 Psi	29	4	2019	6x6x6	8.4	36	94	5850	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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8592

Dr. Aqsa

To: Mr. Muhammad Moutsim

Project Manager (BMCL)

Project: Construction of Tariq Float Glass Package-II. RCC Trench Nitrogen Station

Our Ref. No. CL/CED/

8099

Dated:

16-05-19

Your Ref. No.

Nil

Dated:

06-05-19

COMPRESSION TEST REPORT

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

Specimens received on:

07-05-19

Tested on:

09-05-19

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	3750 Psi	8	4	2019	6x6x6	8.2	36	114	7100	Non Engraved
2	3750 Psi	8	4	2019	6x6x6	8.2	36	110	6850	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

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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

8592

Dr. Aqsa

To: Mr. Muhammad Moutsim
Project Manager (BMCL)

Project: Construction of Tariq Float Glass Package-II. RCC Flooring Coldend Packing Section.

Our Ref. No. CL/CED/ 8100 Dated: 16-05-19

Your Ref. No. Nil Dated: 06-05-19

COMPRESSION TEST REPORT

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

Specimens received on: 07-05-19 Tested on: 09-05-19 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	3000 Psi	8	4	2019	6x6x6	8.2	36	88	5480	Non Engraved
2	3000 Psi	8	4	2019	6x6x6	8.2	36	77	4800	Non Engraved
END	---	---	---	---	---	---	---	---	---	---
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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