



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

8337
Dr. Umbreen

To: Mehmood-ul-Hassan, G.M
DMIX Concrete Lahore.
Project: Lahore School of Economics.

Our Ref. No. CL/CED/ 7753 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 03-04-19 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	9	3	2019	6Diax12	14	28.28	98	7770	Non Engraved
2	Slab	9	3	2019	6Diax12	14	28.28	98	7770	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

8338

Dr. Aqsa

To: **Engr. Hammad Hassan Sindhu, RE**
EA Consulting (Pvt) Ltd.

Project: Const. of St. Through Provi. of PCC & Gully Grat. at Eshwar Nagar Ward No.01 (PP-156)

Our Ref. No. CL/CED/ 7754 Dated: 08-04-19

Your Ref. No. RE/EA/TEPA-LDA/LHR/1332 Dated: 12-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 28-03-19 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	T-22	17	1	2019	6Diax12	12.8	28.28	50	3970	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

8338
Dr. Aqsa

To: **Engr. Hammad Hassan Sindhu, RE**
EA Consulting (Pvt) Ltd.

Project: Provision of Tuff Tiles at Hussain Abad along Acad. Road Lhr. Cantt. (PP-156) NA-125

Our Ref. No. CL/CED/ 7755 Dated: 08-04-19

Your Ref. No. RE/EA/TEPA-LDA/LHR/1324 Dated: 12-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 28-03-19 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	T-22	17	1	2019	6Diax12	12.5	28.28	60	4760	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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7756 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		17	2	2019	6x6x6	8.2	36	51	3180	Non Engraved
2		17	2	2019	6x6x6	8.2	36	60	3740	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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7757 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		27	2	2019	6x6x6	8.4	36	60	3740	Non Engraved
2		27	2	2019	6x6x6	8	36	74	4610	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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7758 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		22	2	2019	6x6x6	8.4	36	44	2740	Non Engraved
2		22	2	2019	6x6x6	8.2	36	50	3120	Non Engraved
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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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7759 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		3	3	2019	6x6x6	8.2	36	55	3430	Non Engraved
2		3	3	2019	6x6x6	8.2	36	68	4240	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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7760 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		4	2	2019	6x6x6	8.6	36	66	4110	Non Engraved
2		4	2	2019	6x6x6	8.4	36	57	3550	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

8345
Dr. Qasim
Khan

To: Bilal Ahmed, Project Manager
National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.
Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7761 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		28	1	2019	6x6x6	8	36	37	2310	Non Engraved
2		28	1	2019	6x6x6	8.2	36	58	3610	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7762 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		9	2	2019	6x6x6	8.2	36	45	2800	Non Engraved
2		9	2	2019	6x6x6	8.2	36	56	3490	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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7763 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		16	2	2019	6x6x6	8.2	36	26	1620	Engraved
2		16	2	2019	6x6x6	8.2	36	54	3360	Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7764 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		15	2	2019	6x6x6	9.2	36	58	3610	Non Engraved
2		15	2	2019	6x6x6	8.6	36	63	3920	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8345

To: **Bilal Ahmed, Project Manager**

Dr. Qasim Khan

National Technical Services, Suite#1102, 11th Floor, Chapal Plaza, Hasrat Mohani Road, Karachi.

Project: Raised of Boundary Wall at Machike Shell Terminal. (Foundation, s Footing and Column)

Our Ref. No. CL/CED/ 7765 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 29-03-19 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		12	2	2019	6x6x6	8.2	36	68	4240	Non Engraved
2		12	2	2019	6x6x6	8.4	36	62	3860	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

8346

Dr. Umbreen

To: Mr. Usman Ali, Project Manager
Mukhtar Sons Construction Pvt. Ltd.
Project: Naveena Apartments, 35-C, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 7766 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 03-04-19 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	G.F. Slab Pour-2nd	14	3	2019	6Diax12	14.2	28.28	67	5310	Non Engraved
2	G.F. Slab Pour-2nd	14	3	2019	6Diax12	14	28.28	63	5000	Non Engraved
3	G.F. Slab Pour-2nd	14	3	2019	6Diax12	14	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

8346

Dr. Umbreen

To: Mr. Usman Ali, Project Manager
Mukhtar Sons Construction Pvt. Ltd.
Project: Naveena Apartments, 35-C, Gulberg III, Lahore.

Our Ref. No. CL/CED/ 7767 Dated: 08-04-19

Your Ref. No. Nil Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 03-04-19 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	G.F. Slab Pour-1st	23	2	2019	6Diax12	14.6	28.28	73	5790	Non Engraved
2	G.F. Slab Pour-1st	23	2	2019	6Diax12	14.4	28.28	73	5790	Non Engraved
3	G.F. Slab Pour-1st	23	2	2019	6Diax12	14.4	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"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

8347

Dr. Umbreen

To: Mr. Irfan Ali, Construction Manager
MEDEQUIPS Pvt. Ltd. 33-C. F.C.C Commercial Plot Gulberg II, Lahore.
Project:

Our Ref. No. CL/CED/ 7768 Dated: 08-04-19

Your Ref. No. Nil Dated: 29-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-19 Tested on: 03-04-19 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	Cols. 2nd Floor	18	2	2019	6Diax12	14	28.28	49	3890	Engraved
2	Cols. 2nd Floor	18	2	2019	6Diax12	13.6	28.28	43	3410	Engraved
3	Cols. 2nd Floor	18	2	2019	6Diax12	13.8	28.28	57	4520	Engraved
4	Slab 2nd Floor	21	3	2019	6Diax12	13	28.28	33	2620	Engraved
5	Slab 2nd Floor	21	3	2019	6Diax12	13.2	28.28	35	2780	Engraved
6	Slab 2nd Floor	21	3	2019	6Diax12	13	28.28	39	3090	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)

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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

8349

Dr. Umbreen

To: Muhammad Aftab, Asstt. to General Manager
Banu Mukhtar Contracting Pvt. Ltd.
Project: INTERLOOP GREEN DENIM FACTOR

Our Ref. No. CL/CED/ 7769 Dated: 08-04-19

Your Ref. No. BMC/INTERLOOP/004 Dated: 29-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-19 Tested on: 03-04-19 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	Roof Slab+Beam	27	2	2019	6x6x6	8.6	36	63	3920	Non Engraved
2	Roof Slab+Beam	27	2	2019	6x6x6	8.6	36	77	4800	Non Engraved
3	Roof Slab+Beam	27	2	2019	6x6x6	8.6	36	88	5480	Non Engraved
4	Roof Slab+Beam	27	2	2019	6x6x6	8.8	36	86	5360	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

8354

To: **Sub Divisional Officer**

Dr. Umbreen

Buildings Sub Division No.12, Lahore.

Project:Constt. of Office Complex of Food Directorate Divi. Food Office Lhr. & DFC, Office Lahore

Our Ref. No. CL/CED/ 7770 Dated: 08-04-19

Your Ref. No. 234/SDO 12th Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-19 Tested on: 03-04-19 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 3rd Floor	28	2	2019	6Diax12	13.4	28.28	57	4520	Non Engraved
2	Slab 3rd Floor	28	2	2019	6Diax12	13.4	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

8355

To: Engr. Asif Jah, Executive Engineer Tamirat
Anjuman Himayat-i-Islam, 119 Multan Road Lahore.
Project: Remaining Works of Constt. of D-Plaza at Al-Mumtaz Road Dar-ul-Shafqat for Boys, Lahore.

Dr. Umbreen

Our Ref. No. CL/CED/ 7771 Dated: 08-04-19

Your Ref. No. Tm-715 Dated: 28-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-19 Tested on: 03-04-19 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	28	2	2019	6x6x6	8.3	36	71	4420	Non Engraved
2	Slab	28	2	2019	6x6x6	8.4	36	69	4300	Non Engraved
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** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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supervisor(lab)

Director/Dy. Director Concrete Laboratory