



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

8429

To: Mr. Abdul Ghafoor

Dr. Umbreen

Karol War, Post Office Baghbanpura, Lahore.

Project: Alfalah Bank Bldg.107-Y Commercial Area Phase-III, DHA, Lahore.(Swift Construction Company)

Our Ref. No. CL/CED/

7856

Dated:

17-04-19

Your Ref. No.

Nil

Dated:

09-04-19

## COMPRESSION TEST REPORT

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

Specimens received on: 09-04-19 Tested on: 16-04-19 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		10	3	2019	6Diax12	14	28.28	39	3090	Non Engraved
2		10	3	2019	6Diax12	14	28.28	45	3570	Non Engraved
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\* 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



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Project: Alfalah Bank Bldg.107-Y Commercial Area Phase-III, DHA, Lahore.(Swift Construction Company)

Our Ref. No. CL/CED/

7857

Dated:

17-04-19

Your Ref. No.

Nil

Dated:

09-04-19

## COMPRESSION TEST REPORT

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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	13.4	28.28	39	3090	Non Engraved
2		31	3	2019	6Diax12	13.4	28.28	39	3090	Non Engraved
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8340

Dr. Umbreen

To: **Resident Engineer, New Vision Engineering Consultant.**

**M/S Space Construction & Engineering JV KKB.**

**Project: Constt. of Roads & Drainage (Contract-01) at Punjab Small Industries Estate Wazirabad.**

Our Ref. No. CL/CED/ 7858 Dated: 17-04-19

Your Ref. No. NVEC/RE/PSIC/SIE/2018/349 Dated: 23-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 17-04-19 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	Rectangular Grey				7.8x3.8x3.1	3674	29.64	94	7110	
2	Rectangular Grey				7.8x3.8x3.1	3596	29.64	86	6500	
3	Rectangular Grey				7.8x3.8x3.1	3740	29.64	114	8620	
4	Rectangular Grey				7.8x3.8x3.1	3699	29.64	104	7860	
5	Rectangular Grey				7.8x3.8x3.1	3769	29.64	88	6660	
6	Rectangular Grey				7.8x3.8x3.1	3652	29.64	110	8320	
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8340

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To: **Resident Engineer, New Vision Engineering Consultant.**

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**Project: Constt. of Roads & Drainage (Contract-01) at Punjab Small Industries Estate Wazirabad.**

Our Ref. No. CL/CED/ 7859 Dated: 17-04-19

Your Ref. No. NVEC/RE/PSIC/SIE/2018/367 Dated: 11-01-19

## COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 16-04-19 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	D-1 Wall	5	11	2018	6Diax12	13	28.28	69	5470	Non Engraved
2	D-1 Wall	5	11	2018	6Diax12	13	28.28	43	3410	Non Engraved
3	D-1 Wall	5	11	2018	6Diax12	13	28.28	43	3410	Non Engraved
4	D-1 Bed	29	10	2018	6Diax12	12.8	28.28	73	5790	Non Engraved
5	D-1 Bed	29	10	2018	6Diax12	13	28.28	43	3410	Non Engraved
6	D-1 Bed	29	10	2018	6Diax12	13	28.28	69	5470	Non Engraved
7	D-1 Slab	11	12	2018	6Diax12	12.6	28.28	63	5000	Non Engraved
8	D-1 Slab	11	12	2018	6Diax12	12.8	28.28	63	5000	Non Engraved
9	D-1 Slab	11	12	2018	6Diax12	13	28.28	53	4200	Non Engraved
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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

8340

To: **Muhammad Sarfraz Manzoor, Resident Engineer, New Vision Engineering Consultant.**  
**M/S Space Construction & Engineering JV KKB.**  
**Project: Constt. of Roads & Drainage (Contract-01) at Punjab Small Industries Estate Wazirabad.**

Dr. Umbreen

Our Ref. No. CL/CED/ 7860 Dated: 17-04-19

Your Ref. No. NVEC/RE/PSIC/SIE/2018/349 Dated: 25-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 17-04-19 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	Kerb Stone				5.1x5.1x5.7	5672	26.01	63	5430	Cut Cube
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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

8468

Dr. Umbreen

To: Sub Divisional Officer

R/O Drainage Sub Division, Sheikhpura.

Project: Flood Protec. of Kamoki & Adjoin. Areas (Pack. B), Drajke Drain RD 23+851 L/S Inlet Chamber

Our Ref. No. CL/CED/

7861

Dated:

17-04-19

Your Ref. No.

219/2-W

Dated:

16-04-19

## COMPRESSION TEST REPORT

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

Specimens received on:

17-04-19

Tested on:

17-04-19

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	Bed & Walls	20	3	2019	6x6x6	8.6	36	118	7350	Non Engraved
2	Bed & Walls	20	3	2019	6x6x6	8.4	36	114	7100	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8442

Dr. Umbreen

To: Sub Divisional Officer

R/O Drainage Sub Division, Sheikhpura.

Project: Flood Protec. of Kamoki & Adjoin. Areas (Pack. B), Drajke Drain RD 26+030 L/S Inlet Chamber

Our Ref. No. CL/CED/

7862

Dated:

17-04-19

Your Ref. No.

212/2-W

Dated:

09-04-19

## COMPRESSION TEST REPORT

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

Specimens received on:

12-04-19

Tested on:

17-04-19

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	Bed & Walls	12	3	2019	6x6x6	8.4	36	120	7470	Non Engraved
2	Bed & Walls	12	3	2019	6x6x6	8.4	36	130	8090	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8342

Dr. Umbreen

To: **Mr. Safdar Hussain, RE, ACE, Danish School Mankera Residency.**  
**Associated Consulting Engineers Pvt. Ltd. (M/S Nafcon Construction)**  
**Project: Establishment of Danish School (Boys & Girls) at Mankera Distt. Bhakkar. (Package-5)**

Our Ref. No. CL/CED/ 7863 Dated: 17-04-19

Your Ref. No. ACE/RE/MNK/BHK/19/204 Dated: 25-03-19

## COMPRESSION TEST REPORT

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

Specimens received on: 28-03-19 Tested on: 16-04-19 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	Beam, Dis. Station	21	2	2019	6Diax12	13	28.28	53	4200	Non Engraved
2	Beam, Dis. Station	21	2	2019	6Diax12	13	28.28	57	4520	Non Engraved
3	Beam, Dis. Station	21	2	2019	6Diax12	13.2	28.28	59	4680	Non Engraved
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