



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

8469
Engr. Ubaid

To: **Waseem G. Rasool**
Al-Habib Construction Company Pvt Ltd.
Project:U900 Karachi & Lahore, ODU BTS Foundation, Site ID-CI-1700.

Our Ref. No. CL/CED/ 7968 Dated: 29-04-19

Your Ref. No. AHCC/UFONE/D7/1700 Dated: 26-12-18

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 26-04-19 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		17	12	2018	6x6x6	8.4	36	122	7600	Non Engraved
2		17	12	2018	6x6x6	8.3	36	73	4550	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



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Phone Nos. 042-99029202, 042-99029217

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To: **Waseem G. Rasool**
Al-Habib Construction Company Pvt Ltd.
Project: U900 Karachi & Lahore, ODU BTS Foundation, Site ID-CI-1700.

Our Ref. No. CL/CED/ 7969 Dated: 29-04-19

Your Ref. No. AHCC/UFONE/D28/1700 Dated: 15-01-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 26-04-19 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
		17	12	2018						
1		17	12	2018	6x6x6	8.2	36	101	6290	Non Engraved
2		17	12	2018	6x6x6	8.4	36	126	7840	Non Engraved
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Department of Civil Engineering
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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, Block Q-75/03 (G.F Slab), M/s Progressive International.

Our Ref. No. CL/CED/ 7970 Dated: 29-04-19

Your Ref. No. RE/WWC-K/2019/58-59 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 26-04-19 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		12	3	2019	6x6x6	8.4	36	86	5360	Non Engraved
2		12	3	2019	6x6x6	8.2	36	92	5730	Non Engraved
3		12	3	2019	6x6x6	8.2	36	83	5170	Non Engraved
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University of Engineering and Technology, Lahore

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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, Block Q-73/05 (G.F Column), M/s Progressive International.

Our Ref. No. CL/CED/ 7971 Dated: 29-04-19

Your Ref. No. RE/WWC-KSRK/2019/60 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 26-04-19 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		15	3	2019	6x6x6	8.4	36	41	2560	Non Engraved
2		15	3	2019	6x6x6	8.2	36	75	4670	Non Engraved
3		15	3	2019	6x6x6	8.2	36	63	3920	Non Engraved
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** 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.

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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, Block Q-56/01 (F.F Slab), M/s Progressive International.

Our Ref. No. CL/CED/ 7972 Dated: 29-04-19

Your Ref. No. RE/WWC-KSRK/2019/61 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 26-04-19 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		19	3	2019	6x6x6	8.5	36	108	6720	Non Engraved
2		19	3	2019	6x6x6	8.3	36	73	4550	Non Engraved
3		19	3	2019	6x6x6	8.4	36	63	3920	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

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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, Block Q-75/03 (F.F Column), M/s Progressive International.

Our Ref. No. CL/CED/ 7973 Dated: 29-04-19

Your Ref. No. RE/WWC-KSRK/2019/62 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 26-04-19 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		20	3	2019	6x6x6	8.4	36	83	5170	Non Engraved
2		20	3	2019	6x6x6	8.3	36	73	4550	Non Engraved
3		20	3	2019	6x6x6	8.5	36	53	3300	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

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8527

To: (Ch. Abdul Ghafoor), Resident Engineer.

Engr. Ubaid

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Estab. of W.W.C (Phase-1), Pkg-Q, Block Q-60/09 (Plinth Beam), M/s Progressive International.

Our Ref. No. CL/CED/ 7974 Dated: 29-04-19

Your Ref. No. RE/WWC-KSRK/2019/63 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 26-04-19 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		25	3	2019	6x6x6	8.2	36	65	4050	Non Engraved
2		25	3	2019	6x6x6	8.3	36	73	4550	Non Engraved
3		25	3	2019	6x6x6	8.3	36	81	5040	Non Engraved
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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, Block Q-74/04 (G.F Slab), M/s Progressive International.

Our Ref. No. CL/CED/ 7975 Dated: 29-04-19

Your Ref. No. RE/WWC-KSRK/2019/64 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 24-04-19 Tested on: 26-04-19 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		26	3	2019	6x6x6	8.4	36	83	5170	Non Engraved
2		26	3	2019	6x6x6	8.2	36	94	5850	Non Engraved
3		26	3	2019	6x6x6	8.4	36	89	5540	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

8545

To: **Major (Muhammad Farhan Khan), Project Officer** Engr. A. Rehman
19 Engineer Battalion (Chaghai Sappers), Sheikhpura Camp C/O Signal Centre, FWO Chaklala.
Project: Kot Abdul Malik Bridge (South Bound) at M-2. (M/S Trust Developers & Constt. Pvt. Ltd.)

Our Ref. No. CL/CED/ 7976 Dated: 29-04-19

Your Ref. No. 607/SDO B&R/General Dated: 26-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-04-19 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		30	3	2019	6Diax12	13.2	28.28	61	4840	Non Engraved
2		30	3	2019	6Diax12	13.8	28.28	63	5000	Non Engraved
3		30	3	2019	6Diax12	14.2	28.28	78	6180	Non Engraved
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