



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

10168

Engr. Ubaid

To: **Rana Aadil Farooq (Deputy Director QCD)**

WASA, LDA, Lahore (M/s. Alam Sheer Adeel Hassan Enterprises)

Project: (Sub Head-I) Tender No. XEN(O&M-I)/GBT/2019-20/192 for Improvement of Sewerage System From Mood Bakery to Qasim Streets & Sodiwal Quarters Link Streets in Gulshan-E-Ravi at Sub-Division WASA, LDA, Lhr (15" dia Sewer Line)

Our Ref. No. CL/CED/ 199 Dated: 17-06-20

Your Ref. No. QCD/974-75 Dated: 10-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-20 Tested on: 16-06-20 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	D 5		8.8x4.4x2.8	3259	38.72	61	3530	
2	D 5		8.8x4.4x2.9	3261	38.72	53	3070	
3	D 5		8.9x4.4x2.9	3298	39.16	61	3490	
4	D 5		8.9x4.4x2.8	3269	39.16	55	3150	
5	D 5		8.8x4.4x2.8	3276	38.72	59	3420	
6	D 5		8.9x4.4x2.9	3281	39.16	57	3260	
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

10150

Engr. Abdul Rehman

To: **Dy. Director (Engg-II)**
PHA, Lahore

Project: Development of Park at A-III Kabutar Pura, Gulberg, Lahore

Our Ref. No. CL/CED/ 200 Dated: 17-06-20

Your Ref. No. DD(Engg-II)/PHA/3713 Dated: 02-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-06-20 Tested on: 16-06-20 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	M		8.9x4.4x2.9	3319	39.16	62	3550	
2	M		8.8x4.4x2.9	3341	38.72	55	3190	
3	M		8.9x4.4x2.8	3329	39.16	46	2640	
4	M		8.8x4.3x2.8	3332	37.84	62	3670	
5	M		8.9x4.3x2.8	3327	38.27	50	2930	
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

10175

Dr. Burhan Sharif

To: Muhammad Essa (Chief Financial Officer)
Markhor Developers (Pvt.) Ltd. Lahore
Project: Construction of 75-Shadman-I, Lahore (Tetra Engineering Pvt. Ltd.)

Our Ref. No. CL/CED/ 201 Dated: 17-06-20

Your Ref. No. Nil Dated: 10-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-06-20 Tested on: 12-06-20 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 (6000 PSI)	21	5	2020	6Diax12	14	28.28	71	5630	Non Engraved
2	Column (6000 PSI)	21	5	2020	6Diax12	14	28.28	69	5470	Non Engraved
3	Column (6000 PSI)	21	5	2020	6Diax12	14	28.28	69	5470	Non Engraved
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"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

10143

To: **Muhammad Shehbaz Dogar**

Dr. Mazhar Saleem

Dogar Associates, Lahore Cantt., Distt. Lahore

Project: Construction of ZARA Faisal Residence 231 Plot, Bagh Ali Road Cantt., Lahore

Our Ref. No. CL/CED/ 202 Dated: 17-06-20

Your Ref. No. Nil Dated: 01-06-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-06-20 Tested on: 15-06-20 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	2020	6x6x6	8.8	36	108	6720	Non Engraved
2		15	2	2020	6x6x6	8.2	36	118	7350	Non Engraved
3		15	2	2020	6x6x6	8.2	36	108	6720	Non Engraved
4		15	2	2020	6x6x6	8.2	36	110	6850	Non Engraved
5		18	2	2020	6x6x6	8.6	36	106	6600	Non Engraved
6		18	2	2020	6x6x6	8	36	77	4800	Non Engraved
7		15	5	2020	6x6x6	8	36	69	4300	Non Engraved
8		15	5	2020	6x6x6	8.6	36	77	4800	Non Engraved
9		15	5	2020	6x6x6	8.2	36	63	3920	Non Engraved
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

10157

Dr. Mazhar Saleem

To: Sub Divisional Officer

Buildings Sub Division No.12, Lahore

Project: Construction of Hostels for Students Alongwith Inter Connecting Bridge of Fatima Jinnah Medical University Lahore.

Our Ref. No. CL/CED/

203

Dated:

17-06-20

Your Ref. No.

231/SDO12th

Dated:

17-04-20

COMPRESSION TEST REPORT

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

Specimens received on:

04-06-20

Tested on:

11-06-20

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)	16	4	2020	6x6x6	8.4	36	51	3180	Non Engraved
2	(1 : 2 : 4)	16	4	2020	6x6x6	9	36	81	5040	Non Engraved
3										
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