



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

717

To: **Project Manager-Civil**

Dr. M. Yousaf

Marine International Container Terminal (Pvt.) Ltd. Karachi

Project: Providing and Laying at Empty Container Yard at Non Bonded Area Place 1, MICT Prem Nagar

Our Ref. No. CL/CED/ 2221 Dated: 25-02-21

Your Ref. No. Nil Dated: 18-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-02-21 Tested on: 23-02-21 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	Rectangular Grey		7.8x3.8x3.1	3842	29.64	89	6730	
2	Rectangular Grey		7.8x3.8x3.1	3768	29.64	83	6280	
3	Rectangular Grey		7.8x3.8x3.1	3789	29.64	75	5670	
4	Rectangular Grey		7.8x3.8x3.1	3814	29.64	78	5900	
5	Rectangular Grey		7.8x3.8x3.1	3771	29.64	90	6810	
6	Rectangular Grey		7.8x3.8x3.1	3823	29.64	82	6200	
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

717

Dr. M. Yousaf

To: Deputy Director (Development & Maintenance)

Punjab Land Record Authority, Govt of The Punjab, Lahore

Project: Construction of PLRA Arazi Record Centers Across Punjab (Lot-3 North Region)

Our Ref. No. CL/CED/ 2222 Dated: 25-02-21

Your Ref. No. PLRA/DD(CW)/QP/2020/10/23 Dated: 26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-21 Tested on: 23-02-21 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				7.8x3.8x2.3	2631	29.64	134	10130	
2	Rectangular Grey				7.8x3.8x2.3	2620	29.64	133	10060	
3	Rectangular Grey				7.8x3.8x2.3	2641	29.64	124	9380	
4	Rectangular Grey				7.8x3.8x2.3	2651	29.64	120	9070	
5	Rectangular Grey				7.8x3.8x2.3	2703	29.64	122	9220	
6	Rectangular Grey				7.8x3.8x2.3	2662	29.64	150	11340	
7	Rectangular Grey				7.8x3.8x2.3	2653	29.64	156	11790	
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?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

727

To: Assistant Executive Engineer

Engr. A. Rehman

KBCMA, CVAS, Narowal (M/s Zafar Ali Toor, Construction Company)

Project: Construction of External Sewerage System Water Supply / Fire Fighting System, Over Head Water Tank (50000-Gallons) Sewerage Equalization Tank No 1&2 Tubewell & Tubewell Chamber, Septic Tank (1-2), Oil Separator, Grease Trap at CVAS Narowal

Our Ref. No. CL/CED/ 2223 Dated: 25-02-21

Your Ref. No. AEE/NC/41 Dated: 25-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-21 Tested on: 24-02-21 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	Septic Tank # 4	30	12	2020	6Diax12	13.2	28.28	21	1670	Engraved
2	Septic Tank # 4	30	12	2020	6Diax12	13.4	28.28	18	1430	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



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

727

To: Assistant Executive Engineer

Engr. A. Rehman

KBCMA, CVAS, Narowal (M/s Zafar Ali Toor, Construction Company)

Project: Construction of External Sewerage System Water Supply / Fire Fighting System, Over Head Water Tank (50000-Gallons) Sewerage Equalization Tank No 1&2 Tubewell & Tubewell Chamber, Septic Tank (1-2), Oil Separator, Grease Trap at CVAS Narowal

Our Ref. No. CL/CED/ 2224 Dated: 25-02-21

Your Ref. No. AEE/NC/39 Dated: 16-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-21 Tested on: 24-02-21 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	Septic Tank # 1	21	12	2020	6Diax12	13.8	28.28	48	3810	Engraved
2	Septic Tank # 1	21	12	2020	6Diax12	13.6	28.28	41	3250	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" 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

733

Engr. A. Rehman

To: Project Manager
Ahmed Construction Company, Lahore
Project: Slab (3000 Psi)

Our Ref. No. CL/CED/ 2225 Dated: 25-02-21

Your Ref. No. ACCO/TCL/019 Dated: 22-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 24-02-21 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		13	2	2021	6Diax12	14.1	28.28	20	1590	Engraved
2		13	2	2021	6Diax12	14	28.28	50	3960	Engraved
3		13	2	2021	6Diax12	14	28.28	13	1030	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

735

Dr. M. Yousaf

To: Sub Divisional Officer

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in The Pemies of Lahore High Court Lahore (Retaining Wall for Water Tank)

Our Ref. No. CL/CED/

2226

Dated:

25-02-21

Your Ref. No.

128

Dated:

12-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

22-02-21

Tested on:

23-02-21

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 : 1.5 : 3)	15	1	2021	6x6x6	9.2	36	120	7470	Non Engraved
2	(1 : 1.5 : 3)	15	1	2021	6x6x6	9	36	104	6480	Non Engraved
3	(1 : 1.5 : 3)	15	1	2021	6x6x6	9	36	104	6480	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" 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

735

Dr. M. Yousaf

To: **Sub Divisional Officer**

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in The Pemises of Lahore High Court Lahore (Roof Slab Water Tank)

Our Ref. No. CL/CED/

2227

Dated:

25-02-21

Your Ref. No.

137

Dated:

15-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 23-02-21 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	(1 : 2 : 4)	18	1	2021	6x6x6	9	36	90	5600	Non Engraved
2	(1 : 2 : 4)	18	1	2021	6x6x6	9	36	78	4860	Non Engraved
3	(1 : 2 : 4)	18	1	2021	6x6x6	9.2	36	86	5360	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/departament?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

735

To: **Sub Divisional Officer**

Dr. M. Yousaf

Buildings Sub Division No.15, Lahore

Project: Construction of New Administration Block in The Pemies of Lahore High Court Lahore (Base Slab for Water Tank)

Our Ref. No. CL/CED/ 2228 Dated: 25-02-21

Your Ref. No. 123 Dated: 10-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 23-02-21 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 : 1.5 : 3)	13	1	2021	6x6x6	9	36	107	6660	Non Engraved
2	(1 : 1.5 : 3)	13	1	2021	6x6x6	9	36	81	5040	Non Engraved
3	(1 : 1.5 : 3)	13	1	2021	6x6x6	9.2	36	97	6040	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/departament?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

737

To: **Mr. Umair Maqsood (Sub Divisional Officer)**

Dr. M. Yousaf

Buildings Sub Division, Assembly, Lahore

Project: Construction of MPA Hostel Phase-II Lahore (Group No.01)

Our Ref. No. CL/CED/ 2229 Dated: 25-02-21

Your Ref. No. 148 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 23-02-21 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	Raft (1:2:4)	6	1	2021	6x6x6	9	36	76	4730	Engraved
2	Raft (1:2:4)	6	1	2021	6x6x6	9	36	63	3920	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



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

737

To: Mr. Umair Maqsood (Sub Divisional Officer)
Buildings Sub Division, Assembly, Lahore
Project: Construction of MPA Hostel Phase-II Lahore (Group No.01)

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2230 Dated: 25-02-21

Your Ref. No. 149 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 23-02-21 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	Raft (1:2:4)	9	1	2021	6x6x6	9	36	63	3920	Engraved
2	Raft (1:2:4)	9	1	2021	6x6x6	9	36	63	3920	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



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

737

To: Mr. Umair Maqsood (Sub Divisional Officer)
Buildings Sub Division, Assembly, Lahore
Project: Construction of MPA Hostel Phase-II Lahore (Group No.01)

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2231 Dated: 25-02-21

Your Ref. No. 150 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 23-02-21 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	Raft (1:2:4)	12	1	2021	6x6x6	9	36	70	4360	Engraved
2	Raft (1:2:4)	12	1	2021	6x6x6	9	36	68	4240	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



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

739

To: **Mr. Muhammad Saleem (GM)**
Professional Construction Services (Pvt.) Ltd. Lahore

Engr. A. Rehman

Project: Construction of Allied Bank Limited Valencia Town, Lahore(RCC Basement Slab at Grid A~C / 1~4)

Our Ref. No. CL/CED/ 2232 Dated: 25-02-21

Your Ref. No. PCS/2021/Eng-30 Dated: 23-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 24-02-21 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)	14	1	2021	6Diax12	14	28.28	39	3090	Non Engraved
2	(1 : 2 : 4)	14	1	2021	6Diax12	14.2	28.28	53	4200	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" 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

741

To: Deputy Director, Engg. (Sec I&II, Package-I, LOLMTP)

Engr. A. Rehman

Lahore Development Authority, Lahore (M/s Awais International)

Project: Construction of Baghbanpura Police Station GT Road Road, Lahore (Lahore Orange Line Metro Train Project Package-I)

Our Ref. No. CL/CED/ 2233 Dated: 25-02-21

Your Ref. No. DD/PKG-I/LOLMTP/LDA/16 Dated: 22-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 24-02-21 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	1	2021	6x6x6	9	36	40	2490	Engraved
2		20	1	2021	6x6x6	9	36	50	3120	Engraved
3		20	1	2021	6x6x6	9	36	55	3430	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" 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

742

To: **Mr. Muhammad Umair Ashfaq (Director Plant & Production)**

Engr. A. Rehman

Lotte Akhtar Beverages (Pvt.) Ltd. Lahore

Project: Construction of WWTP at Lotte Akhtar Beverage Plant, Lahore (RCC Bed)

Our Ref. No. CL/CED/ 2234 Dated: 25-02-21

Your Ref. No. Nil Dated: 23-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 24-02-21 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	CAA-3771 (S#1)	14	2	2021	6x6x6	9	36	62	3860	Engraved
2	LET-5927 (S#2)	15	2	2021	6x6x6	9	36	58	3610	Engraved
3	LET-5923 (S#6)	15	2	2021	6x6x6	9	36	54	3360	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/departments/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

745

To: Mr. Muhammad Asif Bajwa (Resident Engineer, PU Lahore)

Engr. A. Rehman

Progressive Consultants (Pvt.) Ltd. Lahore**Project: Construction of Institute of Energy and Environmental Engineering at University of Punjab QAC, Lahore**

Our Ref. No. CL/CED/ 2235 Dated: 25-02-21

Your Ref. No. RE/PCL-562/LHR/IEEE/PU/136 Dated: 10-02-21

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/PaversSpecimens received
on:

23-02-21

Tested on:

24-02-21

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	1st Floor Slab	19	1	2021	6Diax12	14	28.28	58	4600	Non Engraved
2	1st Floor Slab	19	1	2021	6Diax12	14.2	28.28	70	5550	Non Engraved
3	1st Floor Slab	19	1	2021	6Diax12	14	28.28	81	6420	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" 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

732

Dr. Umbreen

To: **Mr. Sohail Anjum (Project Manager)**
MEK Multistory Offices, P-156 Gulberg II, Lahore
Project: Construction of P-156 Gulberg II, Lahore (3000 Psi)

Our Ref. No. CL/CED/ 2236 Dated: 25-02-21

Your Ref. No. P-156-196 Dated: 22-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 23-02-21 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	7 4 9	13	2	2021	6Diax12	14.8	28.28	43	3410	Non Engraved
2	7 5 0	13	2	2021	6Diax12	14	28.28	47	3730	Non Engraved
3	7 5 2	13	2	2021	6Diax12	14.8	28.28	47	3730	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/departement?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

746

To: **Engr. Umair Nisar**
Sky High Builder's IZMIR Society, Lahore. (M/S Strong Ready Mix)
Project: Construction of IZMIR Executive Shopping Mall & Apartments

Engr. A. Rehman

Our Ref. No. CL/CED/ 2237 Dated: 25-02-21

Your Ref. No. IZMIR/008 Dated: 23-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 24-02-21 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	UGWT Slab (3000)	25	1	2021	6Diax12	13.6	28.28	47	3730	Engraved
2	UGWT Slab (3000)	25	1	2021	6Diax12	14.2	28.28	44	3490	Engraved
3	G.F Columns (4000) Psi	6	2	2021	6Diax12	14	28.28	53	4200	Engraved
4	G.F Columns (4000) Psi	6	2	2021	6Diax12	13.8	28.28	53	4200	Engraved
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/departments?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

738

Engr. Ubaid

To: **Engr. Faizan Hussain (Assistant Engineer)**
B&W Department UET, Lahore.

Project: External Development Work at Admin Site, Workshop Design Centre and Girls Hostel, UET, Lahore

Our Ref. No. CL/CED/ 2238 Dated: 02-02-21

Your Ref. No. B&W/AEN/1915 Dated: 02-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 24-02-21 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	Rectangular Grey		7.8x3.8x3.2	3898	29.64	81	6130	
2	Rectangular Grey		7.8x3.8x3.2	3763	29.64	81	6130	
3	Rectangular Grey		7.8x3.8x3.2	3822	29.64	93	7030	
4	Rectangular Grey		7.8x3.8x3.2	3864	29.64	85	6430	
5	Rectangular Grey		7.8x3.8x3.2	3874	29.64	81	6130	
6	Rectangular Grey		7.8x3.8x3.2	3591	29.64	95	7180	
7	Rectangular Grey		7.8x3.8x3.2	3636	29.64	104	7860	
8	Rectangular Grey		7.8x3.8x3.2	3580	29.64	104	7860	
9	Rectangular Grey		7.8x3.8x3.2	3606	29.64	100	7560	
10	Rectangular Grey		7.8x3.8x3.2	3571	29.64	104	7860	
11	Rectangular Grey		7.8x3.8x3.2	3560	29.64	96	7260	
12	Rectangular Grey		7.8x3.8x3.2	3774	29.64	110	8320	
13	Rectangular Grey		7.8x3.8x3.2	3507	29.64	63	4770	
14	Rectangular Grey		7.8x3.8x3.2	3505	29.64	84	6350	
15	Rectangular Red		7.7x3.8x3.1	3606	29.26	77	5900	
16	Rectangular Red		7.7x3.8x3.1	3639	29.26	104	7970	

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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