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

10365

To: **M. Sohail Anjum (Project Manager)** Dr. M. Burhan
P-156 Gulberg-II, Lahore
Project: Construction of P-156 Gulberg-II, Lahore

Our Ref. No. CL/CED/ 496 Dated: 28-07-20

Your Ref. No. P-156-124 Dated: 23-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 28-07-20 Tested on: 28-07-20 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	475 (3000 Psi)	10	6	2020	6Diax12	14	28.28	43	3410	Non Engraved
2	477 (3000 Psi)	10	6	2020	6Diax12	14	28.28	33	2620	Non Engraved
3	479 (3000 Psi)	10	6	2020	6Diax12	14	28.28	39	3090	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 comprerssive 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

10316

To: **Xen (O&M)/GT** Dr. Umbreen
WASA, LDA, LAHORE.
Project: Tender No. Xen (O&M) GT/16-17/470 Imprement of the Sewerage System from Safa Wala Chowk to Nimra Masjid and In Mozang Sub Division WASA, LDA, Lahore.

Our Ref. No. CL/CED/ 497 Dated: 28-07-20

Your Ref. No. XEN/(O&M) GT/8021 Dated: 16-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-07-20 Tested on: 27-07-20 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	A159		9.0X4.4X2.9	3234	39.6	41	2320	
2								
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 comprerssive 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

10341

To: **Muhammad Tufail (Consruction Team Leader)** Dr.Mazhar Saleem
Zor Engineers (Pvt.) Ltd.
Project: Good Shepherd Christian Hospital-Kasur, Footing (ICU & Emergency), Grid E-5 (EA to EE), Grid EE (E1 to E5)

Our Ref. No. CL/CED/ 498 Dated: 28-07-20

Your Ref. No. 230.28.1/MT/16 Dated: 21-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 21-07-20 Tested on: 28-07-20 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	A	24	6	2020	6Diax12	14	28.28	59	4680	Engraved
2	B	24	6	2020	6Diax12	13.8	28.28	63	4990	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 comprerssive 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

10330

To: **Assistant Director (Technical)** Dr. Umbreen
Anti-Corruption Establishment, Sahiwal Region, Sahiwal
Project: Enquiry No. 281/2016

Our Ref. No. CL/CED/ 499 Dated: 28-07-20

Your Ref. No. ADT-114 Dated: 18-07-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-07-20 Tested on: 27-07-20 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	RB (Main Building)		8.4x4.1x2.9	2821	34.44	57	3710	Used Bricks
2	RB (Main Building)		8.5x4.1x2.8	2841	34.85	55	3540	Used Bricks
3	RB (Main Building)		8.5x4.0x2.8	2857	34	63	4160	Used Bricks
4	RB (Main Building)		8.5x4.1x2.8	2832	34.85	53	3410	Used Bricks
5	RB (Main Building)		8.5x4.1x2.8	2853	34.85	55	3540	Used Bricks
6	7 UP (Toe Wall)		8.8x4.3x2.9	2798	37.84	39	2310	Used Bricks
7	7 UP (Toe Wall)		8.8x4.3x3.0	2918	37.84	41	2430	Used Bricks
8	7 UP (Toe Wall)		8.7x4.3x3.0	2841	37.41	31	1860	Used Bricks
9	7 UP (Toe Wall)		8.8x4.3x2.9	2816	37.84	49	2910	Used Bricks
10	7 UP (Toe Wall)		8.7x4.3x2.9	2893	37.41	43	2580	Used Bricks
11	RB (Boundary Wall)		8.4x4.0x2.9	2767	33.6	55	3670	Used Bricks
12	RB (Boundary Wall)		8.5x4.1x2.9	2729	34.85	49	3150	Used Bricks
13	RB (Boundary Wall)		8.4x4.0x2.8	2803	33.6	47	3140	Used Bricks
14	RB (Boundary Wall)		8.5x4.1x2.8	2839	34.85	59	3800	Used Bricks
15	RB (Boundary Wall)		8.5x4.0x2.9	2867	34	61	4020	Used Bricks
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 comprerssive 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**