



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

268

Dr. M. Yousaf

To: Hassan Khan Sherwani (Provincial Construction Supervision Manager)
Humqadam SCRP (M/s Astral Constructions)
Project: Humqadam-School and Rehabilitation Programme (Raja Jung)

Our Ref. No. CL/CED/ 1405 Dated: 21-12-20

Your Ref. No. IMC-LHR/SCRIP/2020
/MaterialTesting/LHR-1 Dated: 08-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-20 Tested on: 18-12-20 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		8	12	2020	6Diax12	13	28.28	25	1980	Non Engraved
2		8	12	2020	6Diax12	13	28.28	48	3810	Non Engraved
3		8	12	2020	6Diax12	13.6	28.28	48	3810	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

268

Dr. M. Yousaf

To: **Hassan Khan Sherwani (Provincial Construction Supervision Manager)**
Humqadam SCRP (M/s Astral Constructions)
Project: Humqadam-School and Rehabilitation Programme (Kahna Nu No)

Our Ref. No. CL/CED/ 1406 Dated: 21-12-20

Your Ref. No. IMC-LHR/SCR/2020/
MaterialTesting/LHR-1 Dated: 08-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-20 Tested on: 18-12-20 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
		Month	Day	Year						
1		8	12	2020	6Diax12	13	28.28	27	2140	Non Engraved
2		8	12	2020	6Diax12	13.2	28.28	45	3570	Non Engraved
3		8	12	2020	6Diax12	13.2	28.28	48	3810	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

249

Dr. M. Yousaf

To: Rashid Iqbal (Project Manager)

A&R Construction Services, Lahore Cantt.

Project: Construction of Residence of Mr. Syed Farhan ul Hashmi at Plot No:47 Sector A Sui-Gas Society Lahore

Our Ref. No. CL/CED/

1407

Dated:

21-12-20

Your Ref. No.

Nil

Dated:

23-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 11-12-20 Tested on: 18-12-20 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	S		8.8x4.4x3.0	3529	38.72	54	3130	
2	S		8.9x4.3x3.1	3626	38.27	42	2460	
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

270

To: Mr. Waseem Asghar (Project Manager)
Mukhtar Sons Construction (Pvt.) Ltd.
Project: Naveena Apartments, 35-C, Gulberg III, Lahore

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1408 Dated: 21-12-20

Your Ref. No. Nil Dated: 15-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-20 Tested on: 18-12-20 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 (5000 Psi)	22	10	2020	6Diax12	14.4	28.28	84	6660	Non Engraved
2	Column (5000 Psi)	22	10	2020	6Diax12	13.8	28.28	70	5550	Non Engraved
3	Column (5000 Psi)	22	10	2020	6Diax12	14	28.28	82	6500	Non Engraved
4	Lift Shear Wall (5000 Psi)	5	11	2020	6Diax12	14.4	28.28	88	6970	Non Engraved
5	Lift Shear Wall (5000 Psi)	5	11	2020	6Diax12	14	28.28	88	6970	Non Engraved
6	Lift Shear Wall (5000 Psi)	5	11	2020	6Diax12	14.4	28.28	84	6660	Non Engraved
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"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

271

Dr. M. Yousaf

To: Tahir Mehmood
Hasnain Builders, Lahore
Project: 4th Floor Slab at Old City School Gawal Mandi Lahore

Our Ref. No. CL/CED/ 1409 Dated: 21-12-20

Your Ref. No. Nil Dated: 15-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-20 Tested on: 18-12-20 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
		11	11	2020						
1	4th Floor Slab (3000 Psi)	11	11	2020	6Diax12	13.8	28.28	43	3410	Non Engraved
2	4th Floor Slab (3000 Psi)	11	11	2020	6Diax12	13.4	28.28	48	3810	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



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

278

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 1410 Dated: 21-12-20

Your Ref. No. P-156-183 Dated: 16-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 18-12-20 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
		Month	Day	Year						
1	682 (4500 Psi)	18	11	2020	6Diax12	14.4	28.28	82	6500	Non Engraved
2	687 (4500 Psi)	18	11	2020	6Diax12	14.2	28.28	83	6580	Non Engraved
3	689 (4500 Psi)	18	11	2020	6Diax12	14	28.28	80	6340	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" 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

274

To: **Azam Wahab (Construction Manager)**

Dr. M. Yousaf

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No of 3 Storey Building in Sheikhpura in Punjab Province Pakistan

Our Ref. No. CL/CED/ 1411 Dated: 21-12-20

Your Ref. No. AA/UNOPS/UET/020 Dated: 16-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 18-12-20 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	11	2020	6Diax12	14.8	28.28	77	6100	Engraved
2		15	11	2020	6Diax12	14.2	28.28	63	4990	Engraved
3		16	11	2020	6Diax12	14	28.28	62	4920	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"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

274

To: **Azam Wahab (Construction Manager)**

Dr. M. Yousaf

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No of 3 Storey Building in Sheikhpura in Punjab Province Pakistan

Our Ref. No. CL/CED/ 1412 Dated: 21-12-20

Your Ref. No. AA/UNOPS/UET/021 Dated: 16-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 18-12-20 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
		Month	Day	Year						
1		18	11	2020	6Diax12	14	28.28	35	2780	Engraved
2		18	11	2020	6Diax12	14	28.28	33	2620	Engraved
3		18	11	2020	6Diax12	14	28.28	33	2620	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

274

To: **Azam Wahab (Construction Manager)**

Dr. M. Yousaf

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No of 3 Storey Building in Sheikhpura in Punjab Province Pakistan

Our Ref. No. CL/CED/ 1413 Dated: 21-12-20

Your Ref. No. AA/UNOPS/UET/022 Dated: 16-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 18-12-20 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	Solid Block		12.0x6.0x8.0	19	72	34	1060	
2	Solid Block		12.0x6.0x8.0	19	72	21	660	
3	Solid Block		12.0x6.0x8.0	19	72	41	1280	
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

272

To: Engr. Bilal Yaqoob Virk (Assistant Executive Engineer-II)

Dr. M. Yousaf

CCD, PAK, PWD, Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-1 (SH:Establishment of Trainees Hostel)

Our Ref. No. CL/CED/

1414

Dated:

21-12-20

AEE-

II/CCD/GA/Work/NHMP/P-

Your Ref. No.

I/Lab/10

Dated:

30-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

16-12-20

Tested on:

18-12-20

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	Raft Foundation	2	11	2020	6x6x6	8.8	36	108	6720	Non Engraved
2	Raft Foundation	2	11	2020	6x6x6	9	36	87	5420	Non Engraved
3	Raft Foundation	2	11	2020	6x6x6	9	36	76	4730	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

275

To: **Z. H. Kazmi (Principal Architect)**
Z.H. Kazmi & Associates, Lahore
Project: MCB Bank Limited Pattoki Branch Okara (0199)

Dr. M. Yousaf

Our Ref. No. CL/CED/ 1415-1 of 2 Dated: 21-12-20

Your Ref. No. Nil Dated: 16-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 18-12-20 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
		15	10	2020						
1		15	10	2020	6x6x6	8.4	36	86	5360	Engraved
2		15	10	2020	6x6x6	8.2	36	80	4980	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

275

Dr. M. Yousaf

To: **Z. H. Kazmi (Principal Architect)**
Z.H. Kazmi & Associates, Lahore
Project: MCB Bank Limited Pattoki Branch Okara (0199)

Our Ref. No. CL/CED/ 1415-2 of 2 Dated: 21-12-20

Your Ref. No. Nil Dated: 16-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 18-12-20 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
		Month	Day	Year						
1		6	11	2020	6Diax12	13.6	28.28	32	2540	Engraved
2		6	11	2020	6Diax12	13.8	28.28	37	2940	Engraved
3		9	11	2020	6Diax12	13.4	28.28	33	2620	Engraved
4		15	10	2020	6Diax12	14	28.28	57	4520	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/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

276

To: **Syed Suleman Haider (Assistant Resident Engineer, Kamoki Residency)**

Dr. M. Yousaf

AZ Engineering Associates, Kamoki

Project: Construction of RCC Road (Dual Carriageway) Form Alam Chowk to Ladhewala Warraich (Section Rajbah to Islam City) L=2.56 (Group No.2 From RD 104+00 to 1320+00=2800 RFT or 0.85KM) Distt. Gujranwala

Our Ref. No. CL/CED/ 1416 Dated: 21-12-20

Your Ref. No. AZEA/REKMK/1161 Dated: 07-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 18-12-20 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
		Month	Day	Year						
1	(126+65 to 129+65)	6	11	2020	6x6x6	9.2	36	102	6350	Non Engraved
2	(126+65 to 129+65)	6	11	2020	6x6x6	9	36	100	6230	Non Engraved
3	(126+65 to 129+65)	6	11	2020	6x6x6	9	36	96	5980	Non Engraved
4	(129+65 to 132+00)	10	11	2020	6x6x6	9	36	99	6160	Non Engraved
5	(129+65 to 132+00)	10	11	2020	6x6x6	9.2	36	110	6850	Non Engraved
6	(129+65 to 132+00)	10	11	2020	6x6x6	9	36	104	6480	Non Engraved
7	(123+65 to 126+65)	17	11	2020	6x6x6	9	36	140	8720	Non Engraved
8	(123+65 to 126+65)	17	11	2020	6x6x6	9	36	84	5230	Non Engraved
9	(123+65 to 126+65)	17	11	2020	6x6x6	9	36	126	7840	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

261

Dr. M. Yousaf

To: Assistant Engineer (Civil)
B&W Department, UET, Lahore
Project: Girls Hostel at UET Lahore

Our Ref. No. CL/CED/ 1417 Dated: 21-12-20

Your Ref. No. B&W/AENC/1873 Dated: 10-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-20 Tested on: 18-12-20 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		9.0x4.4x3.0	3506	39.6	38	2150	
2	M		9.0x4.4x3.1	3472	39.6	42	2380	
3	M		9.0x4.4x3.1	3359	39.6	42	2380	
4	M		8.9x4.4x3.0	3456	39.16	37	2120	
5	M		8.9x4.3x3.1	3361	38.27	42	2460	
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

277

Engr. Ubaid

To: **Maqsood Ahmad (Project Coordinator)**
Banu Mukhtar Contracting (Pvt.) Ltd. Lahore
Project: Novatex (Pvt.) Ltd. M3 Industrial Estate Fsd

Our Ref. No. CL/CED/ 1418 Dated: 21-12-20

Your Ref. No. BML/300841/002 Dated: 16-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-20 Tested on: 21-12-20 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	Ware House (Footing)	8	12	2020	6Diax12	13.8	28.28	27	2140	Non Engraved
2	Ware House (Footing)	8	12	2020	6Diax12	13.6	28.28	33	2620	Non Engraved
3	Ware House (Footing)	8	12	2020	6Diax12	13.4	28.28	30	2380	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