



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

583

To: **Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)**
Humqadam SCRP (M/s Astral Constructions)

Dr. Ambreen

Project: Humqadam-School Construction and Rehabilitation Programme (GPS Tibba Munday ki)

Our Ref. No. CL/CED/ 1921 Dated: 02-02-21

Your Ref. No. IMC-LHR/SCR/2020/
Material Testing/FSD-1 Dated: 01-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 02-02-21 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	Mortar Cube	24	1	2021	2.0x2.0x2.0	258	4	6	3310	
2	Mortar Cube	24	1	2021	2.0x2.0x2.0	261	4	2.5	1380	
3	Mortar Cube	24	1	2021	2.0x2.0x2.0	254	4	4	2210	
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

583

To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)

Dr. Ambreen

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (GGHS Ghaniaa Key)

Our Ref. No. CL/CED/

1922

Dated:

02-02-21

Your Ref. No.

IMC-LHR/SCRП/2020/

MaterialTesting/FSD-1

Dated:

01-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

01-02-21

Tested on:

02-02-21

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	Mortar Cube	25	1	2021	2.0x2.0x2.0	262	4	45	24800	
2	Mortar Cube	25	1	2021	2.0x2.0x2.0	259	4	40	22040	
3	Mortar Cube	25	1	2021	2.0x2.0x2.0	261	4	3.5	1930	
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

593

Dr. Ambreen

To: Mr. Muhammad Saleem
Professional Construction Services(Pvt.) Ltd.
Project: Construction of Allied Bank Limited Valenica Town Lahore.

Our Ref. No. CL/CED/ 1923 Dated: 02-02-21

Your Ref. No. PCS/2021/Eng-15 Dated: 01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 02-02-21 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		14	1	2021	6Diax12	13.8	28	21	1660	Non Engraved
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 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

593

Dr. Ambreen

To: Mr. Muhammad Saleem
Professional Construction Services(Pvt.) Ltd.
Project: Construction of Allied Bank Limited Valenica Town Lahore.

Our Ref. No. CL/CED/ 1923 Dated: 02-02-21

Your Ref. No. PCS/2021/Eng-14 Dated: 01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 01-02-21 Tested on: 02-02-21 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		14	1	2021	6Diax12	13.8	28	18	1420	Non Engraved
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/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

492

To: **Engr. Ali Raza (AM, Civil, Central)**

Dr. Mazhar Saleem

Pakistan Telecommunication Company Ltd. Lahore

Project: Rehabilitation of Old Sewerage Lines in PTCL Colony at RTTS Lahore Cantt. (Option-2)

Our Ref. No. CL/CED/ 1925 Dated: 02-02-21

Your Ref. No. M(Admin)/Bldgs/Sewerage Project/RTTS/2020 Dated: 09-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-21 Tested on: 01-02-21 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	7UP		8.8x4.3x2.8	3104	37.84	83	4920	
2	7UP		8.9x4.4x3.1	3526	39.16	63	3610	
3	7UP		8.8x4.3x2.9	3131	37.84	71	4210	
4	7UP		9.0x4.4x2.9	3278	39.6	61	3460	
5	7UP		8.9x4.3x3.0	3284	38.27	67	3930	
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

503

To: **Sub Divisional Officer**

Dr.Mazhar Saleem

Buildings Sub Division, Nankana Sahib

Project: Provision of Missing Facilities at G.G.P.S Ganji Piran Markaz Barkhurdar District Nankana Sahib

Our Ref. No. CL/CED/

1926

Dated:

02-02-21

Your Ref. No.

419/SDO/BSO/NNS

Dated:

14-12-20

COMPRESSION TEST REPORT

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

Specimens received on:

21-01-21

Tested on:

01-02-21

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	RB		8.5x4.0x2.7	2767	34	33	2180	
2	RB		8.4x4.0x2.8	2641	33.6	39	2600	
3	RB		8.6x4.1x2.7	2639	35.26	53	3370	
4	RB		8.5x4.0x2.8	2666	34	33	2180	
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

601

To: Lt. Col. (R) Muhammad Ibrahim (Estate Engineer)
Board of Management, Sundar Industrial Estate, Lahore (M/s Nev Con)
Project: Extension of Jamia Masjid at Sunder Industrial Estate (IT-1 Beam)

Dr. Rizwan Riaz

Our Ref. No. CL/CED/ 1927 Dated: 02-02-21

Your Ref. No. BOM/SIE/BCD6208 Dated: 02-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-21 Tested on: 02-02-21 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	3000 Psi	30	12	2020	6x6x6	9.2	36	108	6720	Engraved
2	3000 Psi	30	12	2020	6x6x6	9	36	108	6720	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

527

To: Mr. Muhammad Shoaib (Project Manager)
Gurmani Foundation, Lahore
Project: Build a College at Thatha Gurmani

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1928 Dated: 02-02-21

Your Ref. No. Nil Dated: 25-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 01-02-21 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	Inter Lock Brick		11.8x5.9	5023	69.62	63	2030	
2	Inter Lock Brick		5.9x5.7	2348	33.63	17	1140	
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

559

To: **Mr. Usman Ali (Project Manager)**
Maypole Lime Light
Project: Back Building / Printing Mill

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1929 Dated: 02-02-21

Your Ref. No. Mill-16 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-01-21 Tested on: 01-02-21 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 (3750 Psi)	31	12	2020	6Diax12	14	28.28	53	4200	Non Engraved
2	Raft (3750 Psi)	31	12	2020	6Diax12	13.8	28.28	45	3570	Non Engraved
3	Raft (3750 Psi)	31	12	2020	6Diax12	13.4	28.28	47	3730	Non Engraved
4	Columns (5000 Spi)	1	1	2021	6Diax12	13.4	28.28	45	3570	Engraved
5	Columns (5000 Spi)	1	1	2021	6Diax12	13.8	28.28	43	3410	Engraved
6	Columns (5000 Spi)	1	1	2021	6Diax12	13.4	28.28	43	3410	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/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