



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

To: **Ali Anwar Malik**  
**Lahore**  
**Project: Nil**

24  
Dr. Aqsa

Our Ref. No. CL/CED/ 1080-1 of 2 Dated: 26-10-20  
Your Ref. No. Nil Dated: 20-10-20

## COMPRESSION TEST REPORT

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

Specimens received on: 20-10-20 Tested on: 21-10-20 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		11.9x5.9x8.0	19	70.21	72	2300	
2	Solid Block		11.9x5.8x8.0	21	69.02	85	2760	
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/departament?RID=testing\\_reports&id=6](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

10660

To: **Muhammad Aqeel Bhatti**  
**Kingcrete Builders**

Dr. Mazhar Saleem

**Project: Construction of Cargo Building at Allama Iqbal International Airport Lahore**

Our Ref. No. CL/CED/ 1081 Dated: 26-10-20

Your Ref. No. KB/GD\_CB/AHA-LHR/030 Dated: 08-10-20

## COMPRESSION TEST REPORT

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

Specimens received on: 08-10-20 Tested on: 26-10-20 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		8.6x4.2x2.8	3194	36.12	47	2920	
2	S		8.7x4.2x2.8	3120	36.54	69	4230	
3	S		8.7x4.1x2.8	3166	35.67	69	4340	
4	S		8.8x4.2x2.9	3167	36.96	85	5160	
5	S		8.7x4.2x2.7	2971	36.54	81	4970	
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](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

10681

Dr.Mazhar Saleem

**To: Assistant Executive Engineer**  
**KBCMA, CVAS, Narowal**  
**Project: Construction of Boys Hostel at CVAS, Narowal**

Our Ref. No. CL/CED/ 1082 Dated: 26-10-20

Your Ref. No. AEE/NC/017 Dated: 05-10-20

## COMPRESSION TEST REPORT

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

Specimens received on: 12-10-20 Tested on: 26-10-20 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	HB		8.9x4.4x2.9	3119	39.16	33	1890	
2	HB		9.0x4.3x2.9	3170	38.7	33	1910	
3	HB		8.8x4.3x2.8	3187	37.84	49	2910	
4	HB		8.9x4.4x2.9	3240	39.16	45	2580	
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](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

9

To: **Rashid Kamran (Resident Engineer)**

Dr. Mazhar Saleem

**CM Div., Nespak (Pvt.) Ltd. Lahore**

**Project: Rehabilitation & Improvement of Roads Infrastructure in Allama Iqbal Town, Lahore**

Our Ref. No. CL/CED/ 1083 Dated: 26-10-20

Your Ref. No. 4047-R3/13/RK/1A/0109 Dated: 28-05-20

## COMPRESSION TEST REPORT

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

Specimens received on: 16-10-20 Tested on: 26-10-20 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		25	2	2020	6Diax12	13.8	28.28	69	5470	Non Engraved
2		25	2	2020	6Diax12	14	28.28	83	6580	Non Engraved
3		25	2	2020	6Diax12	13.8	28.28	67	5310	Non Engraved
4		25	2	2020	6Diax12	14	28.28	79	6260	Non Engraved
5		25	2	2020	6Diax12	14	28.28	83	6580	Non Engraved
6		25	2	2020	6Diax12	14	28.28	83	6580	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/department?RID=testing\\_reports&id=6](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

9

To: Rashid Kamran (Resident Engineer)

Dr. Mazhar Saleem

CM Div., Nespak (Pvt.) Ltd. Lahore

Project: Construction of Pedestrian Overhead Bridge at Shabbir Usmani Road Infront of Jinah Hospital, Lahore

Our Ref. No. CL/CED/ 1084 Dated: 26-10-20

Your Ref. No. 4047-R/13/RK/07/AFE/373 Dated: 24-06-20

## COMPRESSION TEST REPORT

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

Specimens received on: 16-10-20 Tested on: 26-10-20 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	2	2020	6Diax12	14.2	28.28	77	6100	Non Engraved
2		18	2	2020	6Diax12	14	28.28	79	6260	Non Engraved
3		18	2	2020	6Diax12	14	28.28	63	4990	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](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