



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

10235  
Engr. Ubaid

**To: Muhammad Azeem ( Operational Manager)**  
**Amer Adnan Associates, Lahore.**  
**Project: Hotel Building at 24-A-Block E/2 at Gulberg III, Lahore.**

Our Ref. No. CL/CED/ 305 Dated: 30-06-20

Your Ref. No. AAA/24A/0014 Dated: 29-06-20

## COMPRESSION TEST REPORT

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

Specimens received on: 29-06-20 Tested on: 30-06-20 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		20	6	2020	6Diax12	14	28.28	50	3960	Non Engraved
2		20	6	2020	6Diax12	14	28.28	53	4200	Non Engraved
3		20	6	2020	6Diax12	14	28.28	55	4360	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**



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10113

Engr. Ubaid

To: Retd. Lt. Col. Javaid Akbar (Project Manager)

TYPSA-ASIAN Consulting Engineers (JV)

Project: (Car Parking Area) Passenger Terminal Building Expansion at Allama Iqbal International Airport (AllAP), Lahore, Pakistan

Our Ref. No. CL/CED/

306

Dated:

30-06-20

Your Ref. No.

Typsa-pk-3199-20

Dated:

11-05-20

## COMPRESSION TEST REPORT

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

Specimens received on:

12-05-20

Tested on:

30-06-20

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	Rectangular Grey		7.8x3.9x2.3	2807	30.42	122	8990	
2	Rectangular Grey		7.8x3.9x2.3	2752	30.42	102	7520	
3	Rectangular Grey		7.8x3.9x2.3	2962	30.42	124	9140	
4	Rectangular Grey		7.8x3.9x2.3	2677	30.42	126	9280	
5	Rectangular Grey		7.8x3.9x2.3	2665	30.42	136	10020	
6	Rectangular Grey		7.8x3.9x2.3	2590	30.42	110	8100	
7	Rectangular Grey		7.8x3.9x2.3	2557	30.42	127	9360	
8	Rectangular Grey		7.8x3.9x2.3	2570	30.42	145	10680	
9	Rectangular Grey		7.8x3.9x2.3	2594	30.42	106	7810	
10	Rectangular Grey		7.8x3.9x2.3	2643	30.42	106	7810	
11	Rectangular Grey		7.8x3.9x2.3	2645	30.42	102	7520	
12	Rectangular Grey		7.8x3.9x2.3	2696	30.42	124	9140	
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

10113

Engr. Ubaid

To: Retd. Lt. Col. Javaid Akbar (Project Manager)

TYPSA-ASIAN Consulting Engineers (JV)

Project: (Car Parking Area) Passenger Terminal Building Expansion at Allama Iqbal International Airport (AllAP), Lahore, Pakistan

Our Ref. No. CL/CED/

307

Dated:

30-06-20

Your Ref. No.

Typsa-pk-3200-20

Dated:

11-05-20

## COMPRESSION TEST REPORT

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

Specimens received on:

12-05-20

Tested on:

30-06-20

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	Rectangular Grey		7.8x3.9x2.3	2684	30.42	100	7370	
2	Rectangular Grey		7.8x3.9x2.3	2665	30.42	100	7370	
3	Rectangular Grey		7.8x3.9x2.3	2697	30.42	137	10090	
4	Rectangular Grey		7.8x3.9x2.3	2691	30.42	136	10020	
5	Rectangular Grey		7.8x3.9x2.3	2693	30.42	96	7070	
6	Rectangular Grey		7.8x3.9x2.3	2694	30.42	114	8400	
7	Rectangular Grey		7.8x3.9x2.3	2702	30.42	96	7070	
8	Rectangular Grey		7.8x3.9x2.3	2666	30.42	98	7220	
9	Rectangular Grey		7.8x3.9x2.3	2659	30.42	135	9950	
10	Rectangular Grey		7.8x3.9x2.3	2722	30.42	140	10310	
11	Rectangular Grey		7.8x3.9x2.3	2662	30.42	126	9280	
12	Rectangular Grey		7.8x3.9x2.3	2701	30.42	100	7370	
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

10196

Engr. Ubaid

To: **Rana Aadil Farooq (Deputy Director QCD)**

**WASA, LDA, Lahore (M/s Rashid Ashraf & Brothers)**

**Project: Tender No.XEN(O&M-II)/GBT/2019-20/182 Rehabilitation of Sewer System Nichlson Road Qilla Gujjar Singh Near Lahore Hotel in Anarkali Sub Division WASA, LDA, Lahore**

Our Ref. No. CL/CED/ 308 Dated: 30-06-20

Your Ref. No. QCD/950-51 Dated: 01-06-20

## COMPRESSION TEST REPORT

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

Specimens received on: 17-06-20 Tested on: 30-06-20 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	Y		8.8x4.3x2.8	3295	37.84	53	3140	
2	Y		8.9x4.3x2.9	3160	38.27	51	2990	
3	Y		8.8x4.3x2.8	3173	37.84	59	3500	
4	Y		8.8x4.2x2.8	3077	36.96	43	2610	
5	Y		8.8x4.3x2.9	3172	37.84	53	3140	
6	Y		8.9x4.3x2.9	3149	38.27	51	2990	
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

10197

Engr. Ubaid

To: Junaid Khan (Project Manager ABC)

Abid Brothers Contractors (Pvt.) Ltd., Islamabad

Project: Establishment of Worker Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate District Kasur "Package-R"

Our Ref. No. CL/CED/

309

Dated:

30-06-20

Your Ref. No.

PM/WWC-R/67

Dated:

17-06-20

## COMPRESSION TEST REPORT

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

Specimens received on:

17-06-20

Tested on:

30-06-20

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	7 UP		8.6x4.3x2.8	2886	36.98	34	2060	
2	7 UP		8.7x4.2x2.9	2918	36.54	25	1540	
3	7 UP		8.7x4.2x2.9	2804	36.54	31	1900	
4	7 UP		8.6x4.3x2.8	2837	36.98	29	1760	
5	7 UP		8.6x4.2x2.8	2808	36.12	37	2300	
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

10216  
Engr. Ubaid

To: **T.S.M. Design Studio (Pvt.) Ltd.**  
**Lahore**

**Project: Construction of Gerry's Dnata Cargo Export Building at Allama Iqbal International Airport, Lahore**

Our Ref. No. CL/CED/ 310 Dated: 30-06-20

Your Ref. No. Nil Dated: 17-06-20

## COMPRESSION TEST REPORT

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

Specimens received on: 23-06-20 Tested on: 30-06-20 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	H		8.8x4.4x2.9	2864	38.72	63	3650	
2	H		8.8x4.4x2.9	2819	38.72	65	3760	
3	H		8.7x4.3x2.8	2780	37.41	63	3780	
4	H		8.7x4.3x2.9	2767	37.41	63	3780	
5	H		8.8x4.4x2.9	2851	38.72	60	3480	
6	H		8.8x4.4x2.9	2843	38.72	63	3650	
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

10231

Engr. Ubaid

To: **Abdullah Hussain (Resident Engineer)**

**E&PHE Div., Nespak (Pvt.) Ltd. Lahore**

**Project: Public Spaces Upgradation of Existing Parks in Sahiwal & Sialkot (Lot-2: Works for Upgradation of 4 Existing Parks in Sialkot)**

Our Ref. No. CL/CED/

311

Dated:

30-06-20

Your Ref. No.

Nespak/SAH/UET/018

Dated:

15-06-20

## COMPRESSION TEST REPORT

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

Specimens received on:

25-06-20

Tested on:

30-06-20

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	HK		8.8x4.4x3.0	2947	38.72	35	2030	
2	HK		8.8x4.4x3.0	2951	38.72	51	2950	
3	HK		8.9x4.4x2.9	2994	39.16	35	2010	
4	HK		8.8x4.3x2.9	2959	37.84	39	2310	
5	HK		8.9x4.4x3.0	2969	39.16	60	3440	
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

10237  
Engr. Ubaid

To: **M. Usman**  
**Grand Palace Hall, Lahore**  
**Project: Grand Palace Hall, Lahore**

Our Ref. No. CL/CED/ 312 Dated: 30-06-20  
Your Ref. No. GPH-02 Dated: 29-06-20

## COMPRESSION TEST REPORT

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

Specimens received on: 29-06-20 Tested on: 30-06-20 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	4000 Psi	4	6	2020	6Diax12	14	28.28	57	4520	Non Engraved
2	4000 Psi	4	6	2020	6Diax12	13.6	28.28	53	4200	Non Engraved
3	4000 Psi	4	6	2020	6Diax12	13.8	28.28	43	3410	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/departments?RID=testing\\_reports&id=6](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**