



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

784  
Engr.Ubaid

**To: Sub Divisional Officer**  
**Building Sub Division No.12, Lahore.**  
**Project: Establishmet of Mother and Child Block In Sir Ganga Ram Hospiatal, Lahore.**

Our Ref. No. CL/CED/ 2636 -1 of 2 Dated: 01-04-21

Your Ref. No. No.151 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 31-03-21 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	PK		8.8x4.5x3.0	3125	39.6	56	3170	
2	PK		8.8x4.5x3.0	3105	39.6	61	3460	
3	PK		8.9x4.4x2.8	3088	39.16	49	2810	
4	PK		8.9x4.5x3.0	3122	40.05	33	1850	
5	PK		8.9x4.4x2.9	3087	39.16	43	2460	
6	FB		9.0x4.4x2.9	3261	39.6	58	3290	
7	FB		9.0x4.4x2.8	3273	39.6	42	2380	
8	FB		8.9x4.4x3.0	3378	39.16	56	3210	
9	FB		9.0x4.4x2.9	3338	39.6	57	3230	
10	FB		8.8x4.5x3.0	3198	39.6	60	3400	
11	IB		8.8x4.5x2.9	3245	39.6	52	2950	
12	1B		9.0x4.4x3.1	3392	39.6	59	3340	
13	1B		9.0x4.4x3.0	3455	39.6	57	3230	
14	1B		8.9x4.4x2.9	3218	39.16	70	4010	
15	1B		9.0x4.4x3.1	3240	39.6	41	2320	
16								

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing\\_reports&id=6](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

784  
Engr.Ubaid

**To: Sub Divisional Officer**  
**Building Sub Division No.12, Lahore.**  
**Project: Establishmet of Mother and Child Block In Sir Ganga Ram Hospiatal, Lahore.**

Our Ref. No. CL/CED/ 2636 -2 of 2 Dated: 01-04-21  
Your Ref. No. No.151 Dated: 26-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 31-03-21 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	5 5		8.9x4.4x2.9	3152	39.16	38	2180	
2	5 5		8.9x4.4x3.0	3280	39.16	58	3320	
3	5 5		9.0x4.4x3.0	3101	39.6	44	2490	
4	5 5		8.8x4.5x2.9	3091	39.6	39	2210	
5	5 5		8.8x4.5x2.9	3143	39.6	56	3170	
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](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

699

Engr.Ubaid

To: Resident Engineer

OCL FLAP (ER-OCL) (M/S Osmani & Company (Pvt.) Ltd. Faisalabad

Project: RE-Construction of Rigid Runway at Faisalabad International Airport.

Our Ref. No. CL/CED/ 2637 Dated: 01-04-21

Your Ref. No. OCL/C-126/CAA/-  
FLAP/2021/0604/475 Dated: 02-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 16-02-21 Tested on: 31-03-21 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	5 1 1 (1-A)		4.3X2.1X1.4	1368	9.03	12	2980	
2	5 1 1 (2-A)		4.4X2.1X1.4	1368	9.24	10.5	2550	
3	5 1 1 (3-A)		4.4X2.1X1.3	1386	9.24	18	4370	
4	5 1 1 (4-A)		4.4X2.1X1.4	1389	9.24	21.5	5220	
5	5 1 1 (5-A)		4.3X2.1X1.4	1410	9.03	13.5	3350	
6	5 1 1 (6-A)		4.3X2.1X1.4	1402	9.03	12.25	3040	
7	5 1 1 (7-A)		4.4X2.2X1.4	1385	9.68	12	2780	
8	5 1 1 (8-A)		4.3X2.1X1.4	1372	9.03	15	3730	
9	5 1 1 (9-A)		4.3X2.1X1.4	1379	9.03	13.5	3350	
10	5 1 1 (10-A)		4.3X2.1X1.4	1384	9.03	15	3730	
11	5 1 1 (11-A)		4.3X2.1X1.4	1477	9.03	11	2730	
12	5 1 1 (12-A)		4.3X2.1X1.4	1469	9.24	12.5	3030	
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