



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

82

To: Abbas Ali Nasim (Resident Engineer-II)

Dr. Mazhar Saleem

MM Pakistan (Pvt.) Ltd. Sargodha**Project: DCRIP- Contract No. DCRP/S1/NCB-15 "Rehabilitation and Upgradation of Kot Naja Flood Bund RD 0+000 to RD 132+500"**

Our Ref. No. CL/CED/

1208-1of 2

Dated:

17-11-20

Your Ref. No.

DCRIP/KotNaja/RE-
II/859

Dated:

03-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

04-11-20

Tested on:

16-11-20

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	Machine Made (RD 0 to 40)		8.7x4.3x2.8	2648	37.41	59	3540	
2	Machine Made (RD 0 to 40)		8.8x4.2x2.7	2598	36.54	57	3500	
3	Machine Made (RD 0 to 40)		8.7x4.3x2.7	2653	37.41	49	2940	
4	Machine Made (RD 0 to 40)		8.7x4.3x2.7	2617	37.41	65	3900	
5	Machine Made (RD 0 to 40)		8.7x4.3x2.7	2741	37.41	47	2820	
6	Machine Made (RD 40 to 80)		8.8x4.3x2.7	2719	37.84	57	3380	
7	Machine Made (RD 40 to 80)		8.7x4.2x2.8	2678	36.54	61	3740	
8	Machine Made (RD 40 to 80)		8.8x4.2x2.7	2672	36.12	57	3540	
9	Machine Made (RD 40 to 80)		8.7x4.2x2.7	2708	36.54	55	3380	
10	Machine Made (RD 40 to 80)		8.7x4.3x2.8	2684	37.41	51	3060	
11	Machine Made (RD 80 to 120)		8.7x4.3x2.7	2711	37.41	58	3480	
12	Machine Made (RD 80 to 120)		8.7x4.2x2.8	2690	36.54	57	3500	
13	Machine Made (RD 80 to 120)		8.7x4.3x2.8	2729	37.41	57	3420	
14	Machine Made (RD 80 to 120)		8.8x4.3x2.7	2624	37.84	63	3730	
15	Machine Made (RD 80 to 120)		8.7x4.2x2.7	2610	36.54	50	3070	
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

82

To: **Abbas Ali Nasim (RE-II), MMP/DCRIP**

Dr. Mazar

AL-Husnain Grammar School opposite Subhan Akhtar PSO Petroleum Midh Road, Sial More, District Sargodha
Project: DCRIP- Contract No. DCRP/S1/NCB-15 "Rehabilitation and Upgradation of Kot Nanja Flood Bund Road to RD 132+500"

Our Ref. No. CL/CED/ 1209 - 2of 2 Dated: 17-11-20

Your Ref. No. DCRIP/Kot Nanja/RE-II/859 Dated: 03-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 04-11-20 Tested on: 16-11-20 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
16	Machine Made (RD 120 to 132)		8.7x4.2x2.7	2718	36.54	48	2950	
17	Machine Made (RD 120 to 132)		8.7x4.2x2.7	2692	36.54	47	2890	
18	Machine Made (RD 120 to 132)		8.7x4.3x2.8	2636	37.41	52	3120	
19	Machine Made (RD 120 to 132)		8.7x4.3x2.7	2686	37.41	54	3240	
20	Machine Made (RD 120 to 132)		8.8x4.2x2.7	2638	36.96	49	2970	
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

105

Dr. Umbreen

To: **Muhammad Nouman Rafique (Manager Technical)**

Punjab Industrial Estates Development and Management Company, Lahore

Project: Construction of Watch Towers and Left Over Works of Boundary Wall at Quaid-E-Azam Business Park (QABP) on M-2 Motorway Sheikhpura

Our Ref. No. CL/CED/ 1209 Dated: 17-11-20

Your Ref. No. QAB/PIE/CIV/198 Dated: 25-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 09-11-20 Tested on: 17-11-20 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	GA		8.8x4.3x2.8	3102	37.84	47	2790	
2	GA		8.8x4.2x2.8	3133	36.96	47	2850	
3	GA		8.9x4.4x2.9	3229	39.16	37	2120	
4	K		8.5x4.1x2.7	3049	34.85			
5	K		8.7x4.2x2.8	3076	36.54			
6	K		8.7x4.1x2.8	3099	35.67			
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