



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

10488

To: Furqan Ali Malik (Chief Resident Engineer, Package-1)

Dr. Aqsa

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

Project: Construction of Boundary Wall Guard Rooms and Eternal Allied Works of Anarkali Station of Lahore Orange Line Metro Train Package-1

Our Ref. No. CL/CED/ 754 Dated: 03-09-20

Your Ref. No. 4042/13/FAM/Bricks-173 Dated: 26-08-20

COMPRESSION TEST REPORT

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

Specimens received on: 27-08-20 Tested on: 02-09-20 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		8.8x4.2x2.9	3264	36.96	52	3160	
2	H		8.7x4.3x2.8	3192	37.41	44	2640	
3	H		8.9x4.4x2.9	3234	39.16	53	3040	
4	H		8.8x4.3x2.9	3248	37.84	50	2960	
5	H		8.7x4.2x2.8	3185	36.54	38	2330	
6	4		8.8x4.1x2.8	3252	36.08	48	2980	
7	4		8.7x4.2x2.9	3135	36.54	72	4420	
8	4		8.8x4.2x2.9	3168	36.96	46	2790	
9	4		8.8x4.3x2.8	3188	37.84	50	2960	
10	4		8.8x4.1x2.9	3238	36.54	52	3190	
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14								
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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



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10501
Dr. Aqsa

To: Care Taker Muhafiz Town
National Police Foundation Cooperative Housing Society Ltd., Lahore
Project: Construction of Mosque at Muhafiz Town Phase-II, Lahore

Our Ref. No. CL/CED/ 755 Dated: 03-09-20

Your Ref. No. M/T/19 Dated: 25-08-20

COMPRESSION TEST REPORT

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

Specimens received on: 31-08-20 Tested on: 02-09-20 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	(1 : 2 : 4)	10	8	2020	6x6x6	8.4	36	77	4800	Non Engraved
2	(1 : 2 : 4)	10	8	2020	6x6x6	8.4	36	90	5600	Non Engraved
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10505
Dr. Aqsa

To: **TSM Design Studio**
Lahore

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

Our Ref. No. CL/CED/ 756 Dated: 03-09-20

Your Ref. No. Nil Dated: 01-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-09-20 Tested on: 02-09-20 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		24	7	2020	6Diax12	14	28.28	52	4120	Non Engraved
2		24	7	2020	6Diax12	14	28.28	40	3170	Non Engraved
3		24	7	2020	6Diax12	14	28.28	50	3960	Non Engraved
4		25	7	2020	6Diax12	14	28.28	40	3170	Non Engraved
5		25	7	2020	6Diax12	14	28.28	40	3170	Non Engraved
6		25	7	2020	6Diax12	14.6	28.28	63	4990	Non Engraved
7		27	7	2020	6Diax12	14	28.28	35	2780	Non Engraved
8		27	7	2020	6Diax12	14	28.28	34	2700	Non Engraved
9		27	7	2020	6Diax12	14	28.28	60	4760	Non Engraved
10		16	6	2020	6Diax12	14.2	28.28	47	3730	Non Engraved
11		16	6	2020	6Diax12	14.4	28.28	57	4520	Non Engraved
12		16	6	2020	6Diax12	14.4	28.28	43	3410	Non Engraved
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15										
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10507
Dr. Aqsa

To: Altaf Hussain (M.E)
M/s AS Enterprises
Project: Style Textile Raiwind Road (Chak # 65)

Our Ref. No. CL/CED/ 757 Dated: 03-09-20
Your Ref. No. USD/ASE/26 Dated: 01-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 01-09-20 Tested on: 02-09-20 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	C20 (483-D)	15	7	2020	6x6x6	9	36	80	4980	Non Engraved
2	C20 (483-E)	15	7	2020	6x6x6	9	36	79	4920	Non Engraved
3	C20 (483-F)	15	7	2020	6x6x6	9	36	89	5540	Non Engraved
4	C30 (484-D)	15	7	2020	6x6x6	9	36	110	6850	Non Engraved
5	C30 (484-E)	15	7	2020	6x6x6	9	36	110	6850	Non Engraved
6	C30 (484-F)	15	7	2020	6x6x6	9	36	117	7280	Non Engraved
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10514

Dr. M. Yousaf

To: Engr. Arsalan Haider (Client Engineer)
Mukhtar Sons Construction (Pvt.) Ltd. Lahore
Project: T-Square Apartment Building Gulberg-III, Lahore

Our Ref. No. CL/CED/ 758 Dated: 03-09-20

Your Ref. No. Nil Dated: 01-09-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-20 Tested on: 03-09-20 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	Slab (4500 Psi)	27	8	2020	6Diax12	14	28.28	33	2620	Engraved
2	Slab (4500 Psi)	27	8	2020	6Diax12	14	28.28	34	2700	Engraved
3	Slab (4500 Psi)	27	8	2020	6Diax12	14.2	28.28	36	2860	Engraved
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