































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

2104

By: **Mr. Sh. Mohammad Tariq**  
**REC (Pvt.) Ltd.**

Dr. Umbreen

**Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road**

Our Ref. No. CL/CED/ 6157 Dated: 10/20/2021

Your Ref. No. AHA-11 Dated: 10/13/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 10/15/2021 Tested on: 10/18/2021 in dry/wet condition

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)								
		5	10	21	6Diax12	13.8	28.28	45	3570	Non Engraved
		5	10	21	6Diax12	14	28.28	45	3570	Non Engraved
		5	10	21	6Diax12	14	28.28	45	3570	Non Engraved

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)

Specimens engraved on the specimens (if any)

BS3921 requires average of ten clay brick samples for crushing strength and water absorption











# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

: Assistant Engineer  
University of Sargodha.

Project: Construction of Foot Path at University of Sargodha. (M/S Mian Muhammad Sagheer).

Our Ref. No. CL/CED/

6162

Dated:

10/20/2021

Your Ref. No.

SU/PD(Works)/5447-21

Dated:

10/8/2021

## COMPRESSION TEST REPORT

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

Specimens received on:

10/11/2021

Tested on:

10/13/2021

in dry/wet condition

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
Rectangular, 60mm, Grey		7.8x3.8x2.3	2801	29.64	106	8020	
Rectangular, 60mm, Grey		7.8x3.8x2.3	2845	29.64	118	8920	
Rectangular, 60mm, Grey		7.8x3.8x2.3	2840	29.64	120	9070	
Rectangular, 60mm, Grey		7.8x3.8x2.3	2850	29.64	132	9980	
Rectangular, 60mm, Grey		7.8x3.8x2.3	2890	29.64	130	9830	
Rectangular, 60mm, Grey		7.8x3.8x2.3	2860	29.64	116	8770	
Rectangular, 60mm, Grey		7.8x3.8x2.3	2870	29.64	120	9070	
Rectangular, 60mm, Grey		7.8x3.8x2.3	2915	29.64	118	8920	
Rectangular, 60mm, Red		7.8x3.8x2.3	2715	29.64	94	7110	
Rectangular, 60mm, Red		7.8x3.8x2.3	2745	29.64	125	9450	
Rectangular, 60mm, Red		7.8x3.8x2.3	2770	29.64	136	10280	
Rectangular, 60mm, Red		7.8x3.8x2.3	2780	29.64	133	10060	
Rectangular, 60mm, Red		7.8x3.8x2.3	2890	29.64	123	9300	
Rectangular, 60mm, Red		7.8x3.8x2.3	2810	29.64	120	9070	
Rectangular, 60mm, Red		7.8x3.8x2.3	2705	29.64	142	10740	
Rectangular, 60mm, Red		7.8x3.8x2.3	2845	29.64	112	8470	

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)

is engraved on the specimens (if any)





# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

By: **Mr. Asif Nadeem Khawar, RE**

**Metroplan-Asian JV, Consulting Engineers, Talagang Road, Mianwali**

**Project: Resident Construction Supervision for Establishment of Hospital and Nursing College, District Mianwali**

Our Ref. No. CL/CED/

6164

Dated:

10/20/2021

Your Ref. No.

Metroplan Asian JV-Nexus-MMCH-RE-

1027

Dated:

9/9/2021

## COMPRESSION TEST REPORT

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

Specimens received on:

9/13/2021

Tested on:

10/1/2021

in dry/wet condition

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
Concrete Cement Tile			12	5180	144			
Concrete Cement Tile			12	5210	144			
Concrete Cement Tile			12	5160	144			
Concrete Cement Tile			12	5096	144			
Concrete Cement Tile			12	5212	144			
Concrete Cement Tile			12	5168	144			
Concrete Cement Tile			12	5124	144			
Concrete Cement Tile			12	5228	144			
Concrete Cement Tile			12	5136	144			
Concrete Cement Tile			12	5092	144			
Concrete Cement Tile			12	5142	144			
Concrete Cement Tile			12	5048	144			
					---			
					---			
					---			
					---			

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)

Specimens engraved on the specimens (if any)





**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
 University of Engineering and Technology, Lahore

**Phone Nos. 042-99029202, 042-99029217**

**Client:** Mr. Asif Nadeem Khawar, RE  
**Company:** Metroplan-Asian JV, Consulting Engineers, Talagang Road, Mianwali  
**Project:** Resident Construction Supervision for Establishment of Hospital and Nursing College, District Mianwali

Our Ref. No. CL/CED/ 6166 Dated: 10/20/2021

Your Ref. No. Metroplan Asian JV- Nexus-MMCH-RE-1027 Dated: 9/9/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 9/13/2021 Tested on: 10/14/2021 in dry/wet condition

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)								
Concrete Cement Tile Piece 1"x1"				1	45	1	2.1	4710	
Concrete Cement Tile Piece 1"x1"				1	40	1	1.5	3360	
Concrete Cement Tile Piece 1"x1"				1	45	1	1.6	3590	
Concrete Cement Tile Piece 1"x1"				1	35	1	1.08	2420	
Concrete Cement Tile Piece 1"x1"				1	40	1	2.86	6410	
Concrete Cement Tile Piece 1"x1"				1	40	1	1.44	3230	
Concrete Cement Tile Piece 1"x1"				1	35	1	1.87	4190	
Concrete Cement Tile Piece 1"x1"				1	40	1	2.24	5020	
Concrete Cement Tile Piece 1"x1"				1	40	1	1.3	2920	
Concrete Cement Tile Piece 1"x1"				1	45	1	1.1	2470	
Concrete Cement Tile Piece 1"x1"				1	40	1	1.73	3880	
Concrete Cement Tile Piece 1"x1"				1	40	1	1.75	3920	
						---			
						---			
						---			
						---			

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)

engraved on the specimens (if any)



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

188  
 Engr. Uba  
 : **Mr. Asif Nadeem Khawar, RE**  
**Metroplan-Asian JV, Consulting Engineers, Talagang Road, Mianwali**  
**Project: Resident Construction Supervision for Establishment of Hospital and Nursing College, District Mianwali**

Our Ref. No. CL/CED/ 6167 Dated: 10/20/2021

Your Ref. No. Metroplan Asian JV- Nexus-MMCH-RE-1028 Dated: 9/9/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 9/13/2021 Tested on: 10/14/2021 in dry/wet condition

Sl. 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)								
	White Chips Tile				1	40	1	1.83	4100	
	White Chips Tile				1	35	1	1.81	4060	
	White Chips Tile				1	45	1	1.67	3750	
	White Chips Tile				1	40	1	1.9	4260	
	White Chips Tile				1	35	1	1.81	4060	
	White Chips Tile				1	40	1	1.75	3920	
	Grey Chips Tile				1	45	1	1.92	4310	
	Grey Chips Tile				1	40	1	3.45	7730	
	Grey Chips Tile				1	40	1	2.95	6610	
0	Grey Chips Tile				1	45	1	1.63	3660	
1	Grey Chips Tile				1	35	1	3.35	7510	
2	Grey Chips Tile				1	40	1	1.56	3500	
3	Black Chips Tile					45	---	1.85	#VALUE!	
4	Black Chips Tile					40	---	2.54	#VALUE!	
5	Black Chips Tile					35	---	2.23	#VALUE!	
6	Black Chips Tile					35	---	1.76	#VALUE!	

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)

Specimens engraved on the specimens (if any)



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1882

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Client: **Mr. Asif Nadeem Khawar, RE**  
**Metroplan-Asian JV, Consulting Engineers, Talagang Road, Mianwali**  
**Project: Resident Construction Supervision for Establishment of Hospital and Nursing College, District Mianwali**

Our Ref. No. CL/CED/ 6168 Dated: 10/20/2021

Your Ref. No. Metroplan Asian JV- Nexus-MMCH-RE-1028 Dated: 9/9/2021

## COMPRESSION TEST REPORT

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

Specimens received on: 9/13/2021 Tested on: 10/14/2021 in dry/wet condition

Sl. 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	White Chips Tile				12	5296	144			
2	White Chips Tile				12	5416	144			
3	White Chips Tile				12	5368	144			
4	White Chips Tile				12	5378	144			
5	White Chips Tile				12	5419	144			
6	White Chips Tile				12	5280	144			
7	Grey Chips Tile				12	5368	144			
8	Grey Chips Tile				12	5479	144			
9	Grey Chips Tile				12	5438	144			
10	Grey Chips Tile				12	5372	144			
11	Grey Chips Tile				12	5295	144			
12	Grey Chips Tile				12	5308	144			
13	Black Chips Tile				12	5085	144			
14	Black Chips Tile				12	5186	144			
15	Black Chips Tile				12	5268	144			
16	Black Chips Tile				12	5277	144			

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)

Specimens engraved on the specimens (if any)

BS3921 requires average of ten clay brick samples for crushing strength and water absorption





# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

2084

Dr. Yousaf

To: **Sub Divisional Officer,**

**Farooqabad Link Sub Division, Farooqabad.**

**Project: Construction Of New Q.B Link Office Complex, Residences and Boundary Wall At farooqabad.**

Our Ref. No. CL/CED/

6169

Dated:

10/20/2021

Your Ref. No.

135/RO

Dated:

8/16/2021

## COMPRESSION TEST REPORT

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

Specimens received on:

10/13/2021

Tested on:

10/15/2021

in dry/wet condition

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)								
CUB-RH-LB	29	6	21	6x6x6	9	36	61	3800	Non Engraved
CUB-RH-LB	29	6	21	6x6x6	9	36	89	5540	Non Engraved
CUB-RH-LB	4	7	21	6x6x6	8.6	36	58	3610	Non Engraved
CUB-RH-LB	4	7	21	6x6x6	8.4	36	89	5540	Non Engraved
CUB-RES-15-17-FO	8	7	21	6x6x6	8.4	36	80	4980	Non Engraved
CUB-RES-15-17-FO	8	7	21	6x6x6	8.4	36	63	3920	Non Engraved
CUB-RES-11-14-FO	14	7	21	6x6x6	8.6	36	67	4170	Non Engraved
CUB-RES-11-14-FO	14	7	21	6x6x6	8.4	36	73	4550	Non Engraved
CUB-RES-18-19-FO	18	7	21	6x6x6	8.8	36	64	3990	Non Engraved
CUB-RES-18-19-FO	18	7	21	6x6x6	8.6	36	61	3800	Non Engraved







