



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1883

Dr. Umbreen

Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1)

Our Ref. No. CL/CED/

4991

Dated:

10/14/2021

Your Ref. No.

AEC/MBC/2021/111

Dated:

9/7/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/13/2021

Tested on:

10/11/2021

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
512-1A		4.4x4.3x2.9	1585	18.92	23	2730	
512-1B		4.5x4.3x2.9	1598	19.35	22	2550	
512-2C		4.5x4.4x2.9	1610	19.8	21	2380	
512-2D		4.5x4.4x2.9	1639	19.8	23	2610	
512-3E		4.4x4.3x2.8	1608	18.92	15	1780	
512-3F		4.5x4.3x2.8	1628	19.35	16	1860	
512-4H		4.5x4.4x2.9	1588	19.8	37	4190	
512-4G		4.4x4.4x2.9	1578	19.36	19	2200	
512-5I		4.5x4.3x3.0	1638	19.35	21	2440	
512-5J		4.4x4.3x3.0	1595	18.92	19	2250	

Results can also be seen on website 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

2000
Dr. Aqsa
Shabbir

Client: **Mr. Tahawar Owais, Manager Civil**
Casa Granda Ventures (Private) Limited
Project: **Construction of Apartment Building at 94-G Gulberg-III, Lahore.**

Our Ref. No. CL/CED/ 6092 Dated: 10/14/2021

Your Ref. No. Nil Dated: 9/29/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/30/2021 Tested on: 10/12/2021 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
	Month	Day	Year						
Nil	14	9	21	6Diax12	13.2	28.28	55	4360	Engraved
Nil	14	9	21	6Diax12	14.2	28.28	58	4600	Engraved
Nil	14	9	21	6Diax12	14	28.28	55	4360	Engraved
Nil	15	9	21	6Diax12	13.2	28.28	46	3650	Engraved
Nil	15	9	21	6Diax12	14.2	28.28	48	3810	Engraved
Nil	15	9	21	6Diax12	14.2	28.28	50	3960	Engraved



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1890

Dr. Umbreen

Client: Mr. Rameez Dilshad, age (Army) ,XEN

Pasrur Cantt.

Project: Construction of 8x JCOs Flats (G+3) at Pasrur Cantt.

Our Ref. No. CL/CED/

6093

Dated:

9/13/2021

Your Ref. No.

6050/12/E-6

Dated:

8/12/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/13/2021

Tested on:

10/11/2021

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
7UP		8.8x4.2x2.8	3140	36.96	37	2250	
7UP		8.7x4.3x2.7	3078	37.41	39	2340	
7UP		8.9x4.2x2.8	3092	37.38	33	1980	

Results can also be seen on website 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

2023
 Dr. Mazhar

At: **Mr. Takbeer Tower**
Mecload Road Lahore
Project: Nil

Our Ref. No. CL/CED/ 6094 Dated: 10/14/2021

Your Ref. No. Nil Dated: 10/4/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/4/2021 Tested on: 10/13/2021 in dry/wet condition

S. 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)								
	Nill	27	9	21	6Diax12	14.4	28.28	79	6260	Non Engraved
	Nill	27	9	21	6Diax12	14.4	28.28	39	3090	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

By: **Mr. Khalid Mahmood, Resident Engineer**
National Engineering Services Pakistan Pvt Ltd.

193
Dr. Mazhar

Project: Resident Construction Supervision for Establishment of Dera Ghazi Khan Institute of Cardiology

Our Ref. No. CL/CED/ 6095 Dated: 10/14/2021

Your Ref. No. 4161/RE/SFMKB/DGK/503 Dated: 9/18/2021

COMPRESSION TEST REPORT

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

Specimens received on: 9/21/2021 Tested on: 10/13/2021 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)								
	Main Building Ramp Columns	17	8	21	6Diax12	14	28.28	59	4680	Non Engraved
	Main Building Ramp Columns	17	8	21	6Diax12	14	28.28	69	5470	Non Engraved
	Main Building Ramp Columns	17	8	21	6Diax12	14	28.28	61	4840	Non Engraved
	Drain Bed Boundry Wall	7	8	21	6Diax12	13.4	28.28	65	5150	Non Engraved
	Drain Bed Boundry Wall	7	8	21	6Diax12	13.4	28.28	51	4040	Non Engraved
	Drain Bed Boundry Wall	7	8	21	6Diax12	14	28.28	65	5150	Non Engraved
	Main Building Ramp G F	4	8	21	6Diax12	13	28.28	57	4520	Non Engraved
	Main Building Ramp G F	4	8	21	6Diax12	13.4	28.28	49	3890	Non Engraved
	Main Building Ramp G F	4	8	21	6Diax12	13.4	28.28	77	6100	Non Engraved
	OPD Building Band Beams	6	8	21	6Diax12	13.4	28.28	67	5310	Non Engraved
	OPD Building Band Beams	6	8	21	6Diax12	13.8	28.28	61	4840	Non Engraved
	OPD Building Band Beams	6	8	21	6Diax12	13	28.28	41	3250	Non Engraved

Results can also be seen on website 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

2043

Dr. Aqsa

: **Manager Purchase**
Bismillah Housing Scheme II, Manawan Bank Stop, G.T. Road, Lahore
Project: Nill

Our Ref. No. CL/CED/ 6096 Dated: 10/14/2021

Your Ref. No. Nill Dated: 10/6/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/6/2021 Tested on: 10/12/2021 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)								
	Nill	31	8	21	6Diax12	13.8	28.28	44	3490	Engraved
	Nill	31	8	21	6Diax12	14.2	28.28	63	4990	Engraved
	Nill	31	8	21	6Diax12	13.8	28.28	49	3890	Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

s 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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

2043

Dr. Aqsa

Manager Purchase

Bismillah Housing Scheme II, Manawan Bank Stop, G.T. Road, Lahore

Project: Nill

Our Ref. No. CL/CED/

6097

Dated:

10/14/2021

Your Ref. No.

Nill

Dated:

10/6/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/6/2021

Tested on:

10/12/2021

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)								
Nill	28	9	21	6Diax12	14	28.28	35	2780	Non Engraved
Nill	28	9	21	6Diax12	13.8	28.28	36	2860	Non Engraved
Nill	28	9	21	6Diax12	14	28.28	40	3170	Non Engraved



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

2043
Dr. Aqsa

Manager Purchase
Bismillah Housing Scheme II, Manawan Bank Stop, G.T. Road, Lahore
Project: Nill

Our Ref. No. CL/CED/ 6098 Dated: 10/14/2021

Your Ref. No. Nill Dated: 10/6/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/6/2021 Tested on: 10/12/2021 in dry/wet condition

S. 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)								
	Nill	25	8	21	6Diax12	14	28.28	60	4760	Engraved
	Nill	25	8	21	6Diax12	13.8	28.28	53	4200	Engraved
	Nill	25	8	21	6Diax12	13.8	28.28	73	5790	Engraved

Results can also be seen on website 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

2006

Engr. Ubaid

Site Engineer

Allied Engineers, Engineers and Contractors

Project: Construction of School of Economics at university of The punjab Lahore

Our Ref. No. CL/CED/

6099

Dated:

10/14/2021

Your Ref. No.

AE/PU/ECONOMICS/2

Dated:

10/1/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/1/2021

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
ST		8.9x4.2x2.9	3240	37.38	40	2400	
ST		8.8x4.3x3.0	3390	37.84	44	2610	
ST		8.8x4.3x2.9	3262	37.84	46	2730	
ST		8.9x4.2x3.0	3318	37.38	44	2640	
ST		8.8x4.3x2.9	3268	37.84	42	2490	
ST		8.8x4.3x2.9	3168	37.84	42	2490	
ST		8.7x4.3x3.0	3224	37.41	46	2760	
ST		8.9x4.3x2.9	3190	38.27	42	2460	
ST		8.8x4.3x2.9	3240	37.84	48	2850	
ST		8.8x4.2x3.0	3178	36.96	42	2550	

Results can also be seen on website 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

2076
 Engr. Ubaid

By: **Mr. Ghulam Abbas**
 Construction Depot, 1-P, 1 KM, Defence off Raiwind Road, Bhubtian Chowk, Lahore
 Project: House No. 256/L6 Lake City Lahore.

Our Ref. No. CL/CED/ 6100 Dated: 10/14/2021
 Your Ref. No. Nill Dated: 10/11/2021

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

Sl. 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
	Hollow Brick		9.0x4.5x3.1	3535	26.04	44	3790	
	Hollow Brick		9.0x4.5x3.1	3480	26.04	42	3620	

Results can also be seen on website 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

1883

Dr. Umbreen

Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineering Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1)

Our Ref. No. CL/CED/

6101

Dated:

10/14/2021

Your Ref. No.

AEC/MBC/2021/111

Dated:

9/7/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/13/2021

Tested on:

10/11/2021

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
7UP-1A		4.5x4.3x3.0	1572	19.35	20	2320	
7UP-1B		4.4x4.3x3.0	1612	18.92	15	1780	
7UP-2C		4.5x4.3x3.0	1588	19.35	27	3130	
7UP-2D		4.4x4.3x3.0	1597	18.92	31	3670	
7UP-3E		4.5x4.3x2.9	1642	19.35	30	3480	
7UP-3F		4.5x4.3x2.9	1652	19.35	26	3010	
7UP-4H		4.5x4.3x3.1	1579	19.35	33	3820	
7UP-4G		4.4x4.3x3.1	1599	18.92	34	4030	
7UP-5I		4.5x4.3x2.9	1606	19.35	21	2440	
7UP-5J		4.5x4.3x2.9	1618	19.35	36	4170	

Results can also be seen on website 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

1907

Dr. Umbreen

By: **Sub Divisional Officer**

Buildings Sub Division, Nankana Sahib

Project: Baba Guru Nanak University at Nankana Sahib (Phase-I), ADP Scheme No. 254.

Our Ref. No. CL/CED/

6102

Dated:

10/14/2021

Your Ref. No.

No./66/SDO/BSO/NNS

Dated:

9/6/2021

COMPRESSION TEST REPORT

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

Specimens received on:

9/15/2021

Tested on:

10/4/2021

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
AD		8.8x4.3x2.7	3125	37.84	57	3380	
AD		8.7x4.3x2.8	3170	37.41	49	2940	
AD		8.7x4.3x2.9	3090	37.41	45	2700	
AD		8.8x4.3x2.8	3190	37.84	63	3730	
AD		8.8x4.3x2.9	3215	37.84	33	1960	
AD		8.7x4.3x2.8	3205	37.41	72	4320	
S1		8.8x4.3x2.9	3178	37.84	35	2080	
S1		8.9x4.3x3.0	3214	38.27	70	4100	
S1		8.8x4.3x2.9	3188	37.84	41	2430	
S1		8.8x4.3x2.9	3208	37.84	39	2310	
S1		8.9x4.3x3.0	3221	38.27	35	2050	
S1		8.8x4.3x2.9	3162	37.84	45	2670	

Results can also be seen on website 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