



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

788

Engr. Ubaid

To: **Mr. I.H. Zarrar**  
**Engineering Design Bureau, Lahore**  
**Project: Site # Padhar Camp Iftikharabad, Gujrat**

Our Ref. No. CL/CED/ 2360 Dated: 08-03-21

Your Ref. No. EDB/12 Dated: 08-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 04-03-21 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		3	11	2020	6Diax12	13	28.28	66	5230	Engraved
2		3	11	2020	6Diax12	13.2	28.28	48	3810	Engraved
3		3	11	2020	6Diax12	13.2	28.28	55	4360	Engraved
4		9	11	2020	6Diax12	13.6	28.28	70	5550	Engraved
5		9	11	2020	6Diax12	13	28.28	89	7050	Engraved
6		9	11	2020	6Diax12	13.4	28.28	73	5790	Engraved
7		13	11	2020	6Diax12	13	28.28	74	5870	Engraved
8		13	11	2020	6Diax12	13.2	28.28	83	6580	Engraved
9		13	11	2020	6Diax12	13	28.28	86	6820	Engraved
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](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" diax12" 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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788

Engr. Ubaid

**To: Mr. I.H. Zarrar**  
**Engineering Design Bureau, Lahore**  
**Project: Site # Head Marala, Sialkot**

Our Ref. No. CL/CED/ 2361 Dated: 08-03-21

Your Ref. No. EDB/13 Dated: 08-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 04-03-21 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		4	2	2021	6Diax12	13.4	28.28	67	5310	Engraved
2		4	2	2021	6Diax12	13.2	28.28	59	4680	Engraved
3		4	2	2021	6Diax12	13.2	28.28	64	5070	Engraved
4	Pile 1	30	12	2020	6Diax12	13.4	28.28	67	5310	Engraved
5	Pile 1	30	12	2020	6Diax12	13.4	28.28	73	5790	Engraved
6	Pile 1	30	12	2020	6Diax12	13.2	28.28	70	5550	Engraved
7	Pile 2	31	12	2020	6Diax12	13.2	28.28	58	4600	Engraved
8	Pile 2	31	12	2020	6Diax12	13.2	28.28	56	4440	Engraved
9	Pile 2	31	12	2020	6Diax12	13	28.28	39	3090	Engraved
10	Pile 3	1	1	2021	6Diax12	13.4	28.28	50	3960	Engraved
11	Pile 3	1	1	2021	6Diax12	13.4	28.28	69	5470	Engraved
12	Pile 3	1	1	2021	6Diax12	14.2	28.28	70	5550	Engraved
13	Pile 4	2	1	2021	6Diax12	13.4	28.28	79	6260	Engraved
14	Pile 4	2	1	2021	6Diax12	13.6	28.28	49	3890	Engraved
15	Pile 4	2	1	2021	6Diax12	13.4	28.28	72	5710	Engraved
16										

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)

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\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

\*\*\*\* ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

788

Engr. Ubaid

To: **Mr. I.H. Zarrar**  
**Engineering Design Bureau, Lahore**  
**Project: Site # Kundun Pur**

Our Ref. No. CL/CED/ 2362 Dated: 08-03-21

Your Ref. No. EDB/14 Dated: 08-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-21 Tested on: 04-03-21 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	Pile 1	15	12	2020	6Diax12	14	28.28	39	3090	Engraved
2	Pile 1	15	12	2020	6Diax12	14	28.28	37	2940	Engraved
3	Pile 1	15	12	2020	6Diax12	14	28.28	43	3410	Engraved
4	Pile 2 & 3	16	12	2020	6Diax12	14	28.28	51	4040	Engraved
5	Pile 2 & 3	16	12	2020	6Diax12	14.2	28.28	40	3170	Engraved
6	Pile 2 & 3	16	12	2020	6Diax12	14	28.28	58	4600	Engraved
7	Pile 4	17	12	2020	6Diax12	14	28.28	27	2140	Engraved
8	Pile 4	17	12	2020	6Diax12	14.2	28.28	27	2140	Engraved
9	Pile 4	17	12	2020	6Diax12	14.2	28.28	34	2700	Engraved
10	Beam & Pile Cap	23	12	2020	6Diax12	13.4	28.28	8	640	Engraved
11	Beam & Pile Cap	23	12	2020	6Diax12	13.8	28.28	88	6970	Engraved
12	Beam & Pile Cap	23	12	2020	6Diax12	13.4	28.28	91	7210	Engraved
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" diax12" 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

792

To: Engr. Bilal Yaqoob Virk (Assistant Executive Engineer-II)

Engr. A. Rehman

CCD, PAK. PWD. Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (SH: Establishment of Trainees Hostel)

Our Ref. No. CL/CED/

2363

Dated:

08-03-21

Your Ref. No.

AEE-II/CCD/GA/Work/  
NHMP/P-I/Lab/24

Dated:

19-02-21

## COMPRESSION TEST REPORT

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

Specimens received on:

02-03-21

Tested on:

03-03-21

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	Ground Floor Beam & Slab	20	1	2021	6x6x6	9	36	60	3740	Engraved
2	Ground Floor Beam & Slab	20	1	2021	6x6x6	8.6	36	50	3120	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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\* as engraved on the specimens (if any)

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\*\*\* 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

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supervisor(lab)

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793

Dr. M. Yousaf

**To: Mr. Muhammad Moosa (XEN)**  
**AGE (Air) Risalewala (M/s SAB Construction)**  
**Project: Construction of Fusing Shed at PAF Risalewala CA No.48/2020**

Our Ref. No. CL/CED/ 2364 Dated: 08-03-21

Your Ref. No. 6400-48/2020/E-6 Dated: 03-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 05-03-21 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		19	1	2021	6Diax12	14.2	28.28	54	4280	Non Engraved
2		19	1	2021	6Diax12	13.8	28.28	53	4200	Non Engraved
3		19	1	2021	6Diax12	13.4	28.28	52	4120	Non Engraved
4										
5										
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/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)

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

794

**To: Mr. Mustehson Ali Khan (Site Engineer)**  
**Flag Square Builder's, Etihad Town Raiwind Road, Lahore**  
**Project: Flag Square Builder's**

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2365 Dated: 08-03-21

Your Ref. No. PM/09 Dated: 01-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 05-03-21 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	GF Column (3000 Psi)	18	2	2021	6Diax12	14.4	28.28	36	2860	Non Engraved
2	GF Column (3000 Psi)	18	2	2021	6Diax12	13.8	28.28	27	2140	Non Engraved
3										
4										
5										
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)

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

798

**To: Consultant**  
**Takbeer Tower MeCleod Road, Lahore**  
**Project: Nil**

Engr. A. Rehman

Our Ref. No. CL/CED/ 2366 Dated: 08-03-21  
Your Ref. No. Nil Dated: 02-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 03-03-21 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		18	2	2021	6x6x6	8.6	36	65	4050	Non Engraved
2		18	2	2021	6x6x6	8.6	36	59	3680	Non Engraved
3										
4										
5										
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/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**





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

798

**To: Consultant**  
**Takbeer Tower MeCleod Road, Lahore**  
**Project: Nil**

Engr. A. Rehman

Our Ref. No. CL/CED/ 2367 Dated: 08-03-21

Your Ref. No. Nil Dated: 02-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 03-03-21 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		3	1	2021	6x6x6	9	36	55	3430	Non Engraved
2										
3										
4										
5										
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/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)

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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

798

**To: Consultant**  
**Takbeer Tower MeCleod Road, Lahore**  
**Project: Nil**

Engr. A. Rehman

Our Ref. No. CL/CED/ 2368 Dated: 08-03-21  
Your Ref. No. Nil Dated: 02-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 03-03-21 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
		1	2	3						
1		18	2	2021	6Diax12	14	28.28	35	2780	Non Engraved
2		18	2	2021	6Diax12	13.8	28.28	35	2780	Non Engraved
3										
4										
5										
6										
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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](http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6)

\* as engraved on the specimens (if any)

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**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

798

Engr. A. Rehman

To: **Consultant**  
**Takbeer Tower MeCleod Road, Lahore**  
**Project: Nil**

Our Ref. No. CL/CED/ 2369 Dated: 08-03-21

Your Ref. No. Nil Dated: 02-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 03-03-21 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		3	1	2021	6Diax12	14.2	28.28	19	1510	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
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11										
12										
13										
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16										

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)

\* as engraved on the specimens (if any)

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\*\*\* 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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**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

To: **Engr. Muhammad Akbar (CEO)**  
**NAM Associates, Lahore**  
**Project: MCB Bank Town Ship, Lahore**

799  
Dr. M. Yousaf

Our Ref. No. CL/CED/ 2370 Dated: 08-03-21  
Your Ref. No. NAM-424/11 Dated: 01-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 05-03-21 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		22	2	2021	6Diax12	14	28.28	39	3090	Non Engraved
2		22	2	2021	6Diax12	14	28.28	35	2780	Non Engraved
3		22	2	2021	6Diax12	14	28.28	46	3650	Non Engraved
4										
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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](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

795

To: **Sub Divisional Officer**

Engr. A. Rehman

**Public Health Engg: Sub Division, Raiwind (M/s Tayyab Associates)**

**Project: Construction of PCC, Sewerage / Nullah & Water Supply Lines in UC-105, UC-106, UC-109 & UC-110, Lahore**

Our Ref. No. CL/CED/ 2371-1 of 2 Dated: 08-03-21

Your Ref. No. 2094/R Dated: 02-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 05-03-21 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		5	10	2020	6x6x6	8.2	36	74	4610	Engraved
2		5	10	2020	6x6x6	8.6	36	110	6850	Engraved
3										
4										
5										
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/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**



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

795

To: **Sub Divisional Officer**

Engr. A. Rehman

**Public Health Engg: Sub Division, Raiwind (M/s Tayyab Associates)**

**Project: Construction of PCC, Sewerage / Nullah & Water Supply Lines in UC-111, UC-113 & UC-114, PP-161, Lahore**

Our Ref. No. CL/CED/ 2372 Dated: 08-03-21

Your Ref. No. 2095/R Dated: 02-11-20

## COMPRESSION TEST REPORT

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

Specimens received on: 02-03-21 Tested on: 05-03-21 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		22	1	2021	6x6x6	8.2	36	71	4420	Engraved
2		22	1	2021	6x6x6	8.6	36	72	4480	Engraved
3										
4										
5										
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/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**



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

801  
Engr. Ubaid

**To: Sub Divisional Officer**  
**Buildings Sub Division No.12, Lahore**  
**Project: Construction of Hostels for Students Alongwith Inter Connecting Bridge of Fatima Jinah Medical University Lahore (5th Floor Slab)**

Our Ref. No. CL/CED/ 2373 Dated: 08-03-21

Your Ref. No. 176/SDO12th Dated: 01-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 03-03-21 Tested on: 04-03-21 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	( 1 : 2 : 4 )	12	11	2020	6x6x6	8.6	36	73	4550	Non Engraved
2	( 1 : 2 : 4 )	12	11	2020	6x6x6	8.4	36	102	6350	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
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15										
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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**



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

803

Dr. M. Yousaf

**To: Project Manager**  
**Ahmed Construction Company, Lahore**  
**Project: Slab (3000 Psi)**

Our Ref. No. CL/CED/ 2374 Dated: 08-03-21

Your Ref. No. ACCO/TTPL/005 Dated: 03-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 03-03-21 Tested on: 05-03-21 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		18	2	2021	6Diax12	13	28.28	33	2620	Non Engraved
2		18	2	2021	6Diax12	13.2	28.28	43	3410	Non Engraved
3		18	2	2021	6Diax12	13.4	28.28	47	3730	Non Engraved
4										
5										
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/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"diax12" 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

804

Dr. M. Yousaf

**To: Executive Engineer (EHV-I)****National Transmission and Dispatch Company, Lahore****Project: Procurement of Plant-Design, Supply, Installation, Testing and Commissioning of Extension at 500kv Sahiwal Substation Under ADB Loan No.3419-Pak:MFF Second Power Transmission Enhancement Program\_Tranch 1**

Our Ref. No. CL/CED/ 2375 Dated: 08-03-21

Your Ref. No. 486-91/XEN/EH/WG-235 Dated: 02-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 03-03-21 Tested on: 05-03-21 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	Firewall 1st Step (14)	9	2	2021	6Diax12	13.8	28.28	70	5550	Non Engraved
2	Firewall 1st Step (14)	9	2	2021	6Diax12	13.4	28.28	68	5390	Non Engraved
3	Firewall 1st Step (28)	9	2	2021	6Diax12	13.4	28.28	70	5550	Non Engraved
4	Firewall 1st Step (28)	9	2	2021	6Diax12	13.4	28.28	69	5470	Non Engraved
5	Firewall 2nd Step (28)	10	2	2021	6Diax12	13.4	28.28	71	5630	Non Engraved
6	Firewall 2nd Step (28)	10	2	2021	6Diax12	13.4	28.28	67	5310	Non Engraved
7	Firewall 2nd Step (14)	10	2	2021	6Diax12	13.4	28.28	64	5070	Non Engraved
8	Firewall 2nd Step (14)	10	2	2021	6Diax12	13.2	28.28	70	5550	Non Engraved
9	Firewall 3rd Step (14)	11	2	2021	6Diax12	13	28.28	63	4990	Non Engraved
10	Firewall 3rd Step (14)	11	2	2021	6Diax12	13.4	28.28	66	5230	Non Engraved
11	Firewall 3rd Step (28)	11	2	2021	6Diax12	13.2	28.28	66	5230	Non Engraved
12	Firewall 3rd Step (28)	11	2	2021	6Diax12	13.4	28.28	75	5950	Non Engraved
13	Firewall 4th Step (28)	12	2	2021	6Diax12	13.4	28.28	69	5470	Engraved
14	Firewall 4th Step (28)	12	2	2021	6Diax12	13.2	28.28	70	5550	Engraved
15	Firewall 4th Step (14)	12	2	2021	6Diax12	13.4	28.28	62	4920	Engraved
16	Firewall 4th Step (14)	12	2	2021	6Diax12	13.4	28.28	63	4990	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)

\* 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"diax12" 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

749  
Dr. Mazar

To: **Mr. Mohsin Raza (Material Engineer)**  
**CGICOP**  
**Project: Nil**

Our Ref. No. CL/CED/ 2376 Dated: 08-03-21

Your Ref. No. CGICOP-DASU-PCI-01R/QC-041 Dated: 24-02-21

## COMPRESSION TEST REPORT

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

Specimens received on: 03-03-21 Tested on: 05-03-21 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		14	2	2021	6Diax12	14	28.28	69	5470	Engraved
2		14	2	2021	6Diax12	14	28.28	77	6100	Engraved
3		14	2	2021	6Diax12	14	28.28	88	6970	Engraved
4										
5										
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/departament?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departament?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" diax12" 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

806

To: **Mr. Muhammad Tufail (Construction Team Leader)**  
**Zor Engineers (Pvt.) Ltd.**

Dr. M. Yousaf

**Project: National Church of Pakistan Christian Hospital-Bahar Colony, Lahore (Footing)**

Our Ref. No. CL/CED/ 2377 Dated: 08-03-21

Your Ref. No. 230.36.1/MT/2 Dated: 03-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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	A	10	2	2021	6x6x6	9	36	17	1060	Engraved
2	B	24	2	2021	6x6x6	8.9	36	38	2370	Engraved
3										
4										
5										
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/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**



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

807

To: **Mr. Muhammad Tufail (Construction Team Leader)**  
**Zor Engineers (Pvt.) Ltd.**

Dr. M. Yousaf

**Project: Dean Public School-Youhannabad, Lahore (Groud Floor Roof Slab)**

Our Ref. No. CL/CED/ 2378 Dated: 08-03-21

Your Ref. No. 222.16.1/MT/2 Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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	A	26	2	2021	6x6x6	9	36	60	3740	Engraved
2										
3										
4										
5										
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/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**



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

808

Dr. M. Yousaf

**To: Mr. Muhammad Azeem (Operation Manager)**  
**Amer Adnan Associates, Lahore**  
**Project: Hotel Building at 24-A Block E/2 at Gulberg III, Lahore**

Our Ref. No. CL/CED/ 2379 Dated: 08-03-21

Your Ref. No. AAA/24A/0027 Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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	5000 Psi	24	2	2021	6Diax12	13.8	28.28	68	5390	Non Engraved
2	5000 Psi	24	2	2021	6Diax12	14	28.28	77	6100	Non Engraved
3	5000 Psi	24	2	2021	6Diax12	13.6	28.28	73	5790	Non Engraved
4										
5										
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/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"diax12" 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

811

To: **Mr. Umar Nisar (Project Engineer)**

Dr. M. Yousaf

**Rana Associates Engineers & Contractors (Sky High Builder's)**

**Project: Izmir Executive Shopping Mall & Apartments (G.F Slab 2), (Strong Ready Mix)**

Our Ref. No. CL/CED/ 2380 Dated: 08-03-21

Your Ref. No. IZMIR/011 Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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
		1	2	3						
1	3000 Psi	21	2	2021	6Diax12	13.8	28.28	48	3810	Engraved
2	3000 Psi	21	2	2021	6Diax12	13.8	28.28	45	3570	Engraved
3										
4										
5										
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/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**



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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Lagyana Schools for (TCF), Kasur**

Our Ref. No. CL/CED/ 2381 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		29	12	2020	6x6x6	8.8	36	92	5730	Engraved
2		29	12	2020	6x6x6	8.8	36	82	5110	Engraved
3										
4										
5										
6										
7										
8										
9										
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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**





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

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Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Patto Kahna Schools for (TCF), Kasur**

Our Ref. No. CL/CED/ 2382 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		23	12	2020	6x6x6	8.6	36	70	4360	Engraved
2		23	12	2020	6x6x6	8.4	36	62	3860	Engraved
3										
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\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Budai ky School for (TCF), Kasur**

Our Ref. No. CL/CED/ 2383 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		23	12	2020	6x6x6	8.8	36	86	5360	Engraved
2		23	12	2020	6x6x6	9	36	84	5230	Engraved
3										
4										
5										
6										
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\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Noorpur Jattan School for (TCF), Kasur**

Our Ref. No. CL/CED/ 2384 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		22	12	2020	6x6x6	8.8	36	53	3300	Non Engraved
2		22	12	2020	6x6x6	8.8	36	51	3180	Non Engraved
3										
4										
5										
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\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Tibba Khara School for (TCF), Kasur**

Our Ref. No. CL/CED/ 2385 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		19	12	2020	6x6x6	8.4	36	55	3430	Non Engraved
2		19	12	2020	6x6x6	8.4	36	72	4480	Non Engraved
3										
4										
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\* as engraved on the specimens (if any)

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\*\*\*\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP School M-C-Khara for (TCF), Kasur**

Our Ref. No. CL/CED/ 2386 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		26	12	2020	6x6x6	8.6	36	106	6600	Non Engraved
2		26	12	2020	6x6x6	9	36	107	6660	Non Engraved
3										
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\* as engraved on the specimens (if any)

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\*\*\*\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP School for (TCF), Kasur**

Our Ref. No. CL/CED/ 2387 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		25	12	2020	6x6x6	9	36	116	7220	Non Engraved
2		25	12	2020	6x6x6	9	36	126	7840	Non Engraved
3										
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\* as engraved on the specimens (if any)

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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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP School Qazi Wala, for (TCF), Kasur**

Our Ref. No. CL/CED/ 2388 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		26	12	2020	6x6x6	8.4	36	58	3610	Non Engraved
2		26	12	2020	6x6x6	8.4	36	73	4550	Non Engraved
3										
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\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Gaddo Ki School for (TCF), Kasur**

Our Ref. No. CL/CED/ 2389 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		2	1	2021	6x6x6	9	36	84	5230	Engraved
2		2	1	2021	6x6x6	8.8	36	84	5230	Engraved
3										
4										
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\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Nai Basti Baghbanpura School for (TCF), Kasur**

Our Ref. No. CL/CED/ 2390 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		2	1	2021	6x6x6	8.6	36	77	4800	Engraved
2		2	1	2021	6x6x6	8.4	36	88	5480	Engraved
3										
4										
5										
6										
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\* 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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP School Attari Virk, Kasur**

Our Ref. No. CL/CED/ 2391 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		20	12	2020	6x6x6	9	36	110	6850	Engraved
2		20	12	2020	6x6x6	8.8	36	112	6970	Engraved
3										
4										
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12										
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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**



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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Tibba Mainwall Schools for TCF, Kasur**

Our Ref. No. CL/CED/ 2392 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		21	12	2020	6x6x6	8.6	36	58	3610	Engraved
2		21	12	2020	6x6x6	8.6	36	70	4360	Engraved
3										
4										
5										
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\* 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

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Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Achal Ky Schools for TCF, Kasur**

Our Ref. No. CL/CED/ 2393 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		24	12	2020	6x6x6	8.8	36	94	5850	Engraved
2		24	12	2020	6x6x6	8.8	36	108	6720	Engraved
3										
4										
5										
6										
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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**



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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Schools for TCF, Kasur**

Our Ref. No. CL/CED/ 2394 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		29	12	2020	6x6x6	8.8	36	88	5480	Non Engraved
2		29	12	2020	6x6x6	9	36	87	5420	Non Engraved
3										
4										
5										
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/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

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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

814

Dr. M. Yousaf

**To: M/s Best Builders**  
**Model Town, Lahore**  
**Project: GSP Martian Schools for TCF, Kasur**

Our Ref. No. CL/CED/ 2395 Dated: 08-03-21

Your Ref. No. Nil Dated: 04-03-21

## COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 05-03-21 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		29	12	2020	6x6x6	8.8	36	115	7160	Engraved
2		29	12	2020	6x6x6	8.6	36	98	6100	Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**