



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

603

To: **Sub Divisional Officer (Buildings)**

Dr. Mazhar Saleem

Sub Division Ferozewala

Project: Construction of Punjab Judicial Academy at Kala Shah Kaku, Lahore (ADP No.3272/2020-21)

Phase-II Group No: 2

Our Ref. No. CL/CED/ 1992 Dated: 09-02-21

Your Ref. No. 890 Dated: 01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 04-02-21 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	RCC Columns (1 : 1.1 : 2.3)	1	1	2021	6x6x6	9.4	36	118	7350	Engraved
2	RCC Columns (1 : 1.1 : 2.3)	1	1	2021	6x6x6	9	36	110	6850	Engraved
3	RCC Columns (1 : 1.1 : 2.3)	1	1	2021	6x6x6	9	36	108	6720	Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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

**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients). The test results are recommended to be interpreted in the light of above factors by the engineer.

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

603

To: Sub Divisional Officer (Buildings)

Dr. Mazhar Saleem

Sub Division Ferozewala

Project: Construction of Punjab Judicial Academy at Kala Shah Kaku, Lahore (ADP No.3272/2020-21)

Phase-II Group No: 2

Our Ref. No. CL/CED/

1993

Dated:

09-02-21

Your Ref. No.

892

Dated:

01-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 04-02-21 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	RCC Footing (1 : 2 : 4)	29	12	2020	6x6x6	9	36	88	5480	Engraved
2	RCC Footing (1 : 2 : 4)	29	12	2020	6x6x6	9.2	36	112	6970	Engraved
3	RCC Footing (1 : 2 : 4)	29	12	2020	6x6x6	9.1	36	120	7470	Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

606

To: **Major Munazzam Sajjad (Head of Administration)**
Imran Construction Company, Multan
Project: Naubahar Bottling Company (Pvt.) Ltd. Gujranwala

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 1994 Dated: 09-02-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 04-02-21 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	Wall W-4	30	12	2020	6x6x6	9	36	98	6100	Non Engraved
2	Wall W-4	30	12	2020	6x6x6	9	36	106	6600	Non Engraved
3	Wall W-4	30	12	2020	6x6x6	9	36	104	6480	Non Engraved
4	Filter Feed Foundation	21	1	2021	6x6x6	9	36	69	4300	Non Engraved
5	Filter Feed Foundation	21	1	2021	6x6x6	9	36	59	3680	Non Engraved
6	Filter Feed Foundation	21	1	2021	6x6x6	9	36	67	4170	Non Engraved
7	Wall W-2	23	1	2021	6x6x6	9	36	90	5600	Non Engraved
8	Wall W-2	23	1	2021	6x6x6	9	36	73	4550	Non Engraved
9	Wall W-2	23	1	2021	6x6x6	9	36	79	4920	Non Engraved
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11										
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16										

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Phone Nos. 042-99029202, 042-99029217

607

To: **Mr. Zeeshan Sab**

Dr. Mazhar Saleem

Stallion Pharmaceuticals (Pvt.) Ltd. Lahore

Project: Head Office Stallion Pharma Plot # 187/5 Phase 8 DHA Cantt. Lahore

Our Ref. No. CL/CED/ 1995 Dated: 09-02-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 04-02-21 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	M/F Slam	20	12	2020	6Diax12	14	28.28	83	6580	Non Engraved
2	M/F Slam	20	12	2020	6Diax12	14.2	28.28	57	4520	Non Engraved
3	M/F Slam	20	12	2020	6Diax12	14	28.28	86	6820	Non Engraved
4	1st Floor Slab	7	1	2021	6Diax12	14.2	28.28	75	5950	Non Engraved
5	1st Floor Slab	7	1	2021	6Diax12	14.1	28.28	59	4680	Non Engraved
6	1st Floor Slab	7	1	2021	6Diax12	14.6	28.28	81	6420	Non Engraved
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14										
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16										

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Phone Nos. 042-99029202, 042-99029217

610

To: Mr. Muhammad Saleem (GM)

Dr. Mazhar Saleem

Professional Construction Services (Pvt.) Lahore

Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (First Floor Columns & Lift Wall at Grid A~K/1~7)

Our Ref. No. CL/CED/

1996

Dated:

09-02-21

Your Ref. No.

PCS/2021/Eng-20

Dated:

03-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

03-02-21

Tested on:

08-02-21

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	(1 : 1.5 : 3)	13	1	2021	6Diax12	14	28.28	86	6820	Non Engraved
2	(1 : 1.5 : 3)	13	1	2021	6Diax12	14.6	28.28	83	6580	Non Engraved
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4										
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Phone Nos. 042-99029202, 042-99029217

610

To: Mr. Muhammad Saleem (GM)

Dr. Mazhar Saleem

Professional Construction Services (Pvt.) Lahore

Project: Construction of Allied Bank Limited DHA Phase 8c Ex Park View Lahore (Mezzanine Slab at Grid A~K/1~7)

Our Ref. No. CL/CED/

1997

Dated:

09-02-21

Your Ref. No.

PCS/2021/Eng-21

Dated:

03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 08-02-21 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	(1 : 2 : 4)	21	12	2020	6Diax12	14.6	28.28	90	7130	Non Engraved
2	(1 : 2 : 4)	21	12	2020	6Diax12	14	28.28	79	6260	Non Engraved
3										
4										
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612

To: **Mr. Naveed Abbas (Site Engineer)**
Ittefaq Construction Associates, Lahore

Dr. Mazhar Saleem

Project: Construction of Commercial Building, Plot # 330, Block-G/3 Johar Town, Lahore

Our Ref. No. CL/CED/ 1998 Dated: 09-02-21

Your Ref. No. ICA/330G3 Dated: 03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 04-02-21 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	3000 Psi	3	1	2021	6Diax12	14	28.28	63	4990	Non Engraved
2										
3										
4										
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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

612

To: **Mr. Naveed Abbas (Site Engineer)**
Ittefaq Construction Associates, Lahore

Dr. Mazhar Saleem

Project: Construction of Commercial Building, Plot # 330, Block-G/3 Johar Town, Lahore

Our Ref. No. CL/CED/ 1999 Dated: 09-02-21

Your Ref. No. ICA/330G3/05 Dated: 03-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 04-02-21 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	3000 Psi	5	1	2021	6Diax12	14	28.28	57	4520	Non Engraved
2										
3										
4										
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

613

To: **Mr. Akhtar Hussain (CEO Fatima Enterprises)**

Dr. Mazhar Saleem

Fatima Enterprises, Faisalabad

Project: Construction of Daewoo Terminal Khan-e-wal

Our Ref. No. CL/CED/ 2000 Dated: 09-02-21

Your Ref. No. Nil Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-21 Tested on: 08-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	Rectangular Grey		7.8x3.8x3.1	3699	29.64	108	8170	
2	Rectangular Grey		7.8x3.8x3.1	3631	29.64	124	9380	
3	Rectangular Grey		7.8x3.8x3.1	3628	29.64	108	8170	
4	Rectangular Grey		7.8x3.8x3.1	3806	29.64	126	9530	
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Department of Civil Engineering
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599

Engr. Ubaid

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2001 Dated: 09-02-21

Your Ref. No. IHPL/Con/37 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-21 Tested on: 03-02-21 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	4000 Psi	21	1	2021	6Diax12	14.4	28.28	59	4680	Non Engraved
2	4000 Psi	21	1	2021	6Diax12	14	28.28	47	3730	Non Engraved
3	4000 Psi	21	1	2021	6Diax12	14	28.28	57	4520	Non Engraved
4										
5										
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599

Engr. Ubaid

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2002 Dated: 09-02-21

Your Ref. No. IHPL/Con/41 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-21 Tested on: 03-02-21 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	4000 Psi	26	1	2021	6Diax12	14	28.28	39	3090	Non Engraved
2	4000 Psi	26	1	2021	6Diax12	14	28.28	41	3250	Non Engraved
3	4000 Psi	26	1	2021	6Diax12	14	28.28	41	3250	Non Engraved
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599

Engr. Ubaid

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2003 Dated: 09-02-21

Your Ref. No. IHPL/Con/51 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-21 Tested on: 03-02-21 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	8000 Psi	26	1	2021	6Diax12	14.2	28.28	102	8080	Non Engraved
2	8000 Psi	26	1	2021	6Diax12	14	28.28	49	3890	Non Engraved
3	8000 Psi	26	1	2021	6Diax12	13.8	28.28	49	3890	Non Engraved
4										
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

599

Engr. Ubaid

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2004 Dated: 09-02-21

Your Ref. No. IHPL/Con/43 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-21 Tested on: 03-02-21 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	4000 Psi	6	1	2021	6Diax12	14	28.28	81	6420	Non Engraved
2	4000 Psi	6	1	2021	6Diax12	13.8	28.28	86	6820	Non Engraved
3	4000 Psi	6	1	2021	6Diax12	14	28.28	75	5950	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

599

Engr. Ubaid

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2005 Dated: 09-02-21

Your Ref. No. IHPL/Con/52 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-21 Tested on: 03-02-21 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	8000 Psi	6	1	2021	6Diax12	14	28.28	89	7050	Non Engraved
2	8000 Psi	6	1	2021	6Diax12	13.4	28.28	75	5950	Non Engraved
3	8000 Psi	6	1	2021	6Diax12	13.8	28.28	91	7210	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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

625

Dr. Mazhar Saleem

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2006 Dated: 09-02-21

Your Ref. No. IHPL/Con/44 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	4000 Psi	7	1	2021	6Diax12	13.6	28.28	75	5950	Non Engraved
2	4000 Psi	7	1	2021	6Diax12	13.6	28.28	75	5950	Non Engraved
3	4000 Psi	7	1	2021	6Diax12	14.4	28.28	73	5790	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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

625

To: Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2007 Dated: 09-02-21

Your Ref. No. IHPL/Con/42 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-02-21 Tested on: 08-02-21 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	4000 Psi	27	1	2021	6Diax12	14	28.28	35	2780	Non Engraved
2	4000 Psi	27	1	2021	6Diax12	13.2	28.28	37	2940	Non Engraved
3	4000 Psi	27	1	2021	6Diax12	13.2	28.28	35	2780	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

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

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

**** ACI318-08 requires mean of two sample (6"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