



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan

Landline: 042-99029245 & 042-99029202

Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

1990

Dr.Qasim Shaukat

To: Mr. Waseemullah Chaudhary (Director Marketing)
M/s Bluestone Lahore.

Project: Construction of Commercial Plaza 153-CCA DHA Phase 6 Lahore

Our Ref. No. CL/CED/ 5071

Dated: 04-10-21

Test Specification

Your Ref. No. Nil

Dated: 29-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29-09-21 Tested on: 01-10-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Retaining Wal (1:2:4)	10	8	2021	6Diax12	---	14.2	28.28	80	6337	---	Non Engraved
2	Retaining Wal (1:2:4)	10	8	2021	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
3	Retaining Wal (1:2:4)	10	8	2021	6Diax12	---	14.2	28.28	75	5941	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * 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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

1890
Dr.M.Yousaf

To: Mr. Rameez Dilshad
AGE (Army) Pasur

Project: CA No. CEA-CZ-52/2021- Const of 8xJCOs Flats (G+3) at Pasur Cantt

Our Ref. No. CL/CED/ 5072

Dated: 04-10-21

Test Specification

Your Ref. No. No.6050/12/E-6

Dated: 27-08-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13-09-21 Tested on: 01-10-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	25	6	2021	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	---	25	6	2021	6Diax12	---	13	28.28	35	2772	---	Non Engraved
3	---	25	6	2021	6Diax12	---	13.2	28.28	33	2614	---	Non Engraved
4	---	25	6	2021	6Diax12	---	13	28.28	58	4594	---	Engraved
5	---	25	6	2021	6Diax12	---	13.2	28.28	41	3248	---	Engraved
6	---	25	6	2021	6Diax12	---	13	28.28	45	3564	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

- * 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

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ORIGINAL

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1902

Dr.M.Yousaf

To: Mr.Munir Ahmed Ansari (Admin Manager)
The Signatures, Lahore. (M/s Faisal Associates)

Project: MCB-Qaboola Branch, Bahawalnagar

Our Ref. No. CL/CED/ 5073

Dated: 04-10-21

Test Specification

Your Ref. No. Nil

Dated: 14-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 14-09-21 Tested on: 01-10-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	12	7	2021	6Diax12	---	13.4	28.28	36	2851	---	Engraved
2	---	12	7	2021	6Diax12	---	13.2	28.28	45	3564	---	Engraved
3	---	12	7	2021	6Diax12	---	13.8	28.28	33	2614	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports/>

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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1975

Dr.Mazar Saleem

To: Mr. Aqeel Haider
M/s Tag Gasoline Habibabad

Project: Nil

Our Ref. No. CL/CED/ 5074

Dated: 04-10-21

Test Specification

Your Ref. No. Nil

Dated: 27-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 27-09-21 Tested on: 29-09-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	21	9	2021	6Diax12	---	14	28.28	42	3327	---	Engraved
2	---	21	9	2021	6Diax12	---	13.8	28.28	47	3723	---	Engraved
3	---	21	9	2021	6Diax12	---	14	28.28	35	2772	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

1974
Dr. Mazar Saleem

To: M/s M. Saleem Construction Company
Lahore/

Project: Nil

Our Ref. No. CL/CED/ 5075

Dated: 04-10-21

Test Specification

Your Ref. No. Nil

Dated: 27-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: Tested on: in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	---	20	9	2021	6Diax12	---	14	28.28	55	4356	---	Engraved
2	---	20	9	2021	6Diax12	---	14	28.28	51	4040	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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ORIGINAL
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1991
Dr. Qasim Shaukat

To: M/s Tetra Engineering (pvt.) Ltd.
Lahore. (M/s United Life Style)

Project: Sky Scraper

Our Ref. No. CL/CED/ 5076

Dated: 04-10-21

Test Specification

Your Ref. No. Nil

Dated: 29-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 29-09-21 Tested on: 01-10-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	(4000) Psi	1	9	2021	6Diax12	---	15	28.28	58	4594	---	Non Engraved
2	(4000) Psi	1	9	2021	6Diax12	---	14.2	28.28	57	4515	---	Non Engraved
3	(4000) Psi	1	9	2021	6Diax12	---	14.2	28.28	59	4673	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Mobile: 0307-0496895

ORIGINAL

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1998

Engr.Ubaid

To: Mr. Mashhood Ahmad
H.No. 7-A, Link Allaudin Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5077

Dated: 04-10-21

Test Specification

Your Ref. No. Nil

Dated: 29-09-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 29-09-21 Tested on: 30-10-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Solid Block	---	---	---	11.9x5.8x8.0	---	17	69.02	16	519	---	---
2	Solid Block	---	---	---	11.9x5.8x8.0	---	18	69.02	25	811	---	---
3	Solid Block	---	---	---	11.9x5.8x8.0	---	18	69.02	17.5	568	---	---
4	Solid Block	---	---	---	11.9x3.9x8.0	---	12	46.41	10	483	---	---
5	Solid Block	---	---	---	11.9x3.9x8.0	---	13	46.41	27	1303	---	---
6	Solid Block	---	---	---	11.9x3.9x8.0	---	13	46.41	17.5	845	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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ORIGINAL
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1940
Dr.M. Yousaf

To: Mr.M.Khalid Zaman (Resident Engineer)
M/s Engineering Consultancy Services Punjab (pvt.) Ltd. (M/s KSB Pumps Pvt.Ltd.)
Project: Supply, Construction, Installation, and O & M of Surface Water Treatment Plant at Rural Area Okara, Sahiwal
Our Ref. No. CL/CED/ 5078 Dated: 04-10-21 Test Specification
Your Ref. No. ECSP/PAPA/CZ-RN-09 Dated: 20-09-21 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21-09-21 Tested on: 01-10-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Chak 28/1AL (1:2:4)	11	9	21	6Diax12	---	14	28.28	50	3960	---	Non Engraved
2	Chak 28/1AL (1:2:4)	11	9	21	6Diax12	---	13	28.28	49	3881	---	Non Engraved
3	Chak 28/1AL (1:2:4)	11	9	21	6Diax12	---	13.2	28.28	39	3089	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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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"diax12" cylinder) strength at 28 days as compressive strength

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

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- 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

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

1940
Dr.M. Yousaf

To: Mr.M.Khalid Zaman (Resident Engineer)
M/s Engineering Consultancy Services Punjab (pvt.) Ltd. (M/s KSB Pumps Pvt.Ltd.)
Project: Supply, Construction, Installation, and O & M of Surface Water Treatment Plant at Rural Area Okara, Sahiwal
Our Ref. No. CL/CED/ 5079 Dated: 04-10-21 Test Specification
Your Ref. No. ECSP/PAPA/CZ-RN-10 Dated: 20-09-21 (ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 21-09-21 Tested on: 01-10-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Chak 25/1AL (1:2:4)	13	9	21	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	Chak 25/1AL (1:2:4)	13	9	21	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
3	Chak 25/1AL (1:2:4)	13	9	21	6Diax12	---	13.2	28.28	46	3644	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan

Landline: 042-99029245 & 042-99029202

Mobile: 0307-0496895

ORIGINAL

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1872

Engr. Ubaid

To: Mr. Ajmad Pervaiz (Asst. Executive Engineer, Civil)
KBCMA, CVAS Narowal (M/s Sh. Iqbal Akhtar & Co)

Project: Construction of Academic Block at College of Veterinary & Animal Sciences Narowal.

Our Ref. No. CL/CED/ 5080

Dated: 04-10-21

Test Specification

Your Ref. No. A.E.E./NC/15

Dated: 02-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10-09-21 Tested on: 30-09-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Column Upto Plinth	13	9	21	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	Column Upto Plinth	13	9	21	6Diax12	---	13.6	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * 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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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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan

Landline: 042-99029245 & 042-99029202

Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

1872

Engr. Ubaid

To: Mr. Ajmad Pervaiz (Asst. Executive Engineer, Civil)
KBCMA, CVAS Narowal (M/s Sh. Iqbal Akhtar & Co)

Project: Construction of Academic Block at College of Veterinary & Animal Sciences Narowal.

Our Ref. No. CL/CED/ 5081

Dated: 04-10-21

Test Specification

Your Ref. No. A.E.E./NC/14

Dated: 02-09-21

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 10-09-21 Tested on: 30-09-21 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Raft South East Location	19	7	21	6Diax12	---	13	28.28	52	4119	---	Engraved
2	RCC Raft South East Location	19	7	21	6Diax12	---	13	28.28	52	4119	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

1981
 Dr. Mazar Saleem

To: M/s Highway Construction
 Lahore.

Project: Nil

Our Ref. No. CL/CED/ 5082

Dated: 04-10-21

Test Specification

Your Ref. No. Nil

Dated: 27-09-21

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **28-09-21** Tested on: **29-09-21** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2825	29.64	98	7406	---	---
2	Rectangular Grey	---	---	---	7.8x3.8x2.3	---	2975	29.64	98	7406	---	---
3	Rectangular Red	---	---	---	7.8x3.8x2.3	---	2745	29.64	83	6273	---	---
4	Rectangular Red	---	---	---	7.8x3.8x2.3	---	2775	29.64	55	4157	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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Director/Dy. Director Concrete Laboratory