



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.

4599
 Dr. M.Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, BANU MUKHTAR Contracting (Pvt.) Ltd.

Project: Burj-1 by AJWA BUILDERS

Our Ref. No. CL/CED/ 967

Dated: 20/1/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/041

Dated: 17/1/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/1/2023 Tested on: 20/1/2023 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	(6000 Psi)	19	12	2022	6Diax12	---	13.6	28.28	104	8238	---	Non Engraved
2	(6000 Psi)	19	12	2022	6Diax12	---	13.6	28.28	90	7129	---	Non Engraved
3	(6000 Psi)	19	12	2022	6Diax12	---	13.4	28.28	98	7762	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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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ORIGINAL
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4618
 Dr. M. Yousaf

To: Mr. Khalid Bashir
 for ITTEFAQ BUILDING SOLUTIONS (PVT) LTD.

Project: Atif Plaza, Lawrance Road, Lahore

Our Ref. No. CL/CED/ 968

Dated: 20/1/2023

Test Specification

Your Ref. No. IBS/AL/CT-04

Dated: 19/1/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 19/1/2023 **Tested on:** 20/1/2023 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	1st Floor Slab (3000 Psi)	15	12	2022	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
2	1st Floor Slab (3000 Psi)	15	12	2022	6Diax12	---	13.8	28.28	46	3644	---	Non Engraved
3	1st Floor Slab (3000 Psi)	15	12	2022	6Diax12	---	13	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

- 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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Director/Dy. Director Concrete Laboratory



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4618
 Dr. M. Yousaf

To: Mr. Khalid Bashir
 for ITTEFAQ BUILDING SOLUTIONS (PVT) LTD.

Project: Atif Plaza, Lawrance Road, Lahore

Our Ref. No. CL/CED/ 969

Dated: 20/1/2023

Test Specification

Your Ref. No. IBS/AL/CT-05

Dated: 19/1/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 19/1/2023 **Tested on:** 20/1/2023 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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12	---	13	28.28	36	2851	---	Non Engraved
2	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12	---	13.4	28.28	35	2772	---	Non Engraved
3	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12	---	13	28.28	28	2218	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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4595
 Dr. M. Yousaf

To: Mr. Sajid Hussain Bangash
 Resident Engineer, University of Chakwal (Balkasar Campus) for AEC Consultants (Pvt) Ltd

Project: Construction of Girls Hostel First Floor Slab, Engineering University of Chakwal

Our Ref. No. CL/CED/ 970

Dated: 20/1/2023

Test Specification

Your Ref. No. AEC/UOC/2023/032

Dated: 17/1/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 17/1/2023 **Tested on:** 20/1/2023 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	First Floor Slab (1:2:4)	21	12	2022	6x6x6	---	8	36	42	2613	---	Non Engraved
2	First Floor Slab (1:2:4)	21	12	2022	6x6x6	---	8	36	45	2800	---	Non Engraved
3	First Floor Slab (1:2:4)	21	12	2022	6x6x6	---	8	36	42	2613	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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4608
 Dr. M. Yousaf

To: Mr. Muhammad Imran Khan
 Material Engineer ECSP, MPA Hostel, Phase-II. (M/s Iftikhar & Co.)
 Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (Lift Wall from 6th to 7th Floor- Group No. 1)
 Our Ref. No. CL/CED/ 971
 Your Ref. No. 340/ECSP/MPA/ME/62

Dated: 20/1/2023 Test Specification
 Dated: 17/1/2023 (BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 18/1/2023 Tested on: 20/1/2023 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	Lift wall 6th to 7th floor	20	12	2022	6x6x6	---	9	36	64	3982	---	Engraved
2	Lift wall 6th to 7th floor	20	12	2022	6x6x6	---	9	36	68	4231	---	Engraved
3	Lift wall 6th to 7th floor	20	12	2022	6x6x6	---	8.6	36	66	4107	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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4598
 Dr. M. Yousaf

To: Mr. Zaman Ahmad Zaki
 Manager Operations, STRENGTH & STYLE Concrete Industries

Project: Nil

Our Ref. No. CL/CED/ 972

Dated: 20/01/2023

Test Specification

Your Ref. No. S&S/UET-16012023-02

Dated: 16/01/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 17/01/2023 **Tested on:** 20-01-23 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	Grey Rect.Tuff Paver 60mm P011	---	---	---	7.9 x 3.9 x 2.4	---	2620	30.81	58	4217	---	---
2	Grey Rect.Tuff Paver 60mm P011	---	---	---	7.9 x 3.9 x 2.4	---	2785	30.81	58	4217	---	---
3	Grey Rect.Tuff Paver 60mm P011	---	---	---	7.9 x 3.9 x 2.4	---	2655	30.81	63	4580	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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4598
 Dr. M. Yousaf

To: Mr. Zaman Ahmad Zaki
 Manager Operations, STRENGTH & STYLE Concrete Industries

Project: Nil

Our Ref. No. CL/CED/ 973

Dated: 20/01/2023

Test Specification

Your Ref. No. S&S/UET-160123-03

Dated: 16/01/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: **17/01/2023** Tested on: **20-01-23** 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	Grey Rect.Tuff Paver 60mm P115	---	---	---	7.9 x 3.9 x 2.4	---	2610	30.81	46	3344	---	---
2	Grey Rect.Tuff Paver 60mm P115	---	---	---	7.9 x 3.9 x 2.4	---	2520	30.81	38	2763	---	---
3	Grey Rect.Tuff Paver 60mm P115	---	---	---	7.9 x 3.9 x 2.4	---	2615	30.81	45	3272	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. M. Yousaf

To: Mr. Zaman Ahmad Zaki
 Manager Operations, STRENGTH & STYLE Concrete Industries

Project: Nil

Our Ref. No. CL/CED/ 974

Dated: 20/01/2023

Test Specification

Your Ref. No. S&S/UET-160123-01

Dated: 16/01/2023

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 17/01/2023 **Tested on:** 20-01-23 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	Grey Rect.Tuff Paver 60mm P012	---	---	---	7.9 x 3.9 x 2.4	---	2605	30.81	28	2036	---	---	
2	Grey Rect.Tuff Paver 60mm P012	---	---	---	7.9 x 3.9 x 2.4	---	2680	30.81	33	2399	---	---	
3	Grey Rect.Tuff Paver 60mm P012	---	---	---	7.9 x 3.9 x 2.4	---	2690	30.81	35	2545	---	---	
4	Grey Rect.Tuff Paver 60mm P121	---	---	---	7.8 x 3.9 x 2.4	---	2560	30.42	20	1473	---	---	
5	Grey Rect.Tuff Paver 60mm P121	---	---	---	7.8 x 3.9 x 2.4	---	2440	30.42	20	1473	---	---	
6	Grey Rect.Tuff Paver 60mm P121	---	---	---	7.8 x 3.9 x 2.4	---	2295	30.42	16	1178	---	---	
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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" 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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- 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.

4549
 Dr. M. Yousaf

To: Sub Divisional Officer
 Building Sub Division No-1 Gujrat

Project: Establishment of 100 Bedded Hospital in U.C. Lakhanwal Tehsil & District Gujrat.

Our Ref. No. CL/CED/ 975

Dated: 20/01/2023

Test Specification

Your Ref. No. 2278/GI

Dated: 27/12/2022

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 10-01-23 Tested on: 20-01-23 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	K2	---	---	---	8.5 x 4.2 x 2.8	3195	2805	35.7	45	2824	13.9	---	
2	K2	---	---	---	8.7 x 4.3 x 2.9	3325	2855	37.41	44	2635	16.46	---	
3	K2	---	---	---	8.5 x 4.3 x 2.7	3125	2755	36.55	43	2635	13.43	---	
4	K2	---	---	---	8.7 x 4.3 x 2.7	3315	2780	37.41	43	2575	19.24	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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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" 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
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.

4561
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 06 Lahore.

Project: Construction of New Office Block of Commissioner Office Lahore ADP no. 5634 for the Year 2021-22

Our Ref. No. CL/CED/ 976

Dated: 20/01/2023

Test Specification

Your Ref. No. 219/sd-6

Dated: 03-01-23

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **11-01-23** Tested on: **20-01-23** 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	MA	---	---	---	8.9 x 4.5 x 3	---	3395	40.05	35	1958	---	---	
2	MA	---	---	---	9 x 4.4 x 3	---	3290	39.6	45	2545	---	---	
3	MA	---	---	---	8.9 x 4.4 x 3.1	---	3305	39.16	43	2460	---	---	
4	MA	---	---	---	9 x 4.4 x 3	---	3370	39.6	47	2659	---	---	
5	MA	---	---	---	9 x 4.4 x 3	---	3280	39.6	45	2545	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
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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" 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
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.

4561
 Dr. M. Yousaf

To: Sub Divisional Officer
 Buildings Sub Division No. 05 Lahore.

Project: Construction of Extension / Expansion of Inspectorate of Punjab Lahore. Group No. 1

Our Ref. No. CL/CED/ 977

Dated: 20/01/2023

Test Specification

Your Ref. No. 2515/5th

Dated: 06-01-23

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 11-01-23 Tested on: 20-01-23 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	MA	---	---	---	9 x 4.3 x 2.9	---	3380	38.7	43	2489	---	---	
2	MA	---	---	---	8.9 x 4.5 x 3.1	---	3410	40.05	43	2405	---	---	
3	MA	---	---	---	8.8 x 4.4 x 3	---	3415	38.72	43	2488	---	---	
4	MA	---	---	---	8.9 x 4.3 x 2.8	---	3315	38.27	36	2107	---	---	
5	MA	---	---	---	8.8 x 4.4 x 2.8	---	3275	38.72	40	2314	---	---	
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



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.

4599
 Dr. M.Yousaf

To: Mr. Muhammad Irfan
 Material Engineer, BANU MUKHTAR Contracting (Pvt.) Ltd.

Project: Burj-1 by AJWA BUILDERS

Our Ref. No. CL/CED/ 978

Dated: 20/1/2023

Test Specification

Your Ref. No. DOC-BMC/AJWA/042

Dated: 17/1/2023

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 17/1/2023 Tested on: 20/1/2023 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	(6000 Psi)	15	12	2022	6Diax12	---	14.4	28.28	109	8634	---	Non Engraved
2	(6000 Psi)	15	12	2022	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
3	(6000 Psi)	15	12	2022	6Diax12	---	13.8	28.28	97	7683	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory