

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.

> 4862 Dr. Aqsa

To: Cantonment Executive Officer

Sargodha Cantt.

Project: Construction of Rooms + Set of Baths in CB School Situated at Tariqabad. (E. Cost M 16.158)

Our Ref. No. CL/CED/ 1367-2 of 2 Dated: 14-03-23

Your Ref. No. CBS/CANT/01/706 Dated: 15-02-23

Test Specification

COMPRESSION TEST REPORT

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

Specimens received on: 28-02-23 Tested on: 14-03-23 in dry/wet condition





Sr. No.	Mark*	Cas	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	A5		 	8.5x4.1x2.9	3325	3010	34.85	45	2892	10.47	
2	A5		 	8.4x4.1x2.9	3345	3045	34.44	42	2732	9.85	
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Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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



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> 4945 Dr. M. Yousaf

Test Specification

To: Dr. Pervaiz, Head R&I

R & I Department, Service Industries Limited Tyre Division Gujrat.

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 1435 Dated: 14-03-23

Dated: 13-03-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Nil

Specimens received on: 14-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		8	2	2023	6x6x6		8.6	36	85	5289		Non Engraved
2		8	2	2023	6x6x6		8.4	36	84	5227		Non Engraved
3		8	2	2023	6x6x6		8.6	36	93	5787		Non Engraved
4		8	2	2023	6x6x6		8.4	36	87	5413		Non Engraved
5		9	2	2023	6x6x6	GINE	RIA8	36	37	2302		Non Engraved
6		9	2	2023	6x6x6	READIN	8.2	36	35	2178		Non Engraved
7		9	2	2023	6x6x6	DHE NAME OF THY LIDRO WHO	8.4	36	37	2302		Non Engraved
8		9	2	2023	6x6x6		8	36	37	2302		Non Engraved
9		10	2	2023	6x6x6		8.4	36	48	2987		Non Engraved
10		10	2	2023	6x6x6	"-LA	8.4	36	46	2862		Non Engraved
11		10	2	2023	6x6x6		8.2	36	45	2800		Non Engraved
12		10	2	2023	6x6x6		8.2	36	43	2676		Non Engraved
13												
14												
15												
16												

Witnessed by: Mr. Muneer, 36104-7924894-1

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

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

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> 4891 Dr. Aqsa

To: Haris & Co.

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Project: Construction of NTI 20 Ferozepur Road Lahore

 Our Ref. No. CL/CED/
 1436
 Dated:
 14-03-23
 Test Specification

 Your Ref. No.
 001'
 Dated:
 03-03-23
 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 03-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	75				8.7 x 4.3 x 3	3775	3370	37.41	55	3293	12.02	
2	75				8.8 x 4.2 x 3	3750	3395	36.96	57	3455	10.46	
3	75				8.8 x 4.3 x 3	3805	3350	37.84	56	3315	13.58	
4	75				8.9 x 4.4 x 3.1	3955	3450	39.16	48	2746	14.64	
5	75				9 x 4.3 x 3	3715	3275	38.7	52	3010	13.44	
6	N				8.7 x 4.3 x 3.1	3600	3445	37.41	39	2335	4.5	
7	N				8.7 x 4.3 x 3	3680	3280	37.41	32	1916	12.2	
8	N				8.8 x 4.2 x 3.1	3650	3280	36.96	48	2909	11.28	
9	N				8.8 x 4.3 x 3.1	3745	3360	37.84	47	2782	11.46	
10	N				8.7 x 4.3 x 3	3730	3350	37.41	48	2874	11.34	
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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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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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> 4926 Dr. Aqsa

To: Mr. Zeeshan Afzal

District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1437

Dated: 14-03-23

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1010	23	1	2023	6Diax12		13.4	28.28	68	5386		Non Engraved
2	1023	27	1	2023	6Diax12		13.2	28.28	67	5307		Non Engraved
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Witnessed by:

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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> 4926 Dr. Aqsa

To: Mr. Zeeshan Afzal

District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1438

Dated: 14-03-23

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1041	4	2	2023	6Diax12		13	28.28	75	5941		Non Engraved
2	1042	4	2	2023	6Diax12		13	28.28	77	6099		Non Engraved
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Witnessed by:

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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> 4926 Dr. Aqsa

To: Mr. Zeeshan Afzal

District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1439

Dated: 14-03-23

Dated:

Nil

Test Specification
(ASTM C39)

Your Ref. No. Nil

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1063	6	2	2023	6Diax12		13.4	28.28	73	5782		Engraved
2	1064	6	2	2023	6Diax12		13.2	28.28	67	5307		Engraved
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> 4926 Dr. Aqsa

To: Mr. Zeeshan Afzal

District Bahawalnagar.

Project: Nil

Our Ref. No. CL/CED/ 1440

Dated: 14-03-23

Nil

Test Specification
(ASTM C39)

Your Ref. No. Nil Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 09-03-23 Tested on: 14-03-23 in dry/wet condition



	Sr. No. Mark*	Cas	ting	Date*	Size	Wet	Dry	Area of		Ultimate	Water	
Sr. No.	Mark*		Ū			Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1035	31	1	2023	6Diax12		13.6	28.28	129	10218		Non Engraved
2	1036	31	1	2023	6Diax12		13.8	28.28	120	9505		Non Engraved
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Witnessed by:

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> 4933 Dr. Aqsa

Test Specification

To: Engr. Hamza, Site Engineer

Architects In Design

Our Ref. No. CL/CED/ 1441

Project: Plot No. 7, Block Q, Gulberg-II, Lahore.

Your Ref. No. Nil Dated: 13-03-23 (ASTM C39)

Dated:

14-03-23

COMPRESSION TEST REPORT

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

Specimens received on: 13-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1		5	3	2023	6Diax12		13	28.28	46	3644		Non Engraved
2		5	3	2023	6Diax12		13	28.28	26	2059		Non Engraved
3		5	3	2023	6Diax12		13.6	28.28	34	2693		Non Engraved
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Witnessed by:

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> 4751 Dr. Aqsa

To: Mr. Saquib Akram

Resident Engineer, NESPAK Pvt. Ltd. LDA City Kahna Sports Complex, Lahore.

Project: Establishment of Sports Complex at LDA City Kahna, (LDP), NA-129

Our Ref. No. CL/CED/ 1442 Dated: 14-03-23 <u>Test Specification</u>

Your Ref. No. 3772/103/NA-129/RE/05/06 Dated: 31-01-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	r. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		on (%)	
1	29				8.7 x 4.3 x 2.9	3500	3220	37.41	34	2036	8.7	
2	29				8.8 x 4.3 x 2.9	3715	3305	37.84	36	2131	12.41	
3	29				9 x 4.3 x 3	3810	3370	38.7	45	2605	13.06	
4	29				8.7 x 4.3 x 2.9	3755	3430	37.41	42	2515	9.48	
5	29				8.8 x 4.3 x 3	3750	3340	37.84	42	2486	12.28	
6	29				8.8 x 4.3 x 3	3630	2920	37.84	47	2782	24.32	
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Witnessed by:

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> 4865 Dr. Aqsa

Test Specification

(BS 3921**)

To: Engr. Bilal Yagoob Virk

Assistant Executive Engineer-II, CCD, PAK.PWD. Gujranwala

Project: Renovation/Refurbishment/Up-Gradation of Existing Boundary Wall of Land of NHMP (N-5) Beat

No. 09 Mouza Auila Kalan, District Guiranwala.

Our Ref. No. CL/CED/ 1443 Dated: 14-03-23

Your Ref. No. AEE-II/CCD/GA/Work/NHMP/B-9/Lab/87 Dated: 11-11-22

COMPRESSION TEST REPORT

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

Specimens received on: 28-02-23 Tested on: 14-03-23 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
205				8.4 x 4.1 x 2.8	3000	2425	34.44	16	1041	23.71	
205				8.4 x 4.1 x 2.7	2675	2210	34.44	14	911	21.04	
205				8.6 x 4.2 x 2.7	2900	2385	36.12	20	1240	21.59	
205				8.7 x 4.2 x 2.8	3060	2480	36.54	12	736	23.39	
205				8.6 x 4.1 x 2.6	2600	2150	35.26	15	953	20.93	
205				8.5 x 4.1 x 2.6	2865	2315	34.85	15	964	23.76	
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Witnessed by:

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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



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.

> 4880 Dr. Aqsa

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore

Our Ref. No. CL/CED/ 1444 Dated: 14-03-23 <u>Test Specification</u>

Your Ref. No. HMBDPL/S.O/03/23/11th (LHR) Dated: 02-03-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate	Ultimate Stress	Water Absorpti	Remarks
SI. NO.	Walk						_				-	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	96				8.8 x 4.3 x 2.8	3845	3370	37.84	45	2664	14.09	
2	96				9 x 4.4 x 3.1	4025	3515	39.6	29	1640	14.51	
3	96				8.8 x 4.3 x 3.1	3815	3410	37.84	52	3078	11.88	
4	96				8.9 x 4.3 x 3.1	3880	3430	38.27	34	1990	13.12	
5	96				9 x 4.4 x 3.1	4020	3495	39.6	38	2149	15.02	
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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

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

> 4897 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore.

Project: Construction of Population Welfare House Punjab, at Lahore.

 Our Ref. No. CL/CED/
 1445
 Dated:
 14-03-23
 Test Specification

 Your Ref. No.
 42/SDO 22
 Dated:
 02-03-22
 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 06-03-23 Tested on: 14-03-23 in dry/wet condition



			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
MA				9 x 4.3 x 3		3360	38.7	39	2257		
MA				9 x 4.4 x 3		3235	39.6	28	1584		
MA				9 x 4.4 x 3		3350	39.6	29	1640		
MA				9 x 4.3 x 3.1		3235	38.7	25	1447		
MA				8.9 x 4.3 x 3	GINE	3155	38.27	40	2341		
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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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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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ORIGINAL

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

> 4890 Dr. Aqsa

To: (Mr. Hafiz Ozair Ahmad)

Deputy Director (Q.C.D.) WASA, LDA, Lahore. (M/s Mian Waqas Engineer & Brothers (Pvt) Ltd)

Project:Tender No. XEN (O&M-I) / GBT / 2021-22 / 03 / Sewerage Scheme for UC-57, 58, 59, 61, 62, 63, 64,

65, 66, 67, 68, 69, 72, 73, 74 Lahore. Al Riaz Civil Engineering Services (Pvt) Ltd. (JV).

Our Ref. No. CL/CED/ 1446 Dated: 14-03-23

Your Ref. No. QCD/405-06 Dated: 01-03-23

Test Specification
(BS 3921**)

Dutcu. 01-00-20

COMPRESSION TEST REPORT

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

Specimens received on: 03-03-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	e Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5				8.8 x 4.2 x 2.9	3630	3195	36.96	43	2606	13.62	
2	5				8.7 x 4.3 x 2.9	3700	3250	37.41	40	2395	13.85	
3	5				9 x 4.4 x 3.1	3925	3405	39.6	36	2036	15.27	
4	5				8.7 x 4.3 x 3	3795	3340	37.41	59	3533	13.62	
5	5				8.7 x 4.2 x 2.8	3665	3310	36.54	62	3801	10.73	
6	5				8.8 x 4.3 x 2.9	3700	3235	37.84	58	3433	14.37	
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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

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

> 4844 Dr. Aqsa

To: Engr. Khalid Sattar

Resident Engineer, DHQ Hospital Hafizabad. Master Consulting Engineers (Pvt.) Ltd.

Project: Consultancy Service Resident Supervision for the Project Titled Up-gradation of D.H.Q Hospital

Hafizabad (Group No.1) ADP No: 768 for the Year 2021-2022.

Our Ref. No. CL/CED/ 1447 Dated: 14-03-23 <u>Test Specification</u>

Your Ref. No. MCE/DHQ Hfzd/23/28 Dated: 20-02-23 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-23 Tested on: 14-03-23 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD MM YYYY			(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made - Double Line				8.8 x 4.3 x 2.9	3480	2860	37.84	23	1362	21.68	
2	Machine Made - Double Line				8.6 x 4.1 x 2.7	3075	2525	35.26	17	1080	21.78	
3	Machine Made - Double Line				8.7 x 4.2 x 2.8	3195	2635	36.54	32	1962	21.25	
4	Machine Made - Double Line				8.8 x 4.2 x 2.9	3425	2805	36.96	24	1455	22.1	
5	Machine Made - Double Line				8.7 x 4.3 x 2.8	3420	2810	37.41	23	1377	21.71	
6	Machine Made - Double Line				8.7 x 4.2 x 2.8	3265	2685	36.54	39	2391	21.6	
7	Machine Made - Double Line				8.7 x 4.2 x 2.8	3200	2640	36.54	20	1226	21.21	
8	Machine Made - Double Line				8.7 x 4. <mark>3 x 2.9</mark>	3480	2850	37.41	28	1677	22.11	
9	Machine Made - Double Line				8.6 x 4.2 x 2.8	3190	2635	36.12	37	2295	21.06	
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Witnessed by:

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