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.

3695
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 20, Lahore

Project: Construction of Women Development Office Complex Sabzazar Lahore (ADP No. 2482 for the Year 2021-22)

Our Ref. No. CL/CED/ 9554 **Dated: 12/08/2022** **Test Specification**

Your Ref. No. 355/20th **Dated: 04/08/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/08/2022 Tested on: 12/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	R.C.C. Col. F/F (1: 1 1/2: 3)	7	7	2022	6x6x6	---	8.8	36	108	6720	---	Non Engraved
2	R.C.C. Col. F/F (1: 1 1/2: 3)	7	7	2022	6x6x6	---	8.8	36	111	6907	---	Non Engraved
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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

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

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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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3695
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 20, Lahore

Project: Construction of Women Development Office Complex Sabzazar Lahore (ADP No. 2482 for the Year 2021-22)

Our Ref. No. CL/CED/ 9555 **Dated: 12/08/2022** **Test Specification**

Your Ref. No. 351/20th **Dated: 02/08/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/08/2022 **Tested on:** 12/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	First Floor Slab (1:2:4)	5	7	2022	6x6x6	---	8.6	36	78	4853	---	Non Engraved
2	First Floor Slab (1:2:4)	5	7	2022	6x6x6	---	8.6	36	114	7093	---	Non Engraved
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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

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

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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL
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3693
Dr. Yousaf

To: Mr. Muhammad Tufail
Construction Team Leader, Zor Engineers (Pvt.) Limited

Project: Presbyterian Education Board Christian Boys High School Sargodha Right Wing

Our Ref. No. CL/CED/ 9556 **Dated:** 12/08/2022 **Test Specification**

Your Ref. No. 202.38.1/MT/2 **Dated:** 10/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11/08/2022 **Tested on:** 12/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(1:2:4)	24	7	2022	6x6x6	---	7.8	36	58	3609	---	Non Engraved
2	(1:2:4)	24	7	2022	6x6x6	---	8	36	48	2987	---	Non Engraved
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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

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

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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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3693
Dr. Yousaf

To: Mr. Muhammad Tufail
Construction Team Leader, Zor Engineers (Pvt.) Limited

Project: Presbyterian Education Board Christian Girls High School Martinpur.

Our Ref. No. CL/CED/ 9557 Dated: 12/08/2022 **Test Specification**

Your Ref. No. 202.40.1/MT/1 Dated: 10/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 11/08/2022 **Tested on:** 12/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(1:2:4)	27	7	2022	6x6x6	---	8.2	36	25	1556	---	Engraved
2	(1:2:4)	28	7	2022	6x6x6	---	8.2	36	18	1120	---	Engraved
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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

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

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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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3693
Dr. Yousaf

To: Mr. Muhammad Tufail
Construction Team Leader, Zor Engineers (Pvt.) Limited

Project: Presbyterian Education Board Christian Girls High School Martinpur

Our Ref. No. CL/CED/ 9558 Dated: 08/12/2022 **Test Specification**

Your Ref. No. 202.40.1/MT/2 Dated: 08/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 08/11/2022 **Tested on:** 08/12/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(1/3, 2/3: 2: 4)	27	6	2022	6x6x6	---	8.4	36	25	1556	---	Engraved
2	(1/3, 2/3: 2: 4)	27	6	2022	6x6x6	---	8.4	36	15	933	---	Engraved
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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3692
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 20, Lahore

Project: Construction of Multi-Purpose Complex at Civil Centre Jubilee Town, Lahore (ADP No. 2483 For the Year 2021-2022)

Our Ref. No. CL/CED/ 9559 **Dated: 12/08/2022** **Test Specification**

Your Ref. No. 346/20th **Dated: 02/08/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/08/2022 Tested on: 12/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Columns First Floor (1:1.5:3)	26	7	2022	6x6x6	---	8.2	36	77	4791	---	Non Engraved
2	Columns First Floor (1:1.5:3)	26	7	2022	6x6x6	---	8	36	64	3982	---	Non Engraved
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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3692
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 20, Lahore

Project: Construction of Multi-Purpose Complex at Civil Centre Jubilee Town, Lahore (ADP No. 2483 For the Year 2021-2022)

Our Ref. No. CL/CED/ 9560 **Dated: 12/08/2022** **Test Specification**

Your Ref. No. 342/20th **Dated: 02/08/2022** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 11/08/2022 Tested on: 12/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Ground Floor Slab (1:2:4)	4	7	2022	6x6x6	---	8.2	36	55	3422	---	Non Engraved
2	Ground Floor Slab (1:2:4)	4	7	2022	6x6x6	---	8.2	36	66	4107	---	Non Engraved
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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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

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.

3666
Dr. Yousaf

To: Mr. Faisal Ali
Site Incharge, for Ittefaq Construction Associates

Project: Respected Faizan Liaqat Sb. (330-R, Johar Town Lahore)

Our Ref. No. CL/CED/ 9561 Dated: 12/08/2022 **Test Specification**

Your Ref. No. ICA/FLS/10 Dated: 02/08/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02/08/2022 Tested on: 12/08/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	Ground Floor Slab Concrete	4	7	2022	6Diax12	---	13.2	28.28	35	2772	---	Engraved
2	Ground Floor Slab Concrete	4	7	2022	6Diax12	---	13.4	28.28	45	3564	---	Engraved
3	Ground Floor Slab Concrete	4	7	2022	6Diax12	---	13.8	28.28	41	3248	---	Engraved
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Witnessed by: Mr. Bilal, CNIC # 32303-1048863-1

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

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

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.

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.

3613
Dr. Yousaf

To: Mr. Muhammad Ashraf, Construction Engineer
Mines Labour Welfare Organization, Punjab Lahore.

Project: Establishment of Mines Labour Welfare Girls High School, at Katha Misral, Khushab.

Our Ref. No. CL/CED/ 9562 **Dated:** 12/08/2022

Your Ref. No. MLW/C.E/MT/50/17/10203 **Dated:** 21/7/2022

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 25/7/2022 **Tested on:** 12/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	(A77)	---	---	---	8.5 x 4.3 x 2.9	2980	2500	36.55	22	1348	19.2	Machine Made
2	(A77)	---	---	---	8.6 x 4.3 x 3	3170	2645	36.98	27	1635	19.85	Machine Made
3	(A77)	---	---	---	8.5 x 4.3 x 2.9	3030	2510	36.55	30	1839	20.72	Machine Made
4	(A77)	---	---	---	8.5 x 4.2 x 2.9	2935	2425	35.7	36	2259	21.03	Machine Made
5	(A77)	---	---	---	8.6 x 4.3 x 2.9	3185	2685	36.98	32	1938	18.62	Machine Made
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

3659
Dr. Yousaf

To: Mr. Muhammad Usman, Lt Commander PN
Garrison Engineers (Navy) Lahore

Project: CA No. ENC-N-72/2021- Construction of Children School (G+1 With G+3 Foundation) at Walton Lahore.

Our Ref. No. CL/CED/ 9563 **Dated:** 12/08/2022 **Test Specification**

Your Ref. No. 6023/988/39/E-6 **Dated:** 29/7/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 01/08/2022 **Tested on:** 12/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	AS	---	---	---	8.4 x 4.2 x 2.8	---	2600	35.28	23	1460	---	---
2	AS	---	---	---	8.6 x 4.2 x 2.8	---	2580	36.12	27	1674	---	---
3	AS	---	---	---	8.5 x 4.1 x 2.8	---	2520	34.85	26	1671	---	---
4	AS	---	---	---	8.4 x 4 x 2.9	---	2560	33.6	19	1267	---	---
5	AS	---	---	---	8.4 x 4 x 2.7	---	2345	33.6	21	1400	---	---
6	AS	---	---	---	8.6 x 4.2 x 2.8	---	2675	36.12	19	1178	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

3594
Dr. Yousaf

To: Sub Divisional Officer
Buildings Sub Division No. 20, Lahore

Project: Construction of Women Development Office Complex Sabzazar Lahore (ADP No. 2482 For the Year 2021-22)

Our Ref. No. CL/CED/ 9564 Dated: 12/08/2022 Test Specification

Your Ref. No. 337/20th Dated: 20/7/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 22/7/2022 **Tested on:** 12/08/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	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
1	RA	---	---	---	9 x 4.3 x 3	---	3430	38.7	46	2663	---	---
2	RA	---	---	---	8.8 x 4.3 x 3	---	3255	37.84	48	2841	---	---
3	RA	---	---	---	8.9 x 4.4 x 2.9	---	3355	39.16	33	1888	---	---
4	RA	---	---	---	8.9 x 4.4 x 3	---	3415	39.16	42	2402	---	---
5	RA	---	---	---	9 x 4.3 x 3	---	3315	38.7	40	2315	---	---
6	RA	---	---	---	8.8 x 4.3 x 2.9	---	3275	37.84	58	3433	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**