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.

7349
Dr. Umbreen

To: Mr. Riaz Ahmad
Riaz Construction Company

Project: Construction of Chaki High School Rawalpindi Area.

Our Ref. No. CL/CED/ 5317 **Dated:** 15-07-24 **Test Specification**

Your Ref. No. Nil **Dated:** 26-06-24 **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 26-06-24 **Tested on:** 15-07-24 **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	MT	---	---	---	8.5 x 4.1 x 2.9	3340	2885	34.85	38	2442	15.77	---
2	MT	---	---	---	8.5 x 4.1 x 2.9	3390	2940	34.85	41	2635	15.31	---
3	MT	---	---	---	8.5 x 4 x 3	3360	2920	34	38	2504	15.07	---
4	MT	---	---	---	8.5 x 4.1 x 2.9	3285	2840	34.85	44	2828	15.67	---
5	MT	---	---	---	8.5 x 4 x 3	3365	2870	34	42	2767	17.25	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7444
Dr. M. Yousaf

To: Mr. Muhammad Javed Aata
Project Director, SUNRISE Construction (Pvt) Ltd.

Project: Safe City Girls Hostel, Qurban Police Lines, Lahore.

Our Ref. No. CL/CED/ 5318 Dated: 15-07-24

Your Ref. No. SRC/UET/01/24 Dated: 10-07-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12-07-24 Tested on: 15-07-24 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	Raft Foundations (3000 Psi)	26	5	2024	6x6x6	---	9.6	36	59	3671	---	Non Engraved
2	Raft Foundations (3000 Psi)	26	5	2024	6x6x6	---	10	36	81	5040	---	Non Engraved
3	Raft Foundations (3000 Psi)	26	5	2024	6x6x6	---	9	36	85	5289	---	Non Engraved
4	Raft Foundations (3000 Psi)	26	5	2024	6x6x6	---	9.4	36	71	4418	---	Non Engraved
5	Raft Foundations (3000 Psi)	26	5	2024	6x6x6	---	9	36	62	3858	---	Non Engraved
6	Raft Foundations (3000 Psi)	26	5	2024	6x6x6	---	9	36	65	4044	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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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 compressive 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
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7449
Dr. M. Yousaf

To: Engr. Haseeb Afzal
Project Manager, HMB Developers (Pvt) Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. (4th Floor Shear Wall J~M/1~2)

Our Ref. No. CL/CED/ 5319 Dated: 15-07-24

Your Ref. No. HMBDPL/S.O/07/24/115 (LHR) Dated: 15-07-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 15-07-24 Tested on: 15-07-24 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	CT-117 (6000 Psi)	14	6	2024	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	CT-117 (6000 Psi)	14	6	2024	6Diax12	---	14.6	28.28	89	7050	---	Non Engraved
3	CT-117 (6000 Psi)	14	6	2024	6Diax12	---	14.6	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Haseeb Afzal, CNIC # 34101-9592859-3

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 compressive 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.

7421
Dr. M. Yousaf

To: Mr. Gul Waqas Shahid
Unirazz Services

Project: Construction of Syed Wajid Ali Shah Auditorium, Al-Aleem Medical College, Gulab Devi Hospital, Lahore.

Our Ref. No. CL/CED/ 5320 Dated: 15-07-24

Your Ref. No. USPL/2010 Dated: 10-07-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10-07-24 Tested on: 15-07-24 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	E/5-7, E/6-7, D-E/6	4	6	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	E/5-7, E/6-7, D-E/6	4	6	2024	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
3	E/5-7, E/6-7, D-E/6	4	6	2024	6Diax12	---	13.4	28.28	42	3327	---	Non Engraved
4	A-7, A5-7A, D1-7A, E-7	6	6	2024	6Diax12	---	13	28.28	37	2931	---	Non Engraved
5	A-7, A5-7A, D1-7A, E-7	6	6	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
6	A-7, A5-7A, D1-7A, E-7	6	6	2024	6Diax12	---	13.6	28.28	40	3168	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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
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7395
Dr. M. Yousaf

To: The First Brick (Pvt SMC) Ltd.
69-71 Ravi Road, Lahore.

Project: Ravi Business Center Lahore.

Our Ref. No. CL/CED/ 5321 **Dated:** 15-07-24

Your Ref. No. Nil **Dated:** 05-07-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05-07-24 **Tested on:** 15-07-24 **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	(3500 Psi)	11	6	2024	6Diax12	---	14	28.28	30	2376	---	Engraved
2	(3500 Psi)	11	6	2024	6Diax12	---	13	28.28	27	2139	---	Non Engraved
3	(3500 Psi)	12	6	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
4	(3500 Psi)	12	6	2024	6Diax12	---	14	28.28	54	4277	---	Non Engraved
5	(3500 Psi)	13	6	2024	6Diax12	---	13.6	28.28	50	3960	---	Non Engraved
6	(3500 Psi)	13	6	2024	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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)
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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
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7438
Dr. M. Yousaf

To: Engr. Muhammad Irfan
Project Manager (Civil Works) PIU-IWRPP

Project: Rehab. & Addit. Works at (i) Govt. College of Technology, Allama Iqbal Town, Lhr; (ii) Vocational Training Institute Lhr; (iii) Govt. College of Technology (W), Lhr & (iv) Govt. Tech. Training Institute Skp.

Our Ref. No. CL/CED/ 5322 Dated: 15-07-24

Your Ref. No. ICI&SDD/PIU/IWRPP/CW/762 Dated: 11-07-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-07-24 Tested on: 15-07-24 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	2500 Psi	29	5	2024	6Diax12	---	14.4	28.28	63	4990	---	Non Engraved
2	2500 Psi	29	5	2024	6Diax12	---	15	28.28	63	4990	---	Non Engraved
3	2500 Psi	29	5	2024	6Diax12	---	14.6	28.28	64	5069	---	Non Engraved
4	3500 Psi	29	5	2024	6Diax12	---	15	28.28	67	5307	---	Non Engraved
5	3500 Psi	29	5	2024	6Diax12	---	14	28.28	68	5386	---	Non Engraved
6	3500 Psi	29	5	2024	6Diax12	---	14	28.28	58	4594	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---					---	---	---	---	---	---	---

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

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

7436
Dr. M.Yousaf

To: Mr. M. Faisal Bhatti
Ittefaq Building Solutions (Pvt) Ltd.

Project: Residence of Imran Qamar at Plot # 103, St. John's Park, Cantt. Lahore.

Our Ref. No. CL/CED/ 5323 **Dated:** 15-07-24 **Test Specification**

Your Ref. No. Nil **Dated:** 12-07-24 **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 12-07-24 **Tested on:** 15-07-24 **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	Pardi (3500 Psi)	14	6	2024	6x6x6	---	8.8	36	95	5911	---	Non Engraved
2	Pardi (3500 Psi)	14	6	2024	6x6x6	---	9	36	118	7342	---	Non Engraved
3	Pardi (3500 Psi)	14	6	2024	6x6x6	---	8.8	36	96	5973	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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
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7370
Dr. M. Yousaf

To: Mr. Mehran Ali
Resident Engineer, AZ Engineering Associates, Hafizabad Residency at Pindi Bhattian.

Project: Reconstruction / Rehabilitation of Road from Gujranwala Hafizabad Pindi Bhattian Road Km 53.00 to 97.21 Km (Part-B) (Section Km No.59.77 to 63.75 & 71.70 to 97.21 L=29.48 Kms in District Hafizabad.)

Our Ref. No. CL/CED/ 5324 Dated: 15-07-24

Your Ref. No. AZEA/RE/HFZ/438 Dated: 01-07-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-07-24 Tested on: 15-07-24 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 (Machine Made)	---	---	---	8.5 x 4.2 x 2.7	2795	2310	35.7	48	3012	21	---
2	A77 (Machine Made)	---	---	---	8.6 x 4.2 x 2.7	2810	2315	36.12	40	2481	21.38	---
3	A77 (Machine Made)	---	---	---	8.5 x 4.2 x 2.7	2810	2335	35.7	44	2761	20.34	---
4	A77 (Machine Made)	---	---	---	8.5 x 4.2 x 2.8	3135	2595	35.7	38	2384	20.81	---
5	A77 (Machine Made)	---	---	---	8.5 x 4.3 x 2.8	3240	2685	36.55	41	2513	20.67	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
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
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7375
Dr. M. Yousaf

To: Mr. M. Azhar Akhtar
Resident Engineer, NESPAK (Pvt) Ltd. JV TurkPak International Pvt. Ltd.

Project: Construction of New GOR Near DHA Phase-IX, Lahore.

Our Ref. No. CL/CED/ 5325 **Dated:** 15-07-24

Your Ref. No. 4769/13/MAA/24/40 **Dated:** 27-06-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-07-24 **Tested on:** 15-07-24 **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	ZS	---	---	---	8.9 x 4.3 x 3	3815	3310	38.27	60	3512	15.26	---
2	ZS	---	---	---	8.9 x 4.4 x 3	3765	3295	39.16	40	2288	14.26	---
3	ZS	---	---	---	9 x 4.4 x 3.1	3845	3340	39.6	44	2489	15.12	---
4	ZS	---	---	---	9 x 4.5 x 3	3915	3420	40.5	44	2434	14.47	---
5	ZS	---	---	---	8.8 x 4.4 x 2.9	3665	3230	38.72	46	2661	13.47	---
6	ZS	---	---	---	8.9 x 4.4 x 3	3795	3375	39.16	47	2688	12.44	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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