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.

7292
Dr. M. Yousaf

To: Mr. Muhammad Hassnain Jaffar
Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 5058 **Dated: 11/06/2024** **Test Specification**

Your Ref. No. Nil **Dated: 10/06/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 10/06/2024 Tested on: 10/06/2024 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	---	3	6	2024	6Diax12	---	14.4	28.28	61	4832	---	Non Engraved
2	---	3	6	2024	6Diax12	---	15.4	28.28	47	3723	---	Non Engraved
3	---	3	6	2024	6Diax12	---	16	28.28	43	3406	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shabbir Hussain

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**

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Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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7288
Dr. M. Yousaf

To: Mr. M. Arslan Khaleel
Assistant Store Keeper, M/S Amanah Noor Residence, Wapda Town, Lahore.

Project: Columns 6th to 7th Floor

Our Ref. No. CL/CED/ 5059 **Dated:** 11/06/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 10/06/2024 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 10/06/2024 **Tested on:** 11/06/2024 **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	---	11	5	2024	6Diax12	---	13	28.28	68	5386	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Arslan Khalil

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
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ORIGINAL
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7263
Dr. Aqsa

To: Deputy Director (Engg)
Parks and Horticulture Authority, Lahore.

Project: Upgradation of Parking Area & Renovation of Existing Workshop at Gate No.2 Jillani Park Lahore.
(Contractor: M/s F&H Construction Services Pvt. Ltd)

Our Ref. No. CL/CED/ 5060 Dated: 11/06/2024 Test Specification

Your Ref. No. DD(Engg)/PHA/4205 Dated: 24/05/2024 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 04/06/2024 Tested on: 11/06/2024 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	MD	---	---	---	8.8 x 4.3 x 3	---	3220	37.84	50	2960	---	---
2	MD	---	---	---	9 x 4.3 x 3	---	3215	38.7	37	2142	---	---
3	MD	---	---	---	8.8 x 4.3 x 3	---	3180	37.84	46	2723	---	---
4	MD	---	---	---	8.9 x 4.3 x 3	---	3245	38.27	41	2400	---	---
5	MD	---	---	---	8.9 x 4.3 x 3	---	3150	38.27	38	2224	---	---
6	MD	---	---	---	8.8 x 4.3 x 3	---	3230	37.84	48	2841	---	---
7	MD	---	---	---	9 x 4.3 x 3	---	3260	38.7	45	2605	---	---
8	MD	---	---	---	8.9 x 4.3 x 3	---	3295	38.27	46	2692	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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 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)
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ORIGINAL
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7263
Dr. Aqsa

To: Deputy Director (Engg)
Parks and Horticulture Authority, Lahore.

Project: Upgradation of Parking Area & Renovation of Existing Workshop at Gate No.2 Jillani Park Lahore.
(Contractor: M/s F&H Construction Services Pvt. Ltd)

Our Ref. No. CL/CED/ 5061 Dated: 11/06/2024 Test Specification

Your Ref. No. DD(Engg)/PHA/4206 Dated: 24/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 04/06/2024 Tested on: 11/06/2024 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	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3100	36.99	115	6964	---	---
2	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3460	36.99	182	11021	---	---
3	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3465	36.99	162	9810	---	---
4	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3460	36.99	159	9629	---	---
5	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3275	36.99	177	10719	---	---
6	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3240	36.99	149	9023	---	---
7	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3235	36.99	174	10537	---	---
8	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3345	36.99	167	10113	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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7234
Dr. Aqsa

To: S & S Associates
Plot # 67, Trade Center Block, Ayoub Chowk, Johar Town, Lahore.

Project: Road Work of Nishat Chunian Limited (NCL 04) Bhai Pheru.

Our Ref. No. CL/CED/ 5062 **Dated:** 11/06/2024 **Test Specification**

Your Ref. No. SS (R-A # 24) / 36 **Dated:** 30/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 30/05/2024 **Tested on:** 11/06/2024 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3485	30.42	171	12592	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3635	30.42	182	13402	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3755	30.42	188	13844	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3.1	---	3625	30.42	187	13770	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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7236
Dr. Aqsa

To: Mr. Xue Feiyang
Deputy Director, POWERCHINA SEPCO1, Pakistan.

Project: Contract No. WB10A-2021 (Lot-1); Design, Supply, Installation, Testing and Commissioning: Extension Works (1x600MVA) & Augmentation Works (3x160 to 3x250MVA) at 500kV Nokhar Grid Station.

Our Ref. No. CL/CED/ 5063 Dated: 11/06/2024 **Test Specification**

Your Ref. No. WB-10A-GS-SEPCO1-149 Dated: 30/05/2024 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30/05/2024 **Tested on:** 11/06/2024 **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	SS	---	---	---	8.7 x 4.2 x 2.9	3485	3165	36.54	48	2943	10.11	---
2	SS	---	---	---	8.8 x 4.2 x 2.9	3325	3140	36.96	46	2788	5.89	---
3	SS	---	---	---	8.7 x 4.1 x 2.9	3555	3050	35.67	45	2826	16.56	---
4	SS	---	---	---	8.8 x 4.3 x 2.9	3450	3190	37.84	44	2605	8.15	---
5	Sword	---	---	---	8.8 x 4.2 x 2.8	3590	3315	36.96	48	2909	8.3	---
6	Sword	---	---	---	8.8 x 4.2 x 2.9	3630	3325	36.96	49	2970	9.17	---
7	Sword	---	---	---	8.8 x 4.1 x 2.9	3565	3305	36.08	50	3104	7.87	---
8	Sword	---	---	---	8.8 x 4.2 x 2.9	3550	3285	36.96	49	2970	8.07	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
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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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ORIGINAL
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7256
Dr. Aqsa

To: Mr. Waseem Malik
Mustafabad Lahore Cantt.

Project: KDF (Khan Dairy Farm)

Our Ref. No. CL/CED/ 5064 **Dated:** 11/06/2024 **Test Specification**

Your Ref. No. Nil **Dated:** 03/06/2024 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03/06/2024 **Tested on:** 11/06/2024 **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	H-313	---	---	---	9 x 4.2 x 3	3815	3365	37.8	31	1837	13.37	---
2	H-313	---	---	---	9 x 4.2 x 3	3695	3230	37.8	24	1422	14.4	---
3	S	---	---	---	8.6 x 4.1 x 2.8	3275	3065	35.26	38	2414	6.85	---
4	S	---	---	---	8.7 x 4.2 x 2.8	3480	3070	36.54	48	2943	13.36	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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 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)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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7241
Dr. Aqsa

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division. NESPAK Pvt Ltd.

Project: Repair and Maintenance / Rehabilitation of PCC Faisal Sweets Street and Links Nabi Pura Badami Bagh, Ravi Zone Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 5065 Dated: 11/06/2024 Test Specification

Your Ref. No. 4084/103/MUR/104/1843 Dated: 21/05/2024 (BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 31/05/2024 Tested on: 11/06/2024 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	25	---	---	---	9 x 4.2 x 3	3635	3230	37.8	44	2607	12.54	---
2	25	---	---	---	9 x 4.3 x 2.8	3575	3120	38.7	49	2836	14.58	---
3	25	---	---	---	8.8 x 4.3 x 2.8	3510	3225	37.84	56	3315	8.84	---
4	25	---	---	---	8.8 x 4.2 x 2.9	3480	3135	36.96	50	3030	11	---
5	25	---	---	---	8.9 x 4.3 x 2.9	3670	3315	38.27	47	2751	10.71	---
6	25	---	---	---	8.8 x 4.2 x 2.9	3520	3235	36.96	52	3152	8.81	---
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 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
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7270
Dr. Aqsa

To: Mr. M. Usman Rauf
Resident Engineer, Highways and Transportation Engineering Division. NESPAK Pvt Ltd.

Project: Rehabilitation and Improvement of PCC Syed Waqar Hussain Shah Street Link Moon Medical Store Main Bazar Jia Musa Shahdara Ravi Zone Lahore. (MCL Projects)

Our Ref. No. CL/CED/ 5066 Dated: 11/06/2024 Test Specification

Your Ref. No. 4084/103/MUR/104/1857 Dated: 01/06/2024 (BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 05/06/2024 Tested on: 11/06/2024 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	5	2024	6x6x6	---	8.2	36	49	3049	---	Non Engraved
2	---	1	5	2024	6x6x6	---	8.4	36	55	3422	---	Non Engraved
3	---	1	5	2024	6x6x6	---	8	36	56	3484	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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