



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.

118
 Dr. M. Yousaf

To: Mr. Ali Hassan
 Project Manager, SUMMIT HEIGHTS Private Limited. Raiwind Road Lahore.

Project: On behalf of Summit Heights Project located in Etihad Town Phase-1 Lahore.

Our Ref. No. CL/CED/ 9409

Dated: 08/09/2025

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: 08/09/2025 Tested on: 08/09/2025 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	Raft Foundation	9	8	2025	6Diax12	---	13	28.28	58	4594	---	Non Engraved
2	Raft Foundation	9	8	2025	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
3	Raft Foundation	9	8	2025	6Diax12	---	13.8	28.28	55	4356	---	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/>

- * 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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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.

112
Dr. M. Yousaf

To: Mr. Muhammad Nawaz
Executive Engineer (HQ) Auqaf Punjab, Lahore.

Project: Development Works of Shrine Hazrat Mian Sher Muhammad Sharqpur, District Sheikhpura.

Our Ref. No. CL/CED/ 9410

Dated: 08/09/2025

Test Specification

Your Ref. No. Memo No. II-LZ-DP(916)A/2023/38

Dated: 25/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2025 Tested on: 08/09/2025 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	R.C.C Slab (1:2:4)	28	7	2025	6Diax12	---	12.8	28.28	28	2218	---	Non Engraved
2	R.C.C Slab (1:2:4)	28	7	2025	6Diax12	---	13	28.28	34	2693	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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110
 Dr. M. Yousaf

To: Dogar Associates
 Main Boulevard, Lahore.

Project: 319 West Canal Bank, Lahore

Our Ref. No. CL/CED/ 9411

Dated: 08/09/2025

Test Specification

Your Ref. No. Nil

Dated: 04/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2025 **Tested on:** 08/09/2025 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	Retaining Wall	24	4	2025	6Diax12	---	13	28.28	29	2297	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory



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110
 Dr. M. Yousaf

To: Dogar Associates
 Main Boulevard, Lahore.

Project: 319 West Canal Bank, Lahore

Our Ref. No. CL/CED/ 9412

Dated: 08/09/2025

Test Specification

Your Ref. No. Nil

Dated: 04/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2025 **Tested on:** 08/09/2025 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	Basement Slab	11	5	2025	6Diax12	---	13.4	28.28	52	4119	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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
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Director/Dy. Director Concrete Laboratory



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Dr. M. Yousaf

To: Dogar Associates
Main Boulevard, Lahore.

Project: 319 West Canal Bank, Lahore

Our Ref. No. CL/CED/ 9413

Dated: 08/09/2025

Test Specification

Your Ref. No. Nil

Dated: 04/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2025 Tested on: 08/09/2025 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	Basement Bed	11	4	2025	6Diax12	---	13	28.28	37	2931	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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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Director/Dy. Director Concrete Laboratory



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

115
 Dr. M. Yousaf

To: Mr. Sajid Bashir Khawaja
 Resident Engineer, ACE Architectural & Town Planning Services Ltd.
Project: Resident Construction Supervision for Construction of Punjab Revenue Authority (PRA), Headquarters, Lahore.
 Our Ref. No. CL/CED/ 9414 Dated: 08/09/2025
 Your Ref. No. ER/PRA/HQ/ACE/2025/43 Dated: 04/09/2025

Test Specification
 (ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **05/09/2025** Tested on: **08/09/2025** 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	Basement-2 Slab & Beams (4Ksi)	7	8	2025	6Diax12	---	13.8	28.28	78	6178	---	Non Engraved
2	Basement-2 Slab & Beams (4Ksi)	7	8	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
3	Basement-2 Slab & Beams (4Ksi)	7	8	2025	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
4	Basement-2 R.W & Columns (5Ksi)	7	8	2025	6Diax12	---	14	28.28	94	7446	---	Non Engraved
5	Basement-2 R.W & Columns (5Ksi)	7	8	2025	6Diax12	---	14	28.28	91	7208	---	Non Engraved
6	Basement-2 R.W & Columns (5Ksi)	7	8	2025	6Diax12	---	14	28.28	82	6495	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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91
 Dr. M. Yousaf

To: Mr. Rashid Kamran
 Resident Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: Construction of Electric Bus Depot at Green Town, Lahore.

Our Ref. No. CL/CED/ 9415

Dated: 08/09/2025

Test Specification

Your Ref. No. 4792/13/RK/05/85

Dated: 11/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 Tested on: 08/09/2025 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	(4000 Psi)	23	7	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	(4000 Psi)	23	7	2025	6Diax12	---	14.6	28.28	84	6653	---	Non Engraved
3	(4000 Psi)	23	7	2025	6Diax12	---	14.6	28.28	87	6891	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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95
 Dr. M. Yousaf

To: Engr. Umar Majeed
 Chief Engineer, Development and Construction, Urban Developers Group, Lahore

Project: Plot #125,126, Block A, Central Park Housing Scheme, Ferozpur Road Lahore.

Our Ref. No. CL/CED/ 9416

Dated: 08/09/2025

Test Specification

Your Ref. No. UD/CP/D&C/955

Dated: 28/08/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 03/09/2025 **Tested on:** 08/09/2025 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	Basement Column (4000 Psi)	26	7	2025	6Diax12	---	13	28.28	54	4277	---	Non Engraved
2	Basement Column (4000 Psi)	26	7	2025	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
3	Basement Column (4000 Psi)	28	7	2025	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
4	Basement Column (4000 Psi)	28	7	2025	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
5	Basement Column (4000 Psi)	28	7	2025	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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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.

114
 Dr. M. Yousaf

To: Malik A. Rauf Awan
 Resident Engineer, for PAK TOWER. 44-A Ferozpur Road near I.C.M.A College.

Project: Nil

Our Ref. No. CL/CED/ 9417

Dated: 08/09/2025

Test Specification

Your Ref. No. Nil

Dated: 02/09/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2025 **Tested on:** 08/09/2025 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	4000 Psi	22	8	2025	6Diax12	---	13.6	28.28	69	5465	---	Non Engraved
2	4000 Psi	22	8	2025	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
3	4000 Psi	22	8	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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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.

116
 Dr. M. Yousaf

To: Mr. Aamir UI Hassan
 Project Manager, Techno Time Construction (Pvt) Ltd.

Project: University of Health Sciences,

Our Ref. No. CL/CED/ 9418

Dated: 08/09/2025

Test Specification

Your Ref. No. UHS/Works-25/1852

Dated: 01/08/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2025 Tested on: 08/09/2025 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	City Campus	27	7	2025	6x6x6	---	8	36	21	1307	---	Non Engraved
2	Jinnah Campus	28	7	2025	6x6x6	---	8	36	18	1120	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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
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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



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 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.

109
 Dr. M. Yousaf

To: Mr. Muhammad Imran
 Construction Manager, for Ittefaq Building Solutions (Pvt) Ltd.

Project: Mr. Imran Qamar Residence Cantt, Lahore. (Phase-3)

Our Ref. No. CL/CED/ 9419

Dated: 08/09/2025

Test Specification

Your Ref. No. Nil

Dated: 05/09/2005

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 05/09/2025 **Tested on:** 08/09/2025 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	Ground Floor Slab (3500 Psi)	31	7	2025	6x6x6	---	9	36	73	4542	---	Non Engraved
2	Ground Floor Slab (3500 Psi)	31	7	2025	6x6x6	---	8.8	36	68	4231	---	Non Engraved
3	Ground Floor Slab (3500 Psi)	31	7	2025	6x6x6	---	9	36	74	4604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory