



**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.

4719  
 Dr. Umbreen

**To:** Mr. Muhammad Waris Jan  
 Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

**Project:** Construction of P-627 De Sulphurization (Pioneer Cement)

**Our Ref. No.** CL/CED/ 1097

**Dated:** 06-02-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 03-02-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/2/2023 **Tested on:** 06-02-23 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	Ramp RW Fnd. (3000 Psi)	19	1	2023	6x6x6	---	8.8	36	96	5973	---	Non Engraved
2	Ramp RW Fnd. (3000 Psi)	19	1	2023	6x6x6	---	8.6	36	106	6596	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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/>

- \* 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" dia x 12" 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**



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

4719  
 Dr. Umbreen

**To:** Mr. Muhammad Waris Jan  
 Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

**Project:** Construction of P-627 De Sulphurization (Pioneer Cement)

**Our Ref. No.** CL/CED/ 1098

**Dated:** 06-02-23

**Test Specification**

**Your Ref. No.** Nil

**Dated:** 03-02-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

**Specimens received on:** 6/2/2023 **Tested on:** 06-02-23 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	Silage Cello Wall (4000 Psi)	21	1	2023	6x6x6	---	8.8	36	124	7716	---	Non Engraved
2	Silage Cello Wall (4000 Psi)	21	1	2023	6x6x6	---	8.6	36	126	7840	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" 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**  
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**ORIGINAL**  
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4719  
 Dr. Umbreen

To: Mr. Muhammad Waris Jan  
 Asst, Manager (QA/QC), Engineering Kinatics (Pvt.) Ltd.

Project: Construction of P-627 De Sulphurization (Pioneer Cement)

Our Ref. No. CL/CED/ 1099

Dated: 06-02-23

Test Specification

Your Ref. No. Nil

Dated: 03-02-23

( BS 1881-116 )

**COMPRESSION TEST REPORT**



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

Specimens received on: 6/2/2023 Tested on: 06-02-23 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	Ramp RW 1st step (4000 Psi)	25	1	2023	6x6x6	---	8.8	36	104	6471	---	Non Engraved
2	Ramp RW 1st step (4000 Psi)	25	1	2023	6x6x6	---	8.8	36	94	5849	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" cylinder) strength at 28 days as compressive strength

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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.

4694  
 Dr. Umbreen

To: Engr. Muhammad Ali Murtaza  
 District, Faisalabad.

Project: Construction of International School, Pine Avenue, Lahore.

Our Ref. No. CL/CED/ 1100-1 of 2

Dated: 06-02-23

Test Specification

Your Ref. No. Nil

Dated: 01-02-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 1/2/2023 Tested on: 06-02-23 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	21	12	2022	6Diax12	---	13.8	28.28	47	3723	---	Non Engraved
2	4000 Psi	21	12	2022	6Diax12	---	12.8	28.28	61	4832	---	Non Engraved
3	4000 Psi	23	12	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
4	4000 Psi	23	12	2022	6Diax12	---	13	28.28	57	4515	---	Non Engraved
5	4000 Psi	24	12	2022	6Diax12	---	13.8	28.28	73	5782	---	Non Engraved
6	4000 Psi	24	12	2022	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
7	4000 Psi	25	12	2022	6Diax12	---	12.4	28.28	59	4673	---	Non Engraved
8	4000 Psi	25	12	2022	6Diax12	---	13	28.28	65	5149	---	Non Engraved
9	4000 Psi	26	12	2022	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
10	4000 Psi	26	12	2022	6Diax12	---	13.8	28.28	75	5941	---	Non Engraved
11	4000 Psi	28	12	2022	6Diax12	---	13.8	28.28	61	4832	---	Non Engraved
12	4000 Psi	28	12	2022	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
13	4000 Psi	30	12	2022	6Diax12	---	13.8	28.28	69	5465	---	Non Engraved
14	4000 Psi	30	12	2022	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
15	4000 Psi	2	1	2023	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
16	4000 Psi	2	1	2023	6Diax12	---	13	28.28	67	5307	---	Non Engraved

Witnessed by: Nil

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

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- \*\* 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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4694  
 Dr. Umbreen

To: Engr. Muhammad Ali Murtaza  
 District, Faisalabad.

Project: Construction of International School, Pine Avenue, Lahore.

Our Ref. No. CL/CED/ 1100-2 of 2

Dated: 06-02-23

Test Specification

Your Ref. No. Nil

Dated: 01-02-23

( ASTM C39 )

## COMPRESSION TEST REPORT



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

Specimens received on: 1/2/2023 Tested on: 06-02-23 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	5	1	2023	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
2	4000 Psi	5	1	2023	6Diax12	---	12.2	28.28	71	5624	---	Non Engraved
3	4000 Psi	6	1	2023	6Diax12	---	13	28.28	71	5624	---	Non Engraved
4	4000 Psi	6	1	2023	6Diax12	---	13	28.28	67	5307	---	Non Engraved
5	4000 Psi	31	12	2022	6Diax12	---	13	28.28	75	5941	---	Non Engraved
6	4000 Psi	31	12	2022	6Diax12	---	13.2	28.28	83	6574	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
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- 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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**Civil Engineering Department**  
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**ORIGINAL**  
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4679  
 Dr. Umbreen

To: ANH Developers (Pvt.) Ltd.  
 91 Block B, Phase-V, D.H.A Lahore.

Project: ANH Developers (Pvt.) Ltd.

Our Ref. No. CL/CED/ 1101

Dated: 06-02-23

Test Specification

Your Ref. No. Nil

Dated: Nil

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 31/1/2023 Tested on: 06-02-23 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	6000 Psi	29	7	2022	6Diax12	---	14	28.28	90	7129	---	Non Engraved
2	4500 Psi	29	7	2022	6Diax12	---	14.2	28.28	112	8871	---	Non Engraved
3	6000 Psi	4	8	2022	6Diax12	---	14	28.28	106	8396	---	Non Engraved
4	6000 Psi	8	8	2022	6Diax12	---	14	28.28	108	8554	---	Non Engraved
5	6000 Psi	13	8	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
6	6000 Psi	18	8	2022	6Diax12	---	14	28.28	100	7921	---	Non Engraved
7	5000 Psi	30	9	2022	6Diax12	---	14	28.28	130	10297	---	Non Engraved
8	5000 Psi	1	10	2022	6Diax12	---	13.6	28.28	110	8713	---	Non Engraved
9	5000 Psi	4	10	2022	6Diax12	---	13.6	28.28	118	9347	---	Non Engraved
10	5000 Psi	6	10	2022	6Diax12	---	13	28.28	116	9188	---	Non Engraved
11	5000 Psi	10	10	2022	6Diax12	---	13.6	28.28	73	5782	---	Non Engraved
12	5000 Psi	22	10	2022	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
13	3500 Psi	29	10	2022	6Diax12	---	13.6	28.28	86	6812	---	Non Engraved
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory





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**Civil Engineering Department**  
 University of Engineering and Technology, Lahore, Pakistan  
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**ORIGINAL**  
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4705  
 Dr. Umbreen

To: Mr. Ashiq Ali  
 Mustafabad, Lahore Cantt.

Project: Construction of Residence of Henna Haque 116 H Model Town Lahore.

Our Ref. No. CL/CED/ 1102

Dated: 06-02-23

Test Specification

Your Ref. No. Gen-430/1

Dated: 02-02-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 2/2/2023 Tested on: 06-02-23 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	---	16	12	2022	6Diax12	---	13	28.28	45	3564	---	Non Engraved
2	---	16	12	2022	6Diax12	---	14	28.28	51	4040	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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

4678  
 Dr. Umbreen

To: Pro-Con  
 Office No.4, Divine Centre, New Airport Road, Lahore Cantt.

Project: Nil

Our Ref. No. CL/CED/ 1103

Dated: 06-02-23

Test Specification

Your Ref. No. Nil

Dated: 30-01-23

( ASTM C39 )

## COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 30/1/2023 Tested on: 06-02-23 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	---	24	1	2023	6Diax12	---	13	28.28	35	2772	---	Engraved	
2	---	24	1	2023	6Diax12	---	13.6	28.28	41	3248	---	Engraved	
3	---	---	---	---	---	---	---	---	---	---	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
9	---	---	---	---	---	---	---	---	---	---	---	---	
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

- 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





**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.

4634  
 Dr. Umbreen

To: M. Saleem Construction Company  
 Sheikhpura

Project: Construction of Extension (Store) Dyeing Unit

Our Ref. No. CL/CED/ 1104

Dated: 06-02-23

Test Specification

Your Ref. No. Cylinder test

Dated: 23-01-23

( ASTM C39 )

**COMPRESSION TEST REPORT**



ONLINE REPORT

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

Specimens received on: 23/1/2023 Tested on: 06-02-23 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	F3 LineA-2 Grid-3	13	1	2023	6Diax12	---	14	28.28	69	5465	---	Engraved
2	F3 LineA-2 Grid-3	13	1	2023	6Diax12	---	14	28.28	67	5307	---	Engraved
3	F2 LineA-3 Grid-4	14	1	2023	6Diax12	---	14	28.28	37	2931	---	Engraved
4	F2 LineA-3 Grid-4	14	1	2023	6Diax12	---	14	28.28	49	3881	---	Engraved
5	F4 LineA-3 Grid-7	15	1	2023	6Diax12	---	14.4	28.28	55	4356	---	Engraved
6	F4 LineA-3 Grid-7	15	1	2023	6Diax12	---	14	28.28	53	4198	---	Engraved
7	F5 LineA-2 Grid-7	15	1	2023	6Diax12	---	14	28.28	33	2614	---	Engraved
8	F5 LineA-2 Grid-7	15	1	2023	6Diax12	---	14	28.28	57	4515	---	Engraved
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory