



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.

2564
 Dr. Umbreen

To: Engr. Khalid Farooq, Sr. Resident Engineer
 The Architects Islamabad.

Project: Construction of Islamabad High Court at Constitution Avenue G-5/1 Islamabad.

Our Ref. No. CL/CED/ 6849

Dated: 12-01-22

Test Specification

Your Ref. No. TA/IHCB/S.O/4228

Dated: 30-10-21

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 11-01-22 **Tested on:** 12-01-22 **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	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2790	29.26	128	9799	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2785	29.26	110	8421	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2740	29.26	128	9799	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2795	29.26	100	7656	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2750	29.26	124	9493	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2805	29.26	130	9952	---	---
7	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2770	29.26	144	11024	---	---
8	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2845	29.26	134	10258	---	---
9	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2790	29.26	144	11024	---	---
10	Rectangular, Red, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2735	29.26	126	9646	---	---
11	Rectangular, Red, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2750	29.26	112	8574	---	---
12	Rectangular, Red, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2695	29.26	132	10105	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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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2566
 Dr. Umbreen

To: (Mr. Maqsood Ahmad), Executive Engineer
 State Bank of Pakistan. SBP Banking Services Corporation (Bank). Project Management Unit.

Project: Construction of Balance Work of SBP New Office Building at Sialkot.

Our Ref. No. CL/CED/ 6850

Dated: 12-01-22

Test Specification

Your Ref. No. ED/929/SKT-NB/2022

Dated: 05-01-22

(----)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-01-22 **Tested on:** 12-01-22 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	Rectangular, Red, 80mm	---	---	---	7.7x3.8x3.0	---	3735	29.26	98	7502	---	---
2	Rectangular, Red, 80mm	---	---	---	7.7x3.8x3.0	---	3775	29.26	98	7502	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.7x3.8x2.3	---	2900	29.26	108	8268	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.7x3.8x2.3	---	2860	29.26	110	8421	---	---
5	I-Section, Grey, 80mm	---	---	---	3.0 thick	---	5130	40.99	163	8908	---	---
6	I-Section, Grey, 80mm	---	---	---	3.0 thick	---	5085	40.99	154	8416	---	---
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
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- **** 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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ORIGINAL
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2565
 Dr. Umbreen

To: Mr. Ahmad Jawad, Director Operations
 Banu Mukhtar Product (Pvt.) Ltd. (Client; Mian Usman Umar & Co.)

Project: Hilal Garrison Sargodha.

Our Ref. No. CL/CED/ 6851

Dated: 12-01-22

Test Specification

Your Ref. No. BMP/DO/UET/009

Dated: 11-01-22

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-01-22 Tested on: 12-01-22 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	A-1	7	12	2021	6x6x6	---	8.8	36	67	4169	---	Engraved
2	A-2	7	12	2021	6x6x6	---	8.8	36	69	4293	---	Engraved
3	B-1	10	12	2021	6x6x6	---	9	36	102	6347	---	Engraved
4	B-2	27	12	2021	6x6x6	---	9	36	86	5351	---	Engraved
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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2552
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division Chakwal.

Project: Estab. of University of Chakwal ADP No.66 for the Year 2020-21. (Group No.4). Const. of Mosque with Domes / Minaret & Vice Chancellor Residence Grade 20 & above group / F.Floor with addit. Items / Our Ref. No. CL/CED/ 6852

Dated: 12-01-22

Test Specification

Your Ref. No. 1481/CKL

Dated: 30-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-01-22 Tested on: 10-01-22 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	RCC (1:1.5:3)	1	11	2021	6x6x6	---	9	36	122	7591	---	Non Engraved
2	RCC (1:1.5:3)	1	11	2021	6x6x6	---	8.8	36	100	6222	---	Non Engraved
3	RCC (1:1.5:3)	1	11	2021	6x6x6	---	9	36	116	7218	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
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2552
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division Chakwal.

Project: Estab. of University of Chakwal (Group No.1). Const. of Academic Block (Department of Electronics Engg.) Ground / First Floor with additional Items & Architectural Features.

Our Ref. No. CL/CED/ 6853

Dated: 12-01-22

Test Specification

Your Ref. No. 1460/CKL

Dated: 25-11-21

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-01-22 Tested on: 10-01-22 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	RCC (1:1.5:3)	27	10	2021	6x6x6	---	8.6	36	79	4916	---	Non Engraved
2	RCC (1:1.5:3)	27	10	2021	6x6x6	---	8.5	36	69	4293	---	Non Engraved
3	RCC (1:1.5:3)	27	10	2021	6x6x6	---	8.5	36	88	5476	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2552
 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division Chakwal.

Project: Estab. of University of Chakwal (Group No.1). Const. of Academic Block (Department of Electronics Engg.) Ground / First Floor with additional Items & Architectural Features.

Our Ref. No. CL/CED/ 6854

Dated: 12-01-22

Test Specification

Your Ref. No. 1273/CKL

Dated: 07-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 07-01-22 Tested on: 10-01-22 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	RCC (1:2:4)	7	9	2021	6x6x6	---	8.6	36	77	4791	---	Non Engraved
2	RCC (1:2:4)	7	9	2021	6x6x6	---	9	36	83	5164	---	Non Engraved
3	RCC (1:2:4)	7	9	2021	6x6x6	---	8.5	36	96	5973	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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/>

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- ** 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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 Dr. Mazhar

To: Sub Divisional Officer
 Buildings Sub Division Chakwal.

Project: Estab. of University of Chakwal ADP No.66 for the Year 2020-21. (Group No.4). Const. of Mosque with Domes / Minaret & Vice Chancellor Residence Grade 20 & above group / F.Floor with addit. Items / Our Ref. No. CL/CED/ 6855

Dated: 12-01-22

Test Specification

Your Ref. No. 1283/CKL

Dated: 09-10-21

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 07-01-22 Tested on: 10-01-22 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	RCC (1:2:4)	7	9	2021	6x6x6	---	9	36	100	6222	---	Non Engraved
2	RCC (1:2:4)	7	9	2021	6x6x6	---	8.8	36	59	3671	---	Non Engraved
3	RCC (1:2:4)	7	9	2021	6x6x6	---	8.8	36	98	6098	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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2547
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division Chakwal.

Project: Estab. of University of Chakwal (Group No.1). Const. of Academic Block (Department of Electronics Engg.) Ground / First Floor with additional Items & Architectural Features.

Our Ref. No. CL/CED/ 6856

Dated: 12-01-22

Test Specification

Your Ref. No. 1471/CKL

Dated: 27-11-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 07-01-22 Tested on: 12-01-22 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	AR	---	---	---	8.8 x 4.3 x 2.9	---	3145	37.84	63	3729	---	---
2	AR	---	---	---	8.7 x 4.2 x 3	---	3075	36.54	65	3985	---	---
3	AR	---	---	---	8.8 x 4.3 x 2.9	---	3160	37.84	65	3848	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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/>

- * 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.

2547
 Dr. Umbreen

To: Sub Divisional Officer
 Buildings Sub Division Chakwal.

Project: Estab. of University of Chakwal ADP No.66 for the Year 2020-21. (Group No.4). Const. of Mosque with Domes / Minaret & Vice Chancellor Residence Grade 20 & above group / F.Floor with addit. Items / Our Ref. No. CL/CED/ 6857

Dated: 12-01-22

Test Specification

Your Ref. No. 1492/CKL

Dated: 02-12-21

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 07-01-22 Tested on: 12-01-22 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	AR	---	---	---	8.8 x 4.3 x 2.8	---	3190	37.84	65	3848	---	---
2	AR	---	---	---	8.7 x 4.3 x 2.9	---	3080	37.41	67	4012	---	---
3	AR	---	---	---	8.8 x 4.2 x 2.9	---	3195	36.96	65	3939	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory