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.

4731
Dr. Mazhar

To: **Mr. Khalid Bashir**
Ittefaq Building Solutions Pvt. Ltd.

Project: Atif Plaza, Lawrance Road, Lahore.

Our Ref. No. CL/CED/ 1106 **Dated: 08-02-23** **Test Specification**

Your Ref. No. IBS/AL/CT-05 **Dated: 07-02-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-23 **Tested on:** 08-02-23 **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	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
2	2nd Floor Col. (4000 Psi)	22	12	2022	6Diax12	---	13.2	28.28	73	5782	---	Non Engraved
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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
A carbon copy for the report has been retained in the lab for record.

4731
Dr. Mazhar

To: **Mr. Khalid Bashir**
Ittefaq Building Solutions Pvt. Ltd.

Project: Atif Plaza, Lawrance Road, Lahore.

Our Ref. No. CL/CED/ 1107 **Dated: 08-02-23** **Test Specification**

Your Ref. No. IBS/AL/CT-05 **Dated: 07-02-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-23 **Tested on:** 08-02-23 **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	1st Floor Col. (4000 Psi)	8	12	2022	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
2	1st Floor Col. (4000 Psi)	8	12	2022	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4718
Dr. M. Yousaf

To: **Mr. Shakeel Salamat**
3A Tiles, Model Town, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 1108 **Dated: 08-02-23** **Test Specification**

Your Ref. No. Nil **Dated: 06-02-23** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 06-02-23 Tested on: 07-02-23 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	---	---	---	7.8x3.8x3.2	---	3750	29.64	100	7557	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.2	---	3830	29.64	124	9371	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.2	---	3760	29.64	122	9220	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.8x3.8x3.2	---	3745	29.64	42	3174	---	---
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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**

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

4733
Dr. M. Mazhar

To: Mr. Ayhan Sarica
Project Manager, ABM

Project: New Pet Line Project Sadhoke Gujranwala

Our Ref. No. CL/CED/ 1109 Dated: 08-02-23 **Test Specification**

Your Ref. No. ABMP-8/2023 Dated: 06-02-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07-02-23 **Tested on:** 08-02-23 **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	C-31	27	1	2023	6x6x6	---	8	36	55	3422	---	Non Engraved
2	C-31	27	1	2023	6x6x6	---	7.8	36	43	2676	---	Non Engraved
3	C-31	27	1	2023	6x6x6	---	8	36	47	2924	---	Non Engraved
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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**

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

4710
Dr. M. Mazhar

To: Prof. Dr. Engr. Abdullah Yasar
Campus Engineer, GC University, Lahore

Project: For the Work of Construction of New Girls Hostel at Main Campus University, Lahore.

Our Ref. No. CL/CED/ 1110 Dated: 08-02-23

Your Ref. No. GCU/Engr/004/A Dated: 02-01-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-23 Tested on: 08-02-23 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 Foundation (1:2:4)	2	1	2023	6x6x6	---	8.6	36	77	4791	---	Non Engraved
2	Raft Foundation (1:2:4)	2	1	2023	6x6x6	---	8.8	36	116	7218	---	Non Engraved
3	Raft Foundation (1:2:4)	2	1	2023	6x6x6	---	8.4	36	104	6471	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
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4715
Dr. M. Mazhar

To: **Assistant Resident Engineer**
JERS Consultants, Lahore. (Contractor: M/S Chaudhary Enterprises)

Project: PCP (Phase-II) Improvement and Construction of Roads in MC, Muridke

Our Ref. No. CL/CED/ 1111 **Dated: 08-02-23** **Test Specification**

Your Ref. No. 488-J01-ARE-2(MDK-R)/15 **Dated: 01-02-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 03-02-23 **Tested on:** 08-02-23 **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	(1:2:4)	5	1	2023	6x6x6	---	8.2	36	83	5164	---	Non Engraved
2	(1:2:4)	5	1	2023	6x6x6	---	8.2	36	114	7093	---	Non Engraved
3	(1:2:4)	5	1	2023	6x6x6	---	8.4	36	88	5476	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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)
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.

4728
Dr. M. Mazhar

To: Engr. Jaffar Hussain Randhawa
Resident Engineer ECSP

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib. (Contractor: M/S Jamil Construction Company)

Our Ref. No. CL/CED/ 1112 Dated: 08-02-23 **Test Specification**

Your Ref. No. ECSP/BGNU/23 Dated: 04-02-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 06-02-23 **Tested on:** 08-02-23 **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	Strip Footing (1:2:4)	8	1	2023	6x6x6	---	8.6	36	92	5724	---	Non Engraved
2	Strip Footing (1:2:4)	8	1	2023	6x6x6	---	8.2	36	57	3547	---	Non Engraved
3	Strip Footing (1:2:4)	8	1	2023	6x6x6	---	8.2	36	53	3298	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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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.

4728
Dr. M. Mazhar

To: Engr. Jaffar Hussain Randhawa
Resident Engineer ECSP

Project: Engineering Consultancy Services for Construction of Baba Guru Nanak University, Nankana Sahib (First Floor Roof Slab Admin Block). (Contractor: M/S Shffiq Construction Company)

Our Ref. No. CL/CED/ 1113 Dated: 08-02-23 **Test Specification**

Your Ref. No. ECSP/BGNU/22 Dated: 04-02-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 06-02-23 **Tested on:** 08-02-23 **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	Roof Slab (1:2:4)	21	12	2022	6x6x6	---	8.8	36	104	6471	---	Engraved
2	Roof Slab (1:2:4)	21	12	2022	6x6x6	---	8.8	36	118	7342	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4653
Dr. M. Mazhar

To: Mr. Arif Siddique
Ideal Construction Service

Project: Construction of FMH Tower Lahore

Our Ref. No. CL/CED/ 1114 **Dated: 08-02-23** **Test Specification**

Your Ref. No. ICS/786/465 **Dated: 25/1/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 25/1/2023 **Tested on:** 08-02-23 **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	---	24	12	2022	6Diax12	---	13	28.28	96	7604	---	Non Engraved
2	---	24	12	2022	6Diax12	---	13.2	28.28	65	5149	---	Non Engraved
3	---	24	12	2022	6Diax12	---	13	28.28	43	3406	---	Non Engraved
4	---	25	12	2022	6Diax12	---	13	28.28	69	5465	---	Non Engraved
5	---	25	12	2022	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
6	---	25	12	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4706
Dr. M. Mazhar

To: Mr. M. Munir (Construction Manager)
Minky & Associates (Pvt) Limited Lahore

Project: Construction of 34-S, Gulberg II, Lahore

Our Ref. No. CL/CED/ 1115 **Dated: 08-02-23** **Test Specification**

Your Ref. No. MA/UET/2322 **Dated: 02-02-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-23 Tested on: 08-02-23 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	---	14	1	2023	6Diax12	---	13	28.28	51	4040	---	Engraved
2	---	14	1	2023	6Diax12	---	13	28.28	53	4198	---	Engraved
3	---	14	1	2023	6Diax12	---	13.2	28.28	52	4119	---	Engraved
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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
A carbon copy for the report has been retained in the lab for record.

4674
Dr. M. Mazhar

To: Ar. Farhan Rasool
Projects Architect, BAB (SMC PVT) Ltd

Project: Construction of Mixed Use Building at Liberty

Our Ref. No. CL/CED/ 1116 **Dated: 08-02-23** **Test Specification**

Your Ref. No. BAB/CR/002 **Dated: 28/1/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2023 **Tested on:** 08-02-23 **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	UGWT & Lift Foundation	31	12	2022	6Diax12	---	13.6	28.28	35	2772	---	Engraved
2	UGWT & Lift Foundation	31	12	2022	6Diax12	---	13.2	28.28	67	5307	---	Engraved
3	UGWT & Lift Foundation	31	12	2022	6Diax12	---	13.8	28.28	53	4198	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4674
Dr. M. Mazhar

To: **Ar. Farhan Rasool**
Projects Architect, BAB (SMC PVT) Ltd

Project: Construction of Mixed Use Building at Liberty

Our Ref. No. CL/CED/ 1117 **Dated: 08-02-23** **Test Specification**

Your Ref. No. BAB/CR/003 **Dated: 28/1/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2023 **Tested on:** 08-02-23 **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	UGWT & Lift Walls	21	1	2023	6Diax12	---	13	28.28	59	4673	---	Engraved
2	UGWT & Lift Walls	21	1	2023	6Diax12	---	12.8	28.28	57	4515	---	Engraved
3	UGWT & Lift Walls	21	1	2023	6Diax12	---	13.2	28.28	57	4515	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4726
Dr. M. Mazhar

To: Ar. Farhan Rasool
Projects Architect, HKB Retail (SMC PVT) Ltd

Project: Construction of Mixed Use Building at Liberty

Our Ref. No. CL/CED/ 1118 **Dated: 08-02-23** **Test Specification**

Your Ref. No. HKB/CR/004 **Dated: 06-02-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 6/2/2023 **Tested on:** 08-02-23 **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	Slab at 2nd Floor (3000 Psi)	8	1	2023	6Diax12	---	13	28.28	31	2455	---	Engraved
2	Slab at 2nd Floor (3000 Psi)	8	1	2023	6Diax12	---	13.8	28.28	37	2931	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4682
Dr. M. Mazhar

To: **Mr. Waqas Masood**
ZBS Zeco Building System (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1119 **Dated: 08-02-23** **Test Specification**

Your Ref. No. Nil **Dated: 31-01-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 31-01-23 Tested on: 08-02-23 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	---	31	12	2022	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
2	---	31	12	2022	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
3	---	31	12	2022	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4693
Dr. M. Mazhar

To: Mr. Muhammad Asif
Canal44 Luxury Apartments

Project: Nil

Our Ref. No. CL/CED/ 1120 **Dated:** 08-02-23

Your Ref. No. Nil **Dated:** Nil

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 1/2/2023 **Tested on:** 08-02-23 **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	3750 Psi	20	12	2022	6Diax12	---	13	28.28	59	4673	---	Engraved
2	3750 Psi	20	12	2022	6Diax12	---	13	28.28	69	5465	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

4693
Dr. M. Mazhar

To: **Mr. Muhammad Asif**
Canal44 Luxury Apartments

Project: Nil

Our Ref. No. CL/CED/ 1121 **Dated: 08-02-23** **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: 01-02-23 Tested on: 08-02-23 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	3750 Psi	13	1	2023	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
2	3750 Psi	13	1	2023	6Diax12	---	13.4	28.28	55	4356	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

4724
Dr. M. Mazhar

To: Mr. Ilyas Majeed Sheikh
Chairman Eagle Developers

Project: Project of Dream Galleria, Dream Garden, Lahore

Our Ref. No. CL/CED/ 1122 **Dated:** 08-02-23 **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: 6/2/2023 **Tested on:** 08-02-23 **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	---	31	1	2023	6Diax12	---	12.6	28.28	16	1267	---	Non Engraved
2	---	31	1	2023	6Diax12	---	12.8	28.28	18	1426	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

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ORIGINAL
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4673
Dr. M. Mazhar

To: **Ar. Farhan Rasool**
Projects Architect, HKB RETAIL (SMC-PVT) LTD

Project: Construction of Retail Outlet at Iqbal Town Lahore

Our Ref. No. CL/CED/ 1123 **Dated: 08-02-23** **Test Specification**

Your Ref. No. HKB/CR/003 **Dated: 28/1/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 30/1/2023 **Tested on:** 08-02-23 **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	Slab at 1st Floor (3000 Psi)	31	12	2022	6Diax12	---	12.6	28.28	25	1980	---	Engraved
2	Slab at 1st Floor (3000 Psi)	31	12	2022	6Diax12	---	13	28.28	31	2455	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

4704
Dr. M. Yousaf

To: Sub Divisonal Officer
Buildings Sub Division No. 6, Lahore

Project: Construction of Office Complex for Directorate General Punjab Probation and Parole Service Lahore.

Our Ref. No. CL/CED/ 1124 Dated: 08-02-23 Test Specification

Your Ref. No. 237/Sd-6th Dated: 17/1/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 02-02-23 Tested on: 07-02-23 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	Talwar	---	---	---	9 x 4.1 x 3.1	---	3290	36.9	40	2428	---	---
2	Talwar	---	---	---	8.9 x 4 x 3	---	3240	35.6	50	3146	---	---
3	Talwar	---	---	---	9.1 x 4.2 x 2.9	---	3295	38.22	42	2462	---	---
4	Talwar	---	---	---	9 x 4.2 x 3	---	3245	37.8	50	2963	---	---
5	Talwar	---	---	---	9 x 4.2 x 3	---	3250	37.8	50	2963	---	---
6	Talwar	---	---	---	9.1 x 4.2 x 3.1	---	3220	38.22	42	2462	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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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
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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.

4666
Dr. Aqsa

To: (Mr. Imran Sattar) Divisional Forest Officer
Office of the Divisional Forest Officer Kasur Forest Division at Changa Manga

Project: Construction of Boundary Wall at Changa Manga Irrigated Plantation.

Our Ref. No. CL/CED/ 1125 **Dated:** 08-02-23 **Test Specification**

Your Ref. No. 518/AC **Dated:** 22-12-22 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 27/1/2023 **Tested on:** 08-02-23 **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	M.A	---	---	---	8.8 x 4.3 x 2.9	---	3240	37.84	34	2013	---	---
2	M.A	---	---	---	8.8 x 4.2 x 3	---	3250	36.96	38	2303	---	---
3	M.A	---	---	---	8.7 x 4.3 x 3	---	3245	37.41	27	1617	---	---
4	M.A	---	---	---	8.8 x 4.4 x 2.9	---	3250	38.72	42	2430	---	---
5	M.A	---	---	---	8.5 x 4.3 x 2.9	---	3270	36.55	44	2697	---	---
6	ST	---	---	---	8.9 x 4.3 x 3.1	---	3460	38.27	40	2341	---	---
7	ST	---	---	---	8.6 x 4.2 x 2.9	---	3260	36.12	41	2543	---	---
8	ST	---	---	---	8.7 x 4.2 x 2.9	---	3365	36.54	46	2820	---	---
9	ST	---	---	---	8.8 x 4.3 x 2.9	---	3300	37.84	41	2427	---	---
10	ST	---	---	---	8.9 x 4.3 x 3	---	3320	38.27	47	2751	---	---
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Witnessed by:

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