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.

7954
Dr. M. Yousaf

To: Mr. Tariq Fateh
Project Manager, Jilani Poly-2 Construction. (JILANI POLY INDUSTRIES PVT LTD)

Project: Construction of Jilani Poly-2 Extension Sheikhupura. (F-E/3 CF-3 Pak Mix)

Our Ref. No. CL/CED/ 6064 Dated: 04-10-24

Your Ref. No. JP-2/UET/2024/C-006 Dated: 07-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 07-10-24 Tested on: 07-10-24 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 (3000 Psi)	8	9	2024	6x6x6	---	8.2	36	61	3796	---	Non Engraved
2	# 15 (3000 Psi)	8	9	2024	6x6x6	---	8	36	77	4791	---	Non Engraved
3	# 16 (3000 Psi)	8	9	2024	6x6x6	---	8	36	80	4978	---	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
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7912
Dr. M. Yousaf

To: Engr. Akbar
Greenland Housing Scheme, Opp. Manawan Training Center.

Project: Nil

Our Ref. No. CL/CED/ 6069 **Dated:** 07-10-24 **Test Specification**

Your Ref. No. 30092024/003 **Dated:** 30-09-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 30-09-24 **Tested on:** 07-10-24 **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, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2675	29.26	30	2297	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2540	29.26	27	2067	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2470	29.26	23	1761	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2515	29.26	44	3368	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2545	29.26	28	2144	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as 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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7912
Dr. M. Yousaf

To: Engr. Akbar
Greenland Housing Scheme, Opp. Manawan Training Center.

Project: Nil

Our Ref. No. CL/CED/ 6070 Dated: 07-10-24 Test Specification

Your Ref. No. 30092024/002 Dated: 30-09-24 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 30-09-24 Tested on: 07-10-24 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, 50mm	---	---	---	7.7 x 3.8 x 1.9	---	2250	29.26	83	6354	---	---
2	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 1.9	---	2245	29.26	100	7656	---	---
3	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 1.9	---	2270	29.26	58	4440	---	---
4	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 1.9	---	2200	29.26	84	6431	---	---
5	Rectangular, Grey, 50mm	---	---	---	7.7 x 3.8 x 1.9	---	2205	29.26	93	7120	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
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7853
Dr. M. Yousaf

To: Assistant Director (Technical-II)
Anti-Corruption Establishment, Multan Region, Multan.

Project: Test Reports Regarding Enquiry No. 311/2020

Our Ref. No. CL/CED/ 6071-1 of 2 **Dated: 07-10-24** **Test Specification**

Your Ref. No. ACE. MR-(311)/2020/5932 **Dated: 21-09-24** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-09-24 **Tested on:** 07-10-24 **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	SJ	---	---	---	8.6 x 4.1 x 2.6	---	2665	35.26	26	1652	---	Used Sample, Chak#123/10-R
2	SJ	---	---	---	8.5 x 4.2 x 2.6	---	2535	35.7	28	1757	---	Used Sample, Chak#123/10-R
3	SJ	---	---	---	8.6 x 4 x 2.6	---	2640	34.4	28	1823	---	Used Sample, Chak#123/10-R
4	SJ	---	---	---	8.8 x 4.2 x 2.5	---	2525	36.96	18	1091	---	Used Sample, Chak#123/10-R
5	SJ	---	---	---	8.7 x 4 x 2.6	---	2580	34.8	24	1545	---	Used Sample, Chak#123/10-R
6	S	---	---	---	8.6 x 4 x 2.8	---	2735	34.4	25	1628	---	Used Sample, Chak#135/10-R
7	S	---	---	---	8.5 x 4 x 2.6	---	2585	34	24	1581	---	Used Sample, Chak#135/10-R
8	S	---	---	---	8.5 x 4 x 2.5	---	2650	34	29	1911	---	Used Sample, Chak#135/10-R
9	S	---	---	---	8.6 x 4 x 2.6	---	2735	34.4	34	2214	---	Used Sample, Chak#135/10-R
10	S	---	---	---	8.5 x 4 x 2.5	---	2665	34	18	1186	---	Used Sample, Chak#135/10-R
11	SJ	---	---	---	8.7 x 4.1 x 2.6	---	2400	35.67	16	1005	---	Used Sample, Chak#136/10-R
12	SJ	---	---	---	8.6 x 4.2 x 2.6	---	2510	36.12	20	1240	---	Used Sample, Chak#136/10-R
13	SJ	---	---	---	8.6 x 4.1 x 2.5	---	2400	35.26	18	1144	---	Used Sample, Chak#136/10-R
14	SJ	---	---	---	8.5 x 4 x 2.6	---	2635	34	18	1186	---	Used Sample, Chak#136/10-R
15	SJ	---	---	---	8.6 x 4 x 2.5	---	2605	34.4	10	651	---	Used Sample, Chak#136/10-R
16	---	---	---	---	---	---	---	---	---	---	---	---

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1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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7853
Dr. M. Yousaf

To: Assistant Director (Technical-II)
Anti-Corruption Establishment, Multan Region, Multan.

Project: Test Reports Regarding Enquiry No. 311/2020

Our Ref. No. CL/CED/ 6071-2 of 2 **Dated: 07-10-24** **Test Specification**

Your Ref. No. ACE. MR-(311)/2020/5932 **Dated: 21-09-24** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-09-24 **Tested on:** 07-10-24 **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	CB	---	---	---	8.7 x 4.1 x 2.6	---	2720	35.67	24	1507	---	Used Sample, Chak#137/10-R
2	CB	---	---	---	8.7 x 4.1 x 2.6	---	2825	35.67	26	1633	---	Used Sample, Chak#137/10-R
3	CB	---	---	---	8.6 x 4 x 2.5	---	2670	34.4	22	1433	---	Used Sample, Chak#137/10-R
4	CB	---	---	---	8.6 x 4 x 2.6	---	2645	34.4	18	1172	---	Used Sample, Chak#137/10-R
5	CB	---	---	---	8.7 x 4 x 2.6	---	2760	34.8	27	1738	---	Used Sample, Chak#137/10-R
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7853
Dr. M. Yousaf

To: Assistant Director (Technical-II)
Anti-Corruption Establishment, Multan Region, Multan.

Project: Test Reports Regarding Enquiry No. 396/2023

Our Ref. No. CL/CED/ 6072 **Dated: 07-10-24** **Test Specification**

Your Ref. No. ACE. MR-(396)/2023/5928 **Dated: 21-09-24** **(BS 3921**)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 23-09-24 **Tested on:** 07-10-24 **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	Machine Made-1	---	---	---	9 x 4.3 x 2.6	---	3190	38.7	46	2663	---	Used Sample, RD=27+10
2	Machine Made-1	---	---	---	9 x 4.4 x 2.6	---	3310	39.6	26	1471	---	Used Sample, RD=27+10
3	Machine Made-1	---	---	---	9 x 4.4 x 2.6	---	3225	39.6	40	2263	---	Used Sample, RD=27+10
4	Machine Made-1	---	---	---	9 x 4.4 x 2.5	---	3025	39.6	40	2263	---	Used Sample, RD=27+10
5	Machine Made-1	---	---	---	9 x 4.3 x 2.5	---	3165	38.7	39	2257	---	Used Sample, RD=27+10
6	---	---	---	---	---	---	---	---	---	---	---	---
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7524
Dr. M. Yousaf

To: Mr. Muhammad Saqib Haider
Assistant Resident Engineer, Package-III (PCP) Jhang, MM Pakistan (Pvt) Ltd.

Project: Providing and Laying of Sewerage Network (Zone-1) in Jhang City.

Our Ref. No. CL/CED/ 6073 **Dated: 07-10-24** **Test Specification**

Your Ref. No. MMP/1095/Jhang/SEW-Z1/222B **Dated: 06-07-24** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 30-07-24 **Tested on:** 07-10-24 **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	ARB	---	---	---	8 x 3.7 x 2.5	---	2390	29.6	28	2119	---	---
2	ARB	---	---	---	8.1 x 3.8 x 2.6	---	2380	30.78	30	2183	---	---
3	ARB	---	---	---	8 x 3.7 x 2.5	---	2385	29.6	28	2119	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL
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7887
Dr. M. Yousaf

To: Mr. Muhammad Ali
Manager, Punjab Tiles

Project: Nil

Our Ref. No. CL/CED/ 6074 **Dated:** 07-10-24 **Test Specification**

Your Ref. No. Nil **Dated:** 25-09-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 26-09-24 **Tested on:** 07-10-24 **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	Terrazzo Tile (White)	---	---	---	6x6x1.2	---	1700	36	100	6222	---	---
2	Terrazzo Tile (White)	---	---	---	6x6x1.2	---	1745	36	85	5289	---	---
3	Terrazzo Tile (Pink)	---	---	---	6x6x1.2	---	1665	36	90	5600	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7910
Dr. M. Yousaf

To: Resident Engineer
Al-Imam Enterprises (Pvt) Ltd. 47-L, Model Town Extension, Lahore.

Project: Construction of Zonal Office Building of Bank AL Habib Limited, Main Boulevard Gulberg, Lahore. (Civil & Structure Works Package)

Our Ref. No. CL/CED/ 6075 Dated: 07-10-24

Your Ref. No. Alm/BAHL/0930/3009 Dated: 30-09-24

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30-09-24 Tested on: 07-10-24 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	(4000 Psi)	22	9	2024	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
2	(4000 Psi)	22	9	2024	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
3	(4000 Psi)	22	9	2024	6Diax12	---	15	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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/

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.

7901
Dr. M. Yousaf

To: Mr. Syed Azhar Hussain
Resident Engineer, PRSWSS Project, Techno-Consult International (Pvt) Ltd.

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Noorpurthal City, District Khushab. (Nawa Sagu Village)

Our Ref. No. CL/CED/ 6076 Dated: 07-10-24 **Test Specification**

Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-05/028 Dated: 20-09-24 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30-09-24 **Tested on:** 07-10-24 **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	OHR Columns (4000 Psi)	2	9	2024	6Diax12	---	14	28.28	61	4832	---	Non Engraved
2	OHR Columns (4000 Psi)	2	9	2024	6Diax12	---	14	28.28	34	2693	---	Non Engraved
3	OHR Columns (4000 Psi)	2	9	2024	6Diax12	---	14	28.28	40	3168	---	Non Engraved
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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7901
Dr. M. Yousaf

To: Mr. Syed Azhar Hussain
Resident Engineer, PRSWSS Project, Techno-Consult International (Pvt) Ltd.

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Noorpurthal City, District Khushab. (Nawa Sagu Village)

Our Ref. No. CL/CED/ 6077 Dated: 07-10-24 **Test Specification**

Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-05/027 Dated: 20-09-24 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30-09-24 **Tested on:** 07-10-24 **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	OHR Bracing Beam (4000 Psi)	21	8	2024	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	OHR Bracing Beam (4000 Psi)	21	8	2024	6Diax12	---	14	28.28	35	2772	---	Non Engraved
3	OHR Bracing Beam (4000 Psi)	21	8	2024	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7839
Dr. M. Yousaf

To: Mr. Muhammad Asif
Site Incharge, Canal 44 Luxury Apartments.

Project: Nil

Our Ref. No. CL/CED/ 6078 Dated: 07-10-24 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: 19-09-24 Tested on: 07-10-24 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	---	7	9	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
2	---	7	9	2024	6Diax12	---	13	28.28	24	1901	---	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/

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.

7923
Dr. M. Yousaf

To: Noor Ul Huda
Quantity Surveyor, Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6079 Dated: 07-10-24

Your Ref. No. PCS/24/Eng-71-A Dated: 25-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-10-24 Tested on: 07-10-24 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	Top Roof Slab P-01 (3000 Psi)	20	8	2024	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	Top Roof Slab P-01 (3000 Psi)	20	8	2024	6Diax12	---	14	28.28	53	4198	---	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/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7923
Dr. M. Yousaf

To: Noor Ul Huda
Quantity Surveyor, Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank Limited Link Road Branch, Lahore.

Our Ref. No. CL/CED/ 6080 Dated: 07-10-24

Your Ref. No. PCS/24/Eng-71-B Dated: 25-09-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-10-24 Tested on: 07-10-24 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	O.H.W.T Walls (4000 Psi)	28	8	2024	6Diax12	---	13.6	28.28	47	3723	---	Non Engraved
2	O.H.W.T Walls (4000 Psi)	28	8	2024	6Diax12	---	13.2	28.28	51	4040	---	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/

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.

7928
Dr. M.Yousaf

To: Mr. Muhammad Jamil Bhatti
Production Manager, Progress Dynamics (Pvt) Ltd.

Project: Project of Pharmagen.

Our Ref. No. CL/CED/ 6081 Dated: 07-10-24

Your Ref. No. Testing/24-25/00011 Dated: 30-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-10-24 Tested on: 07-10-24 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	---	12	9	2024	6x6x6	---	8.6	36	75	4667	---	Non Engraved
2	---	12	9	2024	6x6x6	---	8.4	36	84	5227	---	Non Engraved
3	---	13	9	2024	6x6x6	---	9	36	59	3671	---	Non Engraved
4	---	13	9	2024	6x6x6	---	9	36	75	4667	---	Non Engraved
5	---	14	9	2024	6x6x6	---	8.2	36	46	2862	---	Non Engraved
6	---	14	9	2024	6x6x6	---	8.4	36	44	2738	---	Non Engraved
7	---	16	9	2024	6x6x6	---	8.2	36	65	4044	---	Non Engraved
8	---	16	9	2024	6x6x6	---	8	36	79	4916	---	Non Engraved
9	---	18	9	2024	6x6x6	---	9	36	80	4978	---	Non Engraved
10	---	18	9	2024	6x6x6	---	8.2	36	54	3360	---	Non Engraved
11	---	22	9	2024	6x6x6	---	8.8	36	92	5724	---	Non Engraved
12	---	22	9	2024	6x6x6	---	8.6	36	59	3671	---	Non Engraved
13	---	23	9	2024	6x6x6	---	9	36	75	4667	---	Non Engraved
14	---	23	9	2024	6x6x6	---	9	36	36	2240	---	Non Engraved
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7909
Dr. M.Yousaf

To: Mr. Muhammad Ahmed
Site Incharge, M/s Eastern Housing Lahore.

Project: MAS House Gulberg, Lahore.

Our Ref. No. CL/CED/ 6082-1 of 2 Dated: 07-10-24

Your Ref. No. Nil Dated: 30-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 30-09-24 Tested on: 07-10-24 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	DG Khan Cement	12	8	2024	6x6x6	---	9	36	79	4916	---	Engraved
2	Lucky Cement	12	8	2024	6x6x6	---	8.4	36	51	3173	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7927
Dr. M.Yousaf

To: Mr. Muhammad Arif
Contract Manager, For Thaheem Construction Company.

Project: (CUTTING UNIT EXT WITH FIRST, MEZZANINE AND SECOND FLOOR) AT SAPPHIRE STITCHING (UNIT-8), LAHORE.

Our Ref. No. CL/CED/ 6083 Dated: 07-10-24

Your Ref. No. TCC/UET/715 Dated: 02-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 02-10-24 Tested on: 07-10-24 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	First Floor Slab	25	9	2024	6x6x6	---	8.8	36	34	2116	---	Engraved
2	First Floor Slab	25	9	2024	6x6x6	---	8.6	36	36	2240	---	Engraved
3	First Floor Slab	25	9	2024	6x6x6	---	8.6	36	35	2178	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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.

7935
Dr. M.Yousaf

To: CM Engineering (Pvt) Ltd.
CM Building # 36 Block-17, Sector B-1 Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPLHR0195

Our Ref. No. CL/CED/ 6084 Dated: 07-10-24

Your Ref. No. CME/Cubes/ Tawal/2100 Dated: 02-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-10-24 Tested on: 07-10-24 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	Tower Raft (1:1.5:3)	25	9	2024	6x6x6	---	8.4	36	41	2551	---	Non Engraved
2	Tower Raft (1:1.5:3)	25	9	2024	6x6x6	---	8.8	36	64	3982	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7935
Dr. M.Yousaf

To: CM Engineering (Pvt) Ltd
CM Building # 36 Block-17, Sector B-1 Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPJLM0003

Our Ref. No. CL/CED/ 6085 Dated: 07-10-24

Your Ref. No. CME/Cubes/ Tawal/2101 Dated: 29-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-10-24 Tested on: 07-10-24 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	Tower Raft (1:1.5:3)	22	9	2024	6x6x6	---	8.4	36	37	2302	---	Non Engraved
2	Tower Raft (1:1.5:3)	22	9	2024	6x6x6	---	8.2	36	34	2116	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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.

7935
Dr. M.Yousaf

To: CM Engineering (Pvt) Ltd
CM Building # 36 Block-17, Sector B-1 Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPJLM0003

Our Ref. No. CL/CED/ 6086 Dated: 07-10-24

Your Ref. No. CME/Cubes/ Tawal/2102 Dated: 02-10-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-10-24 Tested on: 07-10-24 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	Tower Column (1:1.5:3)	25	9	2024	6x6x6	---	8	36	37	2302	---	Non Engraved
2	Tower Column (1:1.5:3)	25	9	2024	6x6x6	---	8.8	36	56	3484	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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.

7935
Dr. M.Yousaf

To: CM Engineering (Pvt) Ltd
CM Building # 36 Block-17, Sector B-1 Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: ATTNK01

Our Ref. No. CL/CED/ 6087 Dated: 07-10-24

Your Ref. No. CME/Cubes/ Tawal/2103 Dated: 28-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-10-24 Tested on: 07-10-24 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	Solar Fnd + Solar Columns (1:1.5:3)	21	9	2024	6x6x6	---	8.8	36	47	2924	---	Non Engraved
2	Solar Fnd + Solar Columns (1:1.5:3)	21	9	2024	6x6x6	---	9	36	44	2738	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7935
Dr. M.Yousaf

To: CM Engineering (Pvt) Ltd
CM Building # 36 Block-17, Sector B-1 Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPLDR0006

Our Ref. No. CL/CED/ 6088 **Dated: 07-10-24** **Test Specification**

Your Ref. No. AJ Contractor/ Cubes/Tawal/54 **Dated: 01-10-24** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-10-24 **Tested on:** 07-10-24 **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	ODU PAD (1:1.5:3)	24	9	2024	6x6x6	---	8	36	46	2862	---	Non Engraved
2	ODU PAD (1:1.5:3)	24	9	2024	6x6x6	---	7.6	36	52	3236	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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.

7935
Dr. M.Yousaf

To: CM Engineering (Pvt) Ltd
CM Building # 36 Block-17, Sector B-1 Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPLDR0006

Our Ref. No. CL/CED/ 6089 Dated: 07-10-24

Your Ref. No. AJ Contractor/ Cubes/Tawal/52 Dated: 28-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-10-24 Tested on: 07-10-24 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	Tower Raft+ Solar Raft (1:1.5:3)	21	9	2024	6x6x6	---	8.8	36	38	2364	---	Non Engraved
2	Tower Raft+ Solar Raft	21	9	2024	6x6x6	---	9	36	58	3609	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7935
Dr. M.Yousaf

To: CM Engineering (Pvt) Ltd
CM Building # 36 Block-17, Sector B-1 Quaid-e-Azam Town College Road, Lahore.

Project: Tawal Project Site ID: TWPLDR0006

Our Ref. No. CL/CED/ 6090 Dated: 07-10-24

Your Ref. No. AJ Contractor/ Cubes/Tawal/53 Dated: 29-09-24

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 03-10-24 Tested on: 07-10-24 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	Tower Col + Solar Col. (1:1.5:3)	22	9	2024	6x6x6	---	8.6	36	41	2551	---	Non Engraved
2	Tower Col + Solar Col. (1:1.5:3)	22	9	2024	6x6x6	---	9	36	46	2862	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7917
Dr. M.Yousaf

To: **Executive Engineer**
Buildings Division, Kasur.

Project: Construction of 07-Nos. New Class Rooms in Schools (FCDO) (PESP-II) One at Govt. Primary School Pial Kalan No.2 (01-No. C/R)Tehsil and District Kasur (EMIS Code-35120433).

Our Ref. No. CL/CED/ 6091 **Dated: 07-10-24** **Test Specification**

Your Ref. No. 4308/D **Dated: 30-09-24** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-10-24 Tested on: 07-10-24 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)	16	8	2024	6x6x6	---	8	36	39	2427	---	Non Engraved
2	Roof Slab (1:2:4)	16	8	2024	6x6x6	---	9	36	56	3484	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7917
Dr. M.Yousaf

To: Executive Engineer
Buildings Division, Kasur.

Project: Construction of 07-Nos. New Class Rooms in Schools (FCDO) (PESP-II) One at Govt. Primary School Bunga Sardar Kahan Singh (01-No. C/R)Tehsil Pattoki District Kasur (EMIS Code-35130128).

Our Ref. No. CL/CED/ 6092 **Dated: 07-10-24** **Test Specification**

Your Ref. No. 4306/D **Dated: 30-09-24** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-10-24 Tested on: 07-10-24 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)	6	7	2024	6x6x6	---	8.2	36	54	3360	---	Non Engraved
2	Roof Slab (1:2:4)	6	7	2024	6x6x6	---	8.8	36	65	4044	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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.

7876
Dr. M. Yousaf

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

Project: Construction of Carpet and PCC Streets from H # 242 to 360, C- C-II Street Islami School Bhola Chowk, 3-C-II, H # 24 to 51, 3-C-1 Town Ship UC-236, NA-133 Nishtar Zone, Lahore.

Our Ref. No. CL/CED/ 6093 Dated: 07-10-24

Your Ref. No. 4084/103/MUR/104/1899 Dated: 21-09-24

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25-09-24 Tested on: 07-10-24 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	SS	---	---	---	8.2 x 4 x 2.8	3635	3260	32.8	44	3005	11.5	---
2	SS	---	---	---	8.4 x 4 x 2.8	3505	3255	33.6	40	2667	7.68	---
3	SS	---	---	---	8.6 x 4 x 2.8	3535	3135	34.4	45	2930	12.76	---
4	SS	---	---	---	8.6 x 4 x 2.6	3425	3070	34.4	45	2930	11.56	---
5	SS	---	---	---	8.6 x 4.2 x 2.8	3735	3270	36.12	47	2915	14.22	---
6	SS	---	---	---	8.6 x 4.2 x 2.6	3620	3280	36.12	46	2853	10.37	---
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.

7914
Dr. M. Yousaf

To: Sub Divisional Officer
Building Sub Division, Hafizabad.

Project: Establishment of Govt. Associate College for Girls, Kaliki Mandi, Hafizabad. (ADP Scheme No. 73 for 2024-24)

Our Ref. No. CL/CED/ 6094 Dated: 07-10-24 Test Specification

Your Ref. No. No.86/HZ Dated: 28-09-24 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-10-24 Tested on: 07-10-24 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, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2585	29.26	61	4670	---	---
2	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2635	29.26	107	8191	---	---
3	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2570	29.26	71	5435	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2570	29.26	90	6890	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2745	29.26	62	4746	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.7 x 3.8 x 2.3	---	2630	29.26	88	6737	---	---
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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

7914
Dr. M. Yousaf

To: Sub Divisional Officer
Building Sub Division, Hafizabad.

Project: Construction of the Building DPO Office Hafizabad. (ADP Scheme No. 2790 for 2024-25)

Our Ref. No. CL/CED/ 6095 **Dated: 07-10-24**

Your Ref. No. No.85/HZ **Dated: 28-09-24**

Test Specification
(----)

COMPRESSION TEST REPORT

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

Specimens received on: 01-10-24 **Tested on:** 07-10-24 **in dry/wet condition**

ONLINE REPORT

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	---	---	---	7.7 x 3.8 x 3	---	3650	29.26	86	6584	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3475	29.26	64	4900	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3620	29.26	79	6048	---	---
4	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3660	29.26	85	6507	---	---
5	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3710	29.26	66	5053	---	---
6	Rectangular, Grey, 80mm	---	---	---	7.7 x 3.8 x 3	---	3585	29.26	91	6967	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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**