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.

2212
Dr. Umbreen

To: Al Hadi Textile (Pvt.) Ltd.
3.5 Km Rohi Nala (Hudiara Drain) off 22km, Ferozepur Road Lahore-Cantt Pakistan

Project: Al Hadi Textile (Pvt.) Ltd.

Our Ref. No. CL/CED/ 6306 Dated: 09-11-21 Test Specification

Your Ref. No. Nill Dated: 08-11-21 (----)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 08-11-21 Tested on: 08-11-21 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	---	---	---	7.8x3.8x3.1	---	3520	29.64	96	7255	---	---
2	Rectangular, Grey 80mm	---	---	---	7.8x3.8x3.1	---	3705	29.64	92	6953	---	---
3	Rectangular, Grey 80mm	---	---	---	7.8x3.8x3.1	---	3600	29.64	81	6121	---	---
4	Rectangular, Grey 80mm	---	---	---	7.8x3.8x3.1	---	3805	29.64	104	7860	---	---
5	Rectangular, Grey 80mm	---	---	---	7.8x3.8x3.1	---	3480	29.64	106	8011	---	---
6	Rectangular, Grey 80mm	---	---	---	7.8x3.8x3.1	---	3535	29.64	116	8767	---	---
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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**

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ORIGINAL
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2204
Dr. Mazhar

To: Mr. Hussain Abid
Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd.

Project: Master Textile Mills Ltd. (Extension of Spinning unit M-7)

Our Ref. No. CL/CED/ 6307 Dated: 09-11-21

Your Ref. No. IBS/M-7/Foundation/EF/50~53 Dated: 04-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 04-11-21 Tested on: 08-11-21 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	Foundation (Line EF/Grid 50~53)	2	10	21	6Diax12	---	15	28.28	49	3881	---	Engraved
2	Foundation (Line EF/Grid 50~53)	2	10	21	6Diax12	---	13.8	28.28	43	3406	---	Engraved
3	Foundation (Line EF/Grid 50~53)	2	10	21	6Diax12	---	15	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 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**

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ORIGINAL
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2204
Dr. Mazhar

To: Mr. Hussain Abid
Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd.

Project: Master Textile Mills Ltd. (Extension of Spinning unit M-7)

Our Ref. No. CL/CED/ 6308 Dated: 09-11-21

Your Ref. No. IBS/M-7/Columns/D/53~51 Dated: 04-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 04-11-21 Tested on: 08-11-21 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	Columns (Line D/Grid 53~51)	4	10	21	6Diax12	---	14.4	28.28	65	5149	---	Engraved
2	Columns (Line D/Grid 53~51)	4	10	21	6Diax12	---	14.6	28.28	65	5149	---	Engraved
3	Columns (Line D/Grid 53~51)	4	10	21	6Diax12	---	15	28.28	67	5307	---	Engraved
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
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**

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2195
Dr. Aqsa

To: Mr. Muhammad Khalid Zaman, Resident Engineer
Engineering Consultancy Services Punjab (PVT.) Ltd.

Project: Supply, Construction, Installation and O&M of Surface Water Treatment Plant at Rural Area Okara, Sahiwal.

Our Ref. No. CL/CED/ 6309 Dated: 09-11-21

Your Ref. No. ECSP/PAPA/CZ-RN-15 Dated: 29-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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	Chak 28/1AL 2nd Pouring (1:2:4)	25	9	21	6Diax12	---	13	28.28	57	4515	---	Non Engraved
2	Chak 28/1AL 2nd Pouring (1:2:4)	25	9	21	6Diax12	---	13.2	28.28	69	5465	---	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 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)
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ORIGINAL
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2184
Dr. Aqsa

To: Project Manager
Q-Links Property Management Pv.Ltd.

Project: Broadway Heights-3, Bahria Town, Lahore

Our Ref. No. CL/CED/ 6310 Dated: 09-11-21

Your Ref. No. QLC-BO-BH2-2021-085 Dated: 01-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 (Grid # 15-25) (3000 Psi)	4	10	21	6Diax12	---	13	28.28	23	1822	---	Non Engraved
2	1st Floor (Grid # 15-25) (3000 Psi)	4	10	21	6Diax12	---	13	28.28	24	1901	---	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 compressive strength

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

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2209
Dr. Aqsa

To: Engr. Muhammad Akbar, CEO
NAM Associates Engineers and Architects, 98-E, Model Town Lahore

Project: MCB Bank Township, Lahore

Our Ref. No. CL/CED/ 6311 Dated: 09-11-21

Your Ref. No. NAM-424/23 Dated: 08-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 08-11-21 Tested on: 09-11-21 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	10	21	6Diax12	---	14	28.28	51	4040	---	Non Engraved
2	---	12	10	21	6Diax12	---	14	28.28	53	4198	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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2207
Dr. Aqsa

To: Lt Col (Ubaid Ur Rehman, Retd) SPM(JV) PEC Bldg Proj
NLC Engineers-Tijaarat Developers(JV)

Project: Construction of PEC Regional Office, Lahore

Our Ref. No. CL/CED/ 6312 **Dated: 09-11-21**

Your Ref. No. 901/NLC-TD (JV)/PEC/395 **Dated: 05-11-21**

Test Specification
(ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 05-11-21 Tested on: 09-11-21 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	4th Floor Slab Part-2 (1304)	5	10	21	6Diax12	---	13	28.28	71	5624	---	Non Engraved
2	4th Floor Slab Part-2 (1306)	5	10	21	6Diax12	---	13	28.28	49	3881	---	Non Engraved
3	4th Floor Slab Part-2 (1310)	5	10	21	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
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
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)
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2207
Dr. Aqsa

To: Lt Col (Ubaid Ur Rehman, Retd) SPM(JV) PEC Bldg Proj
NLC Engineers-Tijaarat Developers(JV)

Project: Construction of PEC Regional Office Lahore

Our Ref. No. CL/CED/ 6313 **Dated: 09-11-21**

Your Ref. No. 901/NLC-TD (JV)/PEC/396 **Dated: 05-11-21**

Test Specification
(ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 08-11-21 **Tested on:** 09-11-21 **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	4th Floor Lift Wall (1317)	8	10	21	6Diax12	---	13.2	28.28	77	6099	---	Non Engraved
2	4th Floor Lift Wall (1320)	8	10	21	6Diax12	---	13	28.28	94	7446	---	Non Engraved
3	4th Floor Lift Wall (1324)	8	10	21	6Diax12	---	13	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

2205
Dr. Aqsa

To: Muhammad Saleem G.M
Professional Construction Services (Pvt.) Ltd.

Project: Construction of ABL PIA Employees Society Lahore

Our Ref. No. CL/CED/ 6314 Dated: 09-11-21

Your Ref. No. PCS/21/Eng-128 Dated: 04-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 04-11-21 Tested on: 09-11-21 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	Lift Wall (1:2:4)	3	10	21	6Diax12	---	13.6	28.28	47	3723	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

2205
Dr. Aqsa

To: Muhammad Saleem G.M
Professional Construction Services (Pvt.) Ltd.

Project: Construction of ABL PIA Employees Society Lahore

Our Ref. No. CL/CED/ 6315 Dated: 09-11-21

Your Ref. No. PCS/21/Eng-128-A Dated: 04-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 04-11-21 Tested on: 09-11-21 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	Lift Wall (1:2:4)	3	10	21	6Diax12	---	14	28.28	47	3723	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

2210
Dr. Aqsa

To: Mr. Muhammad Azeem (Operation Manager)
Amer Adnan Associates 17-E-II Gulberg III Lahore.

Project: Hotel Building at 24-A Block E/2 at Gulberg III Lahore

Our Ref. No. CL/CED/ 6316 Dated: 09-11-21

Your Ref. No. AAA/24A./0059 Dated: 08-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 08-11-21 Tested on: 09-11-21 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	3000 Psi	29	10	21	6Diax12	---	13.8	28.28	57	4515	---	Engraved
2	3000 Psi	29	10	21	6Diax12	---	14.4	28.28	59	4673	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

2210
Dr. Aqsa

To: Mr. Muhammad Azeem (Operation Manager)
Amer Adnan Associates 17-E-II Gulberg III Lahore

Project: Hotel Building at 24-A Block E/2 at Gulberg III Lahore

Our Ref. No. CL/CED/ 6317 Dated: 09-11-21

Your Ref. No. AAA/24A./0060 Dated: 08-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 08-11-21 Tested on: 09-11-21 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	5000 Psi	10	10	21	6Diax12	---	14.2	28.28	42	3327	---	Engraved
2	5000 Psi	10	10	21	6Diax12	---	14.4	28.28	51	4040	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

2185
Dr. Aqsa

To: Project Manager
Q-Links Property Management Pvt. Ltd.

Project: Orchard Mall, Bahria Orchard Lahore

Our Ref. No. CL/CED/ 6318 Dated: 09-11-21

Your Ref. No. QLC-BO-BH2-2021-087 Dated: 02-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 Lift (3750 Psi)	6	10	21	6Diax12	---	14	28.28	41	3248	---	Non Engraved
2	2nd Floor Lift (3750 Psi)	6	10	21	6Diax12	---	14	28.28	37	2931	---	Non Engraved
3	2nd Floor Lift (3750 Psi)	6	10	21	6Diax12	---	13.2	28.28	41	3248	---	Non Engraved
4	2nd Floor Column (5000 Psi)	6	10	21	6Diax12	---	14.2	28.28	63	4990	---	Non Engraved
5	2nd Floor Column (5000 Psi)	6	10	21	6Diax12	---	14	28.28	58	4594	---	Non Engraved
6	2nd Floor Column (5000 Psi)	6	10	21	6Diax12	---	14	28.28	58	4594	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

2193
Dr. Aqsa

To: M/S CMPak Limited.
47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6319 Dated: 09-11-21

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 19-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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	Foundation Raft (1:1.5:3)	21	9	21	6Diax12	---	13.4	28.28	27	2139	---	Non Engraved
2	Foundation Raft (1:1.5:3)	21	9	21	6Diax12	---	13	28.28	31	2455	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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.

2193
Dr. Aqsa

To: M/S CMPak Limited
47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CED/ 6320 **Dated: 09-11-21**

Your Ref. No. CMPAK/NDC/Cylinder/01 **Dated: 20-10-21**

Test Specification
(ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 **Tested on:** 09-11-21 **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	Foundation Column (1:1.5:3)	22	9	21	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
2	Foundation Column (1:1.5:3)	22	9	21	6Diax12	---	12.8	28.28	33	2614	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

2193
Dr. Aqsa

To: M/S CMPak Limited
47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6321 Dated: 09-11-21

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 09-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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	Foundation Column (1:1.5:3)	11	9	21	6Diax12	---	13	28.28	26	2059	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

2193
Dr. Aqsa

To: M/S CMPak Limited
47-Off Kuri Road National Park Area Chak Shahzad Islamabad, Pakistan

Project: New Steel Platform foundation Quaid-e-Azam Industrial Estate (KLP) Lahore

Our Ref. No. CL/CED/ 6322 Dated: 09-11-21

Your Ref. No. CMPAK/NDC/Cylinder/01 Dated: 07-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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	Foundation Raft (1:1.5:3)	9	9	21	6Diax12	---	13	28.28	28	2218	---	Non Engraved
2	Foundation Raft (1:1.5:3)	9	9	21	6Diax12	---	12.8	28.28	23	1822	---	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 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.

2186
Dr. Aqsa

To: Mr. Muhammd Khalid Zaman
Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Flants and Direct Supply in Faisalabad Division.

Our Ref. No. CL/CED/ 6323 Dated: 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-25 Dated: 23-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 631 GB (1:2:4)	25	9	21	6Diax12	---	13.4	28.28	66	5228	---	Engraved
2	Roof Slab 631 GB (1:2:4)	25	9	21	6Diax12	---	13.6	28.28	47	3723	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

2186
Dr. Aqsa

To: Mr. Muhammd Khalid Zaman
Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad Division

Our Ref. No. CL/CED/ 6324 Dated: 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-26 Dated: 23-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 583 GB (1:2:4)	25	9	21	6Diax12	---	13.6	28.28	44	3485	---	Engraved
2	Roof Slab 583 GB (1:2:4)	25	9	21	6Diax12	---	13.4	28.28	41	3248	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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
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2186
Dr. Aqsa

To: Mr. Muhammd Khalid Zaman
Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad Division

Our Ref. No. CL/CED/ 6325 Dated: 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-28 Dated: 27-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 630 GB (1:2:4)	29	9	21	6Diax12	---	13.8	28.28	41	3248	---	Engraved
2	Roof Slab 630 GB (1:2:4)	29	9	21	6Diax12	---	14	28.28	49	3881	---	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 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
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2186
Dr. Aqsa

To: Mr. Muhammd Khalid Zaman
Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad Division

Our Ref. No. CL/CED/ 6326 Dated: 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-34 Dated: 31-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 353 GB (1:2:4)	3	10	21	6Diax12	---	13.4	28.28	47	3723	---	Engraved
2	Roof Slab 353 GB (1:2:4)	3	10	21	6Diax12	---	13.6	28.28	50	3960	---	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 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
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2186
Dr. Aqsa

To: Mr. Muhammd Khalid Zaman
Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad Division

Our Ref. No. CL/CED/ 6327 Dated: 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-27 Dated: 27-10-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 629 GB(1:2:4)	29	9	21	6Diax12	---	14	28.28	51	4040	---	Engraved
2	Roof Slab 629 GB(1:2:4)	29	9	21	6Diax12	---	13.6	28.28	60	4752	---	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 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**

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2186
Dr. Aqsa

To: Mr. Muhammd Khalid Zaman
Resident Engineer (ECSP PAPA Projects, Central Zone)

Project: Supply, Construction, Installation of Water Filteration Plants and Direct Supply in Faisalabad Division

Our Ref. No. CL/CED/ 6328 Dated: 09-11-21

Your Ref. No. ECSP/PAPA/CZ-FSD-35 Dated: 01-11-21

Test Specification (ASTM C39)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-21 Tested on: 09-11-21 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 21 GB (1:2:4)	4	10	21	6Diax12	---	13	28.28	38	3010	---	Engraved
2	Roof Slab 21 GB (1:2:4)	4	10	21	6Diax12	---	13.4	28.28	36	2851	---	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 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**