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.

6287
Dr. M. Mazhar

To: Addl: Executive Engineer
TLC 3rd Sub Division: GSC LESCO, Lahore.

Project: Construction of RCC Pile Foundations for Steel Tubular Pole Type (SPD+2M, SPG+1M, SPG+4M) and RCC Tower Foundations (Type ZM-30+3M,ZM-60 & EG+0+8) (Portion-1)

Our Ref. No. CL/CED/ 3599 **Dated:** 29-11-23

Your Ref. No. 1686-88 **Dated:** 21-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23-11-23 **Tested on:** 29-11-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	ZM-60	26	10	2023	6Diax12	---	14	28.28	91	7208	---	Non Engraved
2	ZM-60	26	10	2023	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	ZM-60	27	10	2023	6Diax12	---	14	28.28	64	5069	---	Non Engraved
4	ZM-60	27	10	2023	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
5	ZM-30	28	10	2023	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
6	ZM-30	28	10	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
7	ZM-30	29	10	2023	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
8	ZM-30	29	10	2023	6Diax12	---	14	28.28	91	7208	---	Non Engraved
9	SPG+4.5	30	10	2023	6Diax12	---	14	28.28	87	6891	---	Non Engraved
10	SPG+4.5	30	10	2023	6Diax12	---	14	28.28	85	6733	---	Non Engraved
11	SPG+4.5	31	10	2023	6Diax12	---	14	28.28	89	7050	---	Non Engraved
12	SPG+4.5	31	10	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
13	EG	14	11	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
14	EG	14	11	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
15	EG	15	11	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
16	EG	15	11	2023	6Diax12	---	14	28.28	72	5703	---	Non Engraved

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**

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ORIGINAL
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6282
Dr. M. Mazhar

To: (Hafiz Ozair Ahmad)
Deputy Director (QCD) WASA, LDA, Lahore.

Project: Testing of Concrete Cylinders against Tender No. XEN (O&M-I)/N.T/2023-2024/01/(M/S. BABAR ZAHEER & Co) For 66"O RCC Pipe (M/S. Future Pipe Industry Gujranwala)

Our Ref. No. CL/CED/ 3600 **Dated:** 29/11/2023

Your Ref. No. No. QCD/1838-39 **Dated:** 18/11/2023

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/11/2023 **Tested on:** 29/11/2023 **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	---	25	10	2023	6Diax12	---	14	28.28	77	6099	---	Engraved
2	---	25	10	2023	6Diax12	---	13.4	28.28	77	6099	---	Engraved
3	---	2	11	2023	6Diax12	---	13.2	28.28	68	5386	---	Engraved
4	---	2	11	2023	6Diax12	---	14	28.28	72	5703	---	Engraved
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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ORIGINAL
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6282
Dr. M. Mazhar

To: (Hafiz Ozair Ahmad)
Deputy Director (QCD) WASA, LDA, LAHORE

Project: Testing of Concrete Cylinders against Tender No. XEN (O&M-I)/N.T./2023-2024/01/(M/S. BABAR ZAHEER & Co) For 54"O RCC Pipe (M/S. Future Pipe Industry Gujranwala)

Our Ref. No. CL/CED/ 3601 **Dated:** 29/11/2023

Your Ref. No. No. QCD/1836-37 **Dated:** 18/11/2023

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22/11/2023 **Tested on:** 29/11/2023 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	1	11	2023	6Diax12	---	13.4	28.28	64	5069	---	Engraved
2	---	1	11	2023	6Diax12	---	14	28.28	74	5861	---	Engraved
3	---	3	11	2023	6Diax12	---	13.6	28.28	64	5069	---	Engraved
4	---	3	11	2023	6Diax12	---	13.6	28.28	74	5861	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

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ORIGINAL
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6286
Dr. M. Mazhar

To: **Mr. M. Zain-Ul-Abadeen**
Project Manager, Majeed Associates (Pvt) Ltd

Project: Construction of ABL Branch Expo Johar Town Lahore (Mumty Slab)

Our Ref. No. CL/CED/ 3602 **Dated: 29/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2023 Tested on: 29/11/2023 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-Pak Mix	14	10	2023	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
2	3000 Psi-Pak Mix	14	10	2023	6Diax12	---	14	28.28	60	4752	---	Non 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.

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ORIGINAL
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6286
Dr. M. Mazhar

To: **Mr. M. Zain-Ul-Abadeen**
Project Manager, Majeed Associates (Pvt) Ltd

Project: Construction of ABL Branch Expo Johar Town Lahore (Over Head Tank Wall)

Our Ref. No. CL/CED/ 3603 **Dated: 29/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: Nil** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2023 **Tested on:** 29/11/2023 **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-Pak Mix	20	10	2023	6Diax12	---	14.6	28.28	66	5228	---	Non Engraved
2	3000 Psi-Pak Mix	20	10	2023	6Diax12	---	13.4	28.28	66	5228	---	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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ORIGINAL
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6286
Dr. M. Mazhar

To: **Mr. M. Zain-Ul-Abadeen**
Project Manager, Majeed Associates (Pvt) Ltd

Project: Construction of ABL Branch Expo Johar Town Lahore (Column Mumty)

Our Ref. No. CL/CED/ 3604 **Dated: 29/11/2023**

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

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2023 **Tested on:** 29/11/2023 **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-Pak Mix	10	10	2023	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
2	4000 Psi-Pak Mix	10	10	2023	6Diax12	---	13.6	28.28	42	3327	---	Non 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 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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6286
Dr. M. Mazhar

To: **Mr. M. Zain-Ul-Abadeen**
Project Manager, Majeed Associates (Pvt) Ltd

Project: Construction of ABL Branch Expo Johar Town Lahore (Over Head Water Tank Bed)

Our Ref. No. CL/CED/ 3605 **Dated: 29/11/2023**

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

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2023 **Tested on:** 29/11/2023 **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-Pak Mix	17	10	2023	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	3000 Psi-Pak Mix	17	10	2023	6Diax12	---	14.2	28.28	58	4594	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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)
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6293
Dr. M. Mazhar

To: Engr. M. Abrar Ahmad
Abrar Ahmad Associates, Consulting Engineers, Architects, Project Evaluation Consultants

Project: Construction of 49-Ghaznavi Commercial Bahria Town Lahore (Basement Retaining Wall)

Our Ref. No. CL/CED/ 3606 **Dated: 29/11/2023**

Your Ref. No. #02 **Dated: 21/11/2023**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2023 **Tested on:** 29/11/2023 **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	---	18	11	2023	6Diax12	---	14	28.28	30	2376	---	Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

6288
Dr. M. Mazhar

To: **Mr. Talha Javaid**
Project Manager, CONSTRUCT ®

Project: Construction of 18 Green Apartment Complex, DHA Phase VI, Lahore (Basement Slab- In Front of Tower A)

Our Ref. No. CL/CED/ 3607 **Dated: 29/11/2023** **Test Specification**

Your Ref. No. Nil **Dated: 23/11/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2023 **Tested on:** 29/11/2023 **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)	9	11	2023	6Diax12	---	13.4	28.28	54	4277	---	Engraved
2	(3000 Psi)	9	11	2023	6Diax12	---	14	28.28	50	3960	---	Engraved
3	(3000 Psi)	9	11	2023	6Diax12	---	14	28.28	48	3802	---	Engraved
4	(3000 Psi)	9	11	2023	6Diax12	---	14	28.28	50	3960	---	Engraved
5	(3000 Psi)	9	11	2023	6Diax12	---	13.2	28.28	54	4277	---	Engraved
6	(3000 Psi)	9	11	2023	6Diax12	---	13.8	28.28	52	4119	---	Engraved
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Witnessed by:

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

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

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

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

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

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

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

6300
Dr. Aqsa

To: **Engr. Hassan Mahmood**
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of DHA NEWLIFE RESIDENCY APARTMENTS AT 273/1 Q BLCOK PHASE-II DHA, LAHORE (Block-B Footing, 4000 Psi)

Our Ref. No. CL/CED/ 3608 **Dated: 29/11/2023** **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/196 **Dated: 24/11/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2023 **Tested on:** 28-11-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	FB-7 &F4- Grid P/12-14 & P/11	15	11	2023	6Diax12	---	15	28.28	30	2376	---	Non Engraved
2	FB-7 &F4- Grid P/12-14 & P/11	15	11	2023	6Diax12	---	13.6	28.28	38	3010	---	Non Engraved
3	FB-7 &F4- Grid P/12-14 & P/11	15	11	2023	6Diax12	---	14.2	28.28	32	2535	---	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 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.

6299
Dr. Aqsa

To: Manager
ABL-UML P-199&200, ALLIED BANK

Project: Construction of ABL Upper Mall Lahore Plot No. 199, 200 (Underground water tank extended column Grid # 6-7/A-D, 5-6 B-C)

Our Ref. No. CL/CED/ 3609 Dated: 29/11/2023 **Test Specification**

Your Ref. No. ABL-UML-AMC-QAQC-49 Dated: 27/11/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2023 **Tested on:** 28-11-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Cylinder No. 247	18	11	2023	6Diax12	---	14	28.28	88	6970	---	Non Engraved
2	Cylinder No. 248	18	11	2023	6Diax12	---	14	28.28	91	7208	---	Non Engraved
3	Cylinder No. 249	18	11	2023	6Diax12	---	14	28.28	88	6970	---	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 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.

6299
Dr. Aqsa

To: Manager
ABL-UML P-199&200, ALLIED BANK

Project: Construction of ABL Upper Mall Lahore Plot No. 199, 200 (Underground water tank top slab Grid # 6-7/A-D, 5-6 B-C)

Our Ref. No. CL/CED/ 3610 Dated: 29/11/2023

Your Ref. No. ABL-UML-AMC-QAQC-48 Dated: 27/11/2023

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/11/2023 Tested on: 28-11-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Cylinder No. 241	18	11	2023	6Diax12	---	15	28.28	80	6337	---	Non Engraved
2	Cylinder No. 242	18	11	2023	6Diax12	---	14.6	28.28	44	3485	---	Non Engraved
3	Cylinder No. 243	18	11	2023	6Diax12	---	14.2	28.28	77	6099	---	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 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.

6246
Dr. Aqsa

To: Mr. Muhammad Irfan
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd.

Project: Construction of Burj-1 by Ajwa Builders (B/4, Zone#2, Pump Room Walls, Grid # A-B/9-10)

Our Ref. No. CL/CED/ 3611 Dated: 29/11/2023

Your Ref. No. DOC-BMC/AJWA/127 Dated: 15/11/2023

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/11/2023 Tested on: 28/11/2023 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	6000 Psi	18	10	2023	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
2	6000 Psi	18	10	2023	6Diax12	---	14.8	28.28	107	8475	---	Non Engraved
3	6000 Psi	18	10	2023	6Diax12	---	14.4	28.28	100	7921	---	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 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.

6246
Dr. Aqsa

To: Mr. Muhammad Irfan
Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd

Project: Construction of Burj-1 by Ajwa Builders (B/2, Zone#2, Column #02, Grid #C-D/8 Shear Wall, Grid# C-D/9)

Our Ref. No. CL/CED/ 3612 Dated: 29/11/2023

Your Ref. No. DOC-BMC/AJWA/126 Dated: 15/11/2023

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15/11/2023 Tested on: 28/11/2023 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	6000 Psi	17	10	2023	6Diax12	---	14.4	28.28	105	8317	---	Non Engraved
2	6000 Psi	17	10	2023	6Diax12	---	14.8	28.28	90	7129	---	Non Engraved
3	6000 Psi	17	10	2023	6Diax12	---	14	28.28	88	6970	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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