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.

5431
Dr. Umbreen

To: **Manager**
ABL-SIER P#12, AMCORP Engineering & Construction (Pvt) Limited

Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12

Our Ref. No. CL/CED/ 2296 **Dated: 05-07-23** **Test Specification**

Your Ref. No. ABL-SIER-AMC-QAQC-21 **Dated: 18/6/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/6/2023 **Tested on:** 05-07-23 **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	Footing- P#12 Sample #7	11	6	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
2	Footing- P#12 Sample #8	11	6	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
3	Footing- P#12 Sample #9	11	6	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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5431
Dr. Umbreen

To: **Manager**
ABL-SIER P#12, AMCORP Engineering & Construction (Pvt) Limited

Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12

Our Ref. No. CL/CED/ 2297 **Dated: 05-07-23** **Test Specification**

Your Ref. No. ABL-SIER-AMC-QAQC-22 **Dated: 19/6/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/6/2023 **Tested on:** 05-07-23 **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	Footing- P#12 Sample #13	12	6	2023	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
2	Footing- P#12 Sample #14	12	6	2023	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
3	Footing- P#12 Sample #16	12	6	2023	6Diax12	---	13	28.28	65	5149	---	Non Engraved
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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ORIGINAL
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5431
Dr. Umbreen

To: **Manager**
ABL-SIER P#12, AMCORP Engineering & Construction (Pvt) Limited

Project: Construction of ABL Proposed Commercial Building Sunder Industrial Plot No. 12

Our Ref. No. CL/CED/ 2298 **Dated: 05-07-23** **Test Specification**

Your Ref. No. ABL-SIER-AMC-QAQC-23 **Dated: 19/6/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 19/6/2023 **Tested on:** 05-07-23 **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	P#12 Sample #19	12	6	2023	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
2	P#12 Sample #20	12	6	2023	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	P#12 Sample #21	12	6	2023	6Diax12	---	13.2	28.28	63	4990	---	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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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5485
Dr. Umbreen

To: **Engr. Abrar Shah**
Resident Engineer, NEW Vision Engineering Consultant

Project: Pilot Program for Hub & Spoke Model at Zahir Pir, Rahim Yar Khan

Our Ref. No. CL/CED/ 2299 **Dated:** **05-07-23** **Test Specification**

Your Ref. No. **NVEC/IDAP-ZPP/MF/0054** **Dated:** **24/6/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 4/7/2023 **Tested on:** 05-07-23 **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	Lab Cured (3083) (3000 Psi)	22	5	2023	6Diax12	---	12.6	28.28	47	3723	---	Non Engraved
2	Lab Cured (3084) (3000 Psi)	22	5	2023	6Diax12	---	12.2	28.28	55	4356	---	Non Engraved
3	Lab Cured (3085) (3000 Psi)	22	5	2023	6Diax12	---	12.2	28.28	45	3564	---	Non Engraved
4	Site Cured (3098) (4000 Psi)	22	5	2023	6Diax12	---	12.8	28.28	49	3881	---	Non Engraved
5	Site Cured (3099) (4000 Psi)	22	5	2023	6Diax12	---	12	28.28	45	3564	---	Non Engraved
6	Site Cured (3100) (4000 Psi)	22	5	2023	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5472
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub Division No. 15, Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore. (Third Floor Slab, Family Block)

Our Ref. No. CL/CED/ 2300 **Dated: 05-07-23** **Test Specification**

Your Ref. No. 3341 **Dated: 21/6/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/6/2023 **Tested on:** 05-07-23 **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	3000 Psi	23	5	2023	6Diax12	---	13	28.28	53	4198	---	Non Engraved
2	3000 Psi	23	5	2023	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
3	3000 Psi	23	5	2023	6Diax12	---	12.8	28.28	55	4356	---	Non Engraved
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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ORIGINAL
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5472
Dr. Umbreen

To: **Sub Divisional Officer**
Buildings Sub Division No. 15, Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore. (Columns, Basement (i) Bachelor Block)

Our Ref. No. CL/CED/ 2301 **Dated: 05-07-23** **Test Specification**

Your Ref. No. 3343 **Dated: 21/6/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 23/6/2023 **Tested on:** 05-07-23 **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	5000 Psi	25	5	2023	6Diax12	---	13.6	28.28	79	6257	---	Non Engraved
2	5000 Psi	25	5	2023	6Diax12	---	13.4	28.28	81	6416	---	Non Engraved
3	5000 Psi	25	5	2023	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
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Witnessed by:

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

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

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

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

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

Plain and Reinforced Concrete Laboratory
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University of Engineering and Technology, Lahore. Pakistan
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ORIGINAL
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Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 15, Lahore

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District, Lahore. (Retaining Wall, Basement (i) Bachelor Block)

Our Ref. No. CL/CED/ 2302 Dated: 05-07-23 Test Specification

Your Ref. No. 3345 Dated: 21/6/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/6/2023 **Tested on:** 05-07-23 **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	5000 Psi	25	5	2023	6Diax12	---	13.6	28.28	88	6970	---	Non Engraved
2	5000 Psi	25	5	2023	6Diax12	---	13.8	28.28	59	4673	---	Non Engraved
3	5000 Psi	25	5	2023	6Diax12	---	13.2	28.28	83	6574	---	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**