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.

6214
Dr. Umbreen

To: Engr. Muddasir Tahir
Project Manager, Halmore Properties Pvt. Ltd.

Project: Construction of Halmore Apartments at Plot No. 11, Block B3, Gulberg-III, Tipu Road, Lahore.

Our Ref. No. CL/CED/ 3416 **Dated: 08-11-23** **Test Specification**

Your Ref. No. HPPL/QC/STR002 **Dated: 12-10-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 08-11-23 **Tested on:** 08-11-23 **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	Unimix (5500 Psi)	11	9	2023	6Diax12	---	14.4	28.28	80	6337	---	Non Engraved
2	Unimix (5500 Psi)	11	9	2023	6Diax12	---	14.4	28.28	91	7208	---	Non Engraved
3	Unimix (5500 Psi)	11	9	2023	6Diax12	---	14.4	28.28	76	6020	---	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**

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ORIGINAL
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6183
Dr. Aqsa

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

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

Our Ref. No. CL/CED/ 3417 Dated: 08-11-23 **Test Specification**

Your Ref. No. No. 3950 Dated: 08-11-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-11-23 **Tested on:** 07-11-23 **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	5000 Psi	26	10	2023	6Diax12	---	13.6	28.28	46	3644	---	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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6206
Dr. Umbreen

To: **Mr. Abdul Ghaffar**
Project Engineer, Qarshi University Project Canal Road Lahore

Project: Qarshi University Project Canal Road, Lahore

Our Ref. No. CL/CED/ 3418 **Dated: 08-11-23** **Test Specification**

Your Ref. No. PE/UET/QUP/01/2023/148 **Dated: 04-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 **Tested on:** 08-11-23 **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	Qarshi-01 (4000 Psi)	5	10	2023	6Diax12	---	15	28.28	60	4752	---	Engraved
2	Qarshi-02 (4000 Psi)	5	10	2023	6Diax12	---	14	28.28	39	3089	---	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**

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ORIGINAL
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6206
Dr. Umbreen

To: **Mr. Abdul Ghaffar**
Project Engineer, Qarshi University Project Canal Road Lahore

Project: Qarshi University Project Canal Road, Lahore

Our Ref. No. CL/CED/ 3419 **Dated: 08-11-23** **Test Specification**

Your Ref. No. PE/UET/QUP/01/2023/147 **Dated: 03-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 07-11-23 **Tested on:** 08-11-23 **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	Qarshi-03 (4000 Psi)	5	10	2023	6Diax12	---	14.2	28.28	64	5069	---	Non Engraved
2	Qarshi-04 (4000 Psi)	5	10	2023	6Diax12	---	14.4	28.28	64	5069	---	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)
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ORIGINAL
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6184
Dr. Umbreen

To: Rana Associates, Engineers & Contractors
New Garden Town, Lahore.

Project: Construction of 160-P Gulberg

Our Ref. No. CL/CED/ 3420 **Dated:** 08-11-23

Your Ref. No. Nil **Dated:** 02-11-23

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-11-23 **Tested on:** 08-11-23 **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	Raft (3000 Psi)	16	10	2023	6Diax12	---	13.4	28.28	23	1822	---	Non Engraved
2	Raft (3000 Psi)	16	10	2023	6Diax12	---	13.6	28.28	21	1663	---	Non Engraved
3	Raft (3000 Psi)	16	10	2023	6Diax12	---	13.8	28.28	25	1980	---	Non Engraved
4	Raft (3000 Psi)	16	10	2023	6Diax12	---	13.2	28.28	20	1584	---	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)
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ORIGINAL
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6189
Dr. Umbreen

To: **Mr. Muhammad Yousaf**
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd

Project: Construction of Allied Bank D. R. Center Faisalabad

Our Ref. No. CL/CED/ 3421 **Dated: 08-11-23** **Test Specification**

Your Ref. No. PCS/23/Eng **Dated: 03-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-23 **Tested on:** 08-11-23 **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	Ground Floor Slab	23	10	2023	6Diax12	---	13.2	28.28	54	4277	---	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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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6189
Dr. Umbreen

To: **Mr. Muhammad Yousaf**
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd

Project: Construction of Allied Bank D. R. Center Faisalabad

Our Ref. No. CL/CED/ 3422 **Dated: 08-11-23** **Test Specification**

Your Ref. No. PCS/23/Eng **Dated: 03-11-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-23 **Tested on:** 08-11-23 **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	Ground Floor Slab	23	10	2023	6Diax12	---	14.4	28.28	44	3485	---	Non Engraved
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Witnessed by:

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6189
Dr. Umbreen

To: Mr. Muhammad Yousaf
Quantity Surveyor, Professional Construction Services (Pvt.) Ltd

Project: Construction of Allied Bank D. R. Center Faisalabad

Our Ref. No. CL/CED/ 3423 Dated: 08-11-23

Your Ref. No. PCS/23/Eng Dated: 03-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-23 Tested on: 08-11-23 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	Ground Floor Slab	23	10	2023	6Diax12	---	14.8	28.28	44	3485	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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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)
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.

6190
Dr. Umbreen

To: **Engr. Zaheer ud din Babar**
Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Ltd

Project: Construction of Sky Gardens Tower, Lahore (Basement-01 Slab with Beams & Ramp)

Our Ref. No. CL/CED/ 3424 **Dated: 08-11-23**

Your Ref. No. HRLE/SKG/2023/00137 **Dated: 03-11-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-23 **Tested on:** 08-11-23 **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	E-1/2-4 (6000 Psi)	7	10	2023	6Diax12	---	14.2	28.28	118	9347	---	Non Engraved
2	E-1/2-4 (6000 Psi)	7	10	2023	6Diax12	---	14.2	28.28	106	8396	---	Non Engraved
3	E-1/2-4 (6000 Psi)	7	10	2023	6Diax12	---	14.6	28.28	110	8713	---	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**

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.

6187
Dr. Umbreen

To: Mr. Muhammad Zain-ul-Abadeen
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Limited

Project: Construction of Disposal Station and Sewer Line From Purana Kahna to Sua-E-Asal Drain, Lahore.
(Contractor: M/s Babar Zaheer & Co)

Our Ref. No. CL/CED/ 3425 Dated: 08-11-23 **Test Specification**

Your Ref. No. 4671/MZA/125 Dated: 27/10/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-23 Tested on: 08-11-23 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	Wet Well- Well Curb	12	10	2023	6Diax12	---	13.6	28.28	31	2455	---	Engraved
2	Wet Well- Well Curb	12	10	2023	6Diax12	---	13.8	28.28	28	2218	---	Engraved
3	Wet Well- Well Curb	12	10	2023	6Diax12	---	13.6	28.28	24	1901	---	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**

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.

6187
Dr. Umbreen

To: Mr. Muhammad Zain-ul-Abadeen
Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Limited

Project: Construction of Disposal Station and Sewer Line From Purana Kahna to Sua-E-Asal Drain, Lahore.
(Contractor: M/s Babar Zaheer & Co)

Our Ref. No. CL/CED/ 3426 Dated: 08-11-23

Your Ref. No. 4671/MZA/124 Dated: 27/10/2023

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03-11-23 Tested on: 08-11-23 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	Dry Well- Well Curb	19	10	2023	6Diax12	---	14	28.28	31	2455	---	Engraved
2	Dry Well- Well Curb	19	10	2023	6Diax12	---	14.2	28.28	35	2772	---	Engraved
3	Dry Well- Well Curb	19	10	2023	6Diax12	---	14.4	28.28	39	3089	---	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.

6185
Dr. Umbreen

To: Rana Associates, Engineers & Contractors
New Garden Town, Lahore.

Project: Construction of 160-P Gulberg. (Zoom Ready Mix Plant)

Our Ref. No. CL/CED/ 3427 **Dated:** 08-11-23

Your Ref. No. Nil **Dated:** 02-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 02-11-23 **Tested on:** 08-11-23 **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	3000 Psi	15	10	2023	6Diax12	---	13.8	28.28	18	1426	---	Non Engraved
2	3000 Psi	15	10	2023	6Diax12	---	14	28.28	21	1663	---	Non Engraved
3	3000 Psi	15	10	2023	6Diax12	---	14	28.28	56	4436	---	Non Engraved
4	3000 Psi	15	10	2023	6Diax12	---	13	28.28	42	3327	---	Non Engraved
5	3000 Psi	16	10	2023	6Diax12	---	14	28.28	48	3802	---	Non Engraved
6	3000 Psi	16	10	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
7	3000 Psi	16	10	2023	6Diax12	---	13.6	28.28	41	3248	---	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
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University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

6203
Dr. Aqsa

To: Mr. Muhammad Asif
Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3428 **Dated: 08-11-23**

Your Ref. No. IMP/66/09/103 **Dated: 06-11-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 **Tested on:** 07-11-23 **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	5000 Psi	20	9	2023	6Diax12	---	15	28.28	102	8079	---	Non Engraved
2	5000 Psi	20	9	2023	6Diax12	---	15	28.28	100	7921	---	Non Engraved
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Witnessed by: Mr. Husnain Imran, Imperium Developers

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

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

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

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

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

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

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

6203
Dr. Aqsa

To: Mr. Muhammad Asif
Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3429 **Dated: 08-11-23**

Your Ref. No. IMP/66/09/104 **Dated: 06-11-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 **Tested on:** 07-11-23 **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	5000 Psi	28	9	2023	6Diax12	---	15	28.28	78	6178	---	Non Engraved
2	5000 Psi	28	9	2023	6Diax12	---	14.4	28.28	76	6020	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Husnain Imran, Imperium Developers

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

6203
Dr. Aqsa

To: Mr. Muhammad Asif
Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3430 Dated: 08-11-23

Your Ref. No. IMP/66/09/101 Dated: 06-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 Tested on: 07-11-23 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	5000 Psi	8	9	2023	6Diax12	---	14.8	28.28	99	7842	---	Non Engraved
2	5000 Psi	8	9	2023	6Diax12	---	14.6	28.28	97	7683	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Husnain Imran, Imperium Developers

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
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ORIGINAL
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6203
Dr. Aqsa

To: Mr. Muhammad Asif
Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3431 **Dated: 08-11-23**

Your Ref. No. IMP/66/09/105 **Dated: 06-11-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 **Tested on:** 07-11-23 **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	5000 Psi	30	8	2023	6Diax12	---	14.4	28.28	102	8079	---	Non Engraved
2	5000 Psi	30	8	2023	6Diax12	---	14.4	28.28	97	7683	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Husnain Imran, Imperium Developers

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.

6203
Dr. Aqsa

To: Mr. Muhammad Asif
Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3432 Dated: 08-11-23

Your Ref. No. IMP/66/09/102 Dated: 06-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 Tested on: 07-11-23 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	5000 Psi	19	9	2023	6Diax12	---	14.4	28.28	81	6416	---	Non Engraved
2	5000 Psi	19	9	2023	6Diax12	---	14.6	28.28	102	8079	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Husnain Imran, Imperium Developers

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.

6203
Dr. Aqsa

To: Mr. Muhammad Asif
Project Manager, Imperium Developers

Project: Construction of Sixty6 at Gulberg-III, Lahore

Our Ref. No. CL/CED/ 3433 Dated: 08-11-23

Your Ref. No. IMP/66/09/106 Dated: 06-11-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 Tested on: 07-11-23 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	3500 Psi	12	9	2023	6Diax12	---	14.2	28.28	69	5465	---	Non Engraved
2	3500 Psi	12	9	2023	6Diax12	---	14.6	28.28	66	5228	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Husnain Imran, Imperium Developers

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.

6196
Dr. Umbreen

To: **Managing Partner**
For Shaheen Associates

Project: Escorts Advanced Textiles (Pvt.) Ltd. Muridkey, Extension of Spinning Unit (Ground Floor)

Our Ref. No. CL/CED/ 3434 **Dated: 08-11-23** **Test Specification**

Your Ref. No. SBA-1/5029 **Dated: 06-11-23** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 **Tested on:** 08-11-23 **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	Footing F2 & F3 (1:2:4) 23-24 Line	31	10	2023	6x6x6	---	9.6	36	73	4542	---	Engraved
2	Footing F2 & F3 (1:2:4) 23-24 Line	31	10	2023	6x6x6	---	9	36	64	3982	---	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.

6201
Dr. Aqsa

To: Mr. M. Faisal Bhatti
Construction Manager, For Ittefaq Building Solutions (Pvt.) Ltd.

Project: Mr. M. Imran Qamar Residence at Plot # 103 St. John's Park Cantt, Lahore.

Our Ref. No. CL/CED/ 3435 **Dated:** 08-11-23

Your Ref. No. Nil **Dated:** 06-11-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 **Tested on:** 08-11-23 **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	Basement- Slab (3500 Psi)	4	10	2023	6x6x6	---	8.8	36	50	3111	---	Non Engraved
2	Basement- Slab (3500 Psi)	4	10	2023	6x6x6	---	8.8	36	40	2489	---	Non Engraved
3	Basement- Slab (3500 Psi)	4	10	2023	6x6x6	---	9	36	20	1244	---	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)
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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.

6197
Dr. Aqsa

To: Mr. Malik Amir Haider
Deputy Director (Maintenance) NHA-Sahiwal

Project: Contract No. AE-PS-2022-23-N5-01. (M/s Eastern Construction Company)

Our Ref. No. CL/CED/ 3436 **Dated: 08-11-23**

Your Ref. No. AE-PS-2022-23-N5-01/DD(Maint)/SWL/PS/NHA/2023/ Dated: 01-11-23

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 06-11-23 **Tested on:** 07-11-23 **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	3000 Psi (1:2:4)	12	10	2023	6x6x6	---	8.6	36	27	1680	---	Non Engraved
2	3000 Psi (1:2:4)	12	10	2023	6x6x6	---	8.6	36	26	1618	---	Non Engraved
3	3000 Psi (1:2:4)	12	10	2023	6x6x6	---	8.4	36	24	1493	---	Non Engraved
4	3000 Psi (1:2:4)	12	10	2023	6x6x6	---	8.6	36	25	1556	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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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.

6160
Dr. Umbreen

To: Mr. Saad Ali Khan
Project Coordinator, for SINACO ENGINEERS (PVT) LIMITED

Project: Construction of Green Field Project at Polypack- SKP

Our Ref. No. CL/CED/ 3437 Dated: 08-11-23 Test Specification

Your Ref. No. SEL/LHR/00506-2023 Dated: 26/10/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 30/10/2023 **Tested on:** 08-11-23 **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	646	---	---	---	8.7 x 4.2 x 2.8	3220	2870	36.54	41	2513	12.2	---
2	646	---	---	---	8.5 x 4.2 x 2.7	3385	3020	35.7	36	2259	12.09	---
3	646	---	---	---	8.6 x 4.2 x 2.8	3400	3045	36.12	35	2171	11.66	---
4	646	---	---	---	8.5 x 4.1 x 2.8	3165	2920	34.85	46	2957	8.39	---
5	GIL	---	---	---	8.6 x 4.1 x 2.8	3160	2795	35.26	34	2160	13.06	---
6	GIL	---	---	---	8.6 x 4.1 x 2.7	3235	2865	35.26	33	2096	12.91	---
7	GIL	---	---	---	8.6 x 4.1 x 2.7	3130	2735	35.26	39	2478	14.44	---
8	GIL	---	---	---	8.6 x 4.1 x 2.7	3225	2810	35.26	30	1906	14.77	---
9	S	---	---	---	8.5 x 4.1 x 2.8	3645	3270	34.85	34	2185	11.47	---
10	S	---	---	---	8.8 x 4.2 x 2.7	3670	3295	36.96	34	2061	11.38	---
11	S	---	---	---	8.6 x 4.2 x 2.8	3625	3260	36.12	33	2047	11.2	---
12	S	---	---	---	8.6 x 4.2 x 2.6	3470	3090	36.12	38	2357	12.3	---
13	SBC	---	---	---	8.4 x 4.1 x 2.7	3365	3035	34.44	48	3122	10.87	---
14	SBC	---	---	---	8.5 x 4.1 x 2.7	3585	3215	34.85	24	1543	11.51	---
15	SBC	---	---	---	8.5 x 4.2 x 2.7	3275	2975	35.7	49	3075	10.08	---
16	SBC	---	---	---	8.3 x 4.1 x 2.8	3305	2975	34.03	36	2370	11.09	---

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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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.

6108
Dr. Aqsa

To: Dy. Director Buildings-I
LDA, LAHORE (U.D. Wing)

Project: Construction of Orange Line Metro Train Project (Package-II) Chouburji to Ali Town- Reconstruction of Jamia Masjid Muhammadia (Qadeem), Lake Road, Lahore

Our Ref. No. CL/CED/ 3438 Dated: 08-11-23 Test Specification

Your Ref. No. DDB/LDA/320 Dated: 25/9/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2023 Tested on: 08-11-23 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	5	---	---	---	8.8 x 4.4 x 3	3765	3330	38.72	43	2488	13.06	---
2	5	---	---	---	8.9 x 4.3 x 2.9	3785	3330	38.27	44	2575	13.66	---
3	5	---	---	---	8.9 x 4.2 x 2.9	3635	3255	37.38	48	2876	11.67	---
4	5	---	---	---	8.8 x 4.3 x 2.8	3560	3110	37.84	44	2605	14.47	---
5	5	---	---	---	8.8 x 4.2 x 2.8	3595	3255	36.96	31	1879	10.45	---
6	5	---	---	---	9 x 4.3 x 3	3580	3150	38.7	41	2373	13.65	---
7	5	---	---	---	8.8 x 4.2 x 2.9	3640	3000	36.96	38	2303	21.33	---
8	5	---	---	---	9 x 4.3 x 2.9	3495	3025	38.7	45	2605	15.54	---
9	5	---	---	---	8.9 x 4.2 x 2.9	3795	3415	37.38	41	2457	11.13	---
10	5	---	---	---	8.8 x 4.2 x 2.9	3640	3210	36.96	47	2848	13.4	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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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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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**