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.

5681
Dr. M. Yousaf

To: Mr. Sarfraz Ahmad
Project Manager, BEMSOL Pvt. Ltd.

Project: Boiler 75 TPH (Plinth Beam) B-M/14-2 for BSP Boiler Project at Kasur.

Our Ref. No. CL/CED/ 2560 **Dated: 09/08/2023** **Test Specification**

Your Ref. No. BPL/2023080701 **Dated: 07/08/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/08/2023 Tested on: 09/08/2023 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	C-30	9	7	2023	6 x 6 x 6	---	8.6	36	108	6720	---	Non Engraved
2	C-30	9	7	2023	6 x 6 x 6	---	8.4	36	108	6720	---	Non Engraved
3	C-30	9	7	2023	6 x 6 x 6	---	8.4	36	99	6160	---	Non Engraved
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Witnessed by: Nil

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

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

5598
Dr. Aqsa

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

Project: Construction of TCF Secondary School Gelewal/Khanewal, Bahawalpur

Our Ref. No. CL/CED/ 2561 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. PCS/23/Eng-84-A **Dated:** 24/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 **Tested on:** 08/08/2023 **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	Ground Floor Slab (1:2:4)	22	6	2023	6Diax12	---	13	28.28	35	2772	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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 compresssive 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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5598
Dr. Aqsa

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

Project: Construction of TCF Secondary School Gelewal/Khanewal, Bahawalpur

Our Ref. No. CL/CED/ 2562 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. PCS/23/Eng-84 **Dated:** 24/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 **Tested on:** 08/08/2023 **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	Ground Floor Slab (1:2:4)	22	6	2023	6Diax12	---	12	28.28	36	2851	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
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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ORIGINAL
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5598
Dr. Aqsa

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

Project: Construction of SICAS (G.F) Johar Town, Lahore.

Our Ref. No. CL/CED/ 2563 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. PCS/23/Eng-85 **Dated:** 24/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 **Tested on:** 08/08/2023 **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	Columns (1:1.5:3)	14	7	2023	6Diax12	---	14	28.28	62	4911	---	Non Engraved
2	Columns (1:1.5:3)	14	7	2023	6Diax12	---	14	28.28	61	4832	---	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**

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ORIGINAL
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5643
Dr. Aqsa

To: Mr. M. Usman Meer
For SINACO Engineers (Pvt) Limited

Project: Construction of National Foods Galaxy Project at FIEDMC, Sahianwala, Faisalabad.

Our Ref. No. CL/CED/ 2564 Dated: 09/08/2023 Test Specification

Your Ref. No. 00353-2023 Dated: 01/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01/8/2023 Tested on: 08/08/2023 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	Mezzanine Floor (Roof Slab)- 3 Ksi	25	6	2023	6Diax12	---	13	28.28	62	4911	---	Non Engraved
2	Mezzanine Floor (Roof Slab)- 3 Ksi	25	6	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	Mezzanine Floor (Roof Slab)- 3 Ksi	25	6	2023	6Diax12	---	14	28.28	72	5703	---	Non Engraved
4	Mezz.Floor (Roof Beam & Slab) 3Ksi	10	7	2023	6Diax12	---	13.2	28.28	37	2931	---	Non Engraved
5	Mezz.Floor (Roof Beam & Slab) 3Ksi	10	7	2023	6Diax12	---	13.2	28.28	38	3010	---	Non Engraved
6	Mezz.Floor (Roof Beam & Slab) 3Ksi	14	7	2023	6Diax12	---	14	28.28	45	3564	---	Non Engraved
7	Mezz.Floor (Roof Beam & Slab) 3Ksi	14	7	2023	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
8	---	---	---	---	---	---	---	---	---	---	---	---
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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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5648
Dr. M. Mazhar

To: Mr. Muhammad Javed
Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2565 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. HA-MAS/RE/MSD/05 **Dated:** 18/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 **Tested on:** 09/08/2023 **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	MSD-2 Columns	8	4	2023	6Diax12	---	14	28.28	77	6099	---	Non Engraved
2	MSD-2 Columns	8	4	2023	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	MSD-2 Columns	8	4	2023	6Diax12	---	13.6	28.28	69	5465	---	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 compresssive 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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5648
Dr. M. Mazhar

To: Mr. Muhammad Javed
Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2566 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. HA-MAS/RE/MSD/08 **Dated:** 18/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 **Tested on:** 09/08/2023 **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	MSD-1 Columns	23	5	2023	6Diax12	---	13	28.28	73	5782	---	Non Engraved
2	MSD-1 Columns	23	5	2023	6Diax12	---	13.2	28.28	71	5624	---	Non Engraved
3	MSD-1 Columns	23	5	2023	6Diax12	---	13.6	28.28	79	6257	---	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**

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

5648
Dr. M. Mazhar

To: Mr. Muhammad Javed
Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2567 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. HA-MAS/RE/MSD/09 **Dated:** 18/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 **Tested on:** 09/08/2023 **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	Equipment Store First Floor Slab	27	5	2023	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
2	Equipment Store First Floor Slab	27	5	2023	6Diax12	---	13.2	28.28	63	4990	---	Non Engraved
3	Equipment Store First Floor Slab	27	5	2023	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
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 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.

5648
Dr. M. Mazhar

To: Mr. Muhammad Javed
Resident Engineer, MASCON Associates (Pvt) Ltd & HA Consulting

Project: Construction of Medical Store Depot, Gurumangat Road Lahore

Our Ref. No. CL/CED/ 2568 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. HA-MAS/RE/MSD/10 **Dated:** 19/07/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 2/8/2023 **Tested on:** 09/08/2023 **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	Equip. Store 1st Fl. To 2nd Fl. Col.	31	5	2023	6Diax12	---	13.4	28.28	71	5624	---	Non Engraved
2	Equip. Store 1st Fl. To 2nd Fl. Col.	31	5	2023	6Diax12	---	13.8	28.28	81	6416	---	Non Engraved
3	Equip. Store 1st Fl. To 2nd Fl. Col.	31	5	2023	6Diax12	---	14	28.28	73	5782	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

5592
Dr. M. Mazhar

To: Engr. Tanveer Afzal
General Manager- Blue Bricks, Blue Town Sapphire Lahore

Project: Construction of Blue Town Sapphire Housing Scheme Lahore

Our Ref. No. CL/CED/ 2569 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. BTS/Lab/00103 **Dated:** 22/7/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/7/2023 **Tested on:** 09/08/2023 **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	Footing Col. Left/s (4000 Psi)	24	6	2023	6Diax12	---	13.2	28.28	73	5782	---	Engraved
2	Footing Col. Left/s (4000 Psi)	24	6	2023	6Diax12	---	13	28.28	71	5624	---	Engraved
3	1st Floor Slab (3000 Psi)	24	6	2023	6Diax12	---	13.4	28.28	35	2772	---	Engraved
4	1st Floor Slab (3000 Psi)	24	6	2023	6Diax12	---	13.2	28.28	41	3248	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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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.

5678
Dr. M. Mazhar

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

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

Our Ref. No. CL/CED/ 2570 **Dated: 09/08/2023** **Test Specification**

Your Ref. No. PCS/23/Eng/98 **Dated: 07/08/2023** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 08/08/2023 **Tested on:** 09/08/2023 **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	Basement Raft	4	6	2023	6Diax12	---	14	28.28	69	5465	---	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 compresssive 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.

5678
Dr. M. Mazhar

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

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

Our Ref. No. CL/CED/ 2571 Dated: 09/08/2023 **Test Specification**

Your Ref. No. PCS/23/Eng/99 Dated: 07/08/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08/08/2023 **Tested on:** 08/09/2023 **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	Basement Raft	4	6	2023	6Diax12	---	14	28.28	94	7446	---	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 compresssive 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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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5682
Dr. M. Mazhar

To: Mr. Abdul Karim Tahir
Head Coordination and Development, Adabistan-e-Soophia School

Project: Nil

Our Ref. No. CL/CED/ 2572-1 of 2 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. AES/23/16276 **Dated:** 07/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 08/08/2023 **Tested on:** 09/08/2023 **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	---	12	7	2023	6x6x6	---	8	36	41	2551	---	Non Engraved
2	---	12	7	2023	6x6x6	---	8	36	45	2800	---	Non Engraved
3	---	12	7	2023	6x6x6	---	8	36	41	2551	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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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.

5533
Dr. Aqsa

To: H.M. Ahsan Saif
Resident Engineer, The Engineer Representative (VELOSI), AIOU Sahiwal

Project: Construction of AIOU Regional Campus Sahiwal

Our Ref. No. CL/CED/ 2573 **Dated: 09/08/2023** **Test Specification**

Your Ref. No. VISP/135/AIOU/SWL/018 **Dated: 10/07/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/7/2023 **Tested on:** 08/08/2023 **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	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6	---	8	36	86	5351	---	Non Engraved
2	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6	---	8	36	65	4044	---	Engraved
3	Column 5000 Psi (1:1:2)	28	5	2023	6x6x6	---	8	36	37	2302	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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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
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4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compresssive 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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

5533
Dr. Aqsa

To: H.M. Ahsan Saif
Resident Engineer, The Engineer Representative (VELOSI), AIOU Sahiwal

Project: Construction of AIOU Regional Campus Sahiwal

Our Ref. No. CL/CED/ 2574 **Dated: 09/08/2023** **Test Specification**

Your Ref. No. VISP/135/AIOU/SWL/017 **Dated: 07/07/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/7/2023 **Tested on:** 08/08/2023 **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	Slab 3750 Psi (1:1.5:3)	17	6	2023	6x6x6	---	8.2	36	76	4729	---	Engraved
2	Slab 3750 Psi (1:1.5:3)	17	6	2023	6x6x6	---	8.6	36	70	4356	---	Engraved
3	Slab 3750 Psi (1:1.5:3)	17	6	2023	6x6x6	---	8.6	36	84	5227	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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 compresssive 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
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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.

5656
Dr. Aqsa

To: Engr. Ali Aqdas Baloch
Deputy Manager (Civil), Zero Carbon (Solar) Pvt. Limited

Project: Installation of 792 KW Solar Plant at Aitchison College Lahore (P-1 Solar Structure Foundation)

Our Ref. No. CL/CED/ 2575 **Dated: 09/08/2023** **Test Specification**

Your Ref. No. ZC/UET/92 **Dated: 03/08/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 08/08/2023 **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 (1:2:4)	16	7	2023	6x6x6	---	7.2	36	42	2613	---	Non Engraved
2	3000 Psi (1:2:4)	16	7	2023	6x6x6	---	8	36	48	2987	---	Non Engraved
3	3000 Psi (1:2:4)	16	7	2023	6x6x6	---	7.6	36	45	2800	---	Non Engraved
4	3000 Psi (1:2:4)	16	7	2023	6x6x6	---	7.6	36	48	2987	---	Non Engraved
5	3000 Psi (1:2:4)	16	7	2023	6x6x6	---	7.6	36	52	3236	---	Non Engraved
6	3000 Psi (1:2:4)	16	7	2023	6x6x6	---	7.6	36	49	3049	---	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 compresssive 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.

5656
Dr. Aqsa

To: Engr. Ali Aqdas Baloch
Deputy Manager (Civil), Zero Carbon (Solar) Pvt. Limited

Project: Installation of 792 KW Solar Plant at Aitchison College Lahore (P-1 Solar Structure Foundation)

Our Ref. No. CL/CED/ 2576 **Dated: 09/08/2023** **Test Specification**

Your Ref. No. ZC/UET/92 **Dated: 03/08/2023** **(BS 1881-116)**

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 08/08/2023 **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 (1:2:4)	2	7	2023	6x6x6	---	8	36	75	4667	---	Non Engraved
2	3000 Psi (1:2:4)	2	7	2023	6x6x6	---	8	36	69	4293	---	Non Engraved
3	3000 Psi (1:2:4)	2	7	2023	6x6x6	---	8	36	76	4729	---	Non Engraved
4	3000 Psi (1:2:4)	2	7	2023	6x6x6	---	8.2	36	84	5227	---	Non Engraved
5	3000 Psi (1:2:4)	2	7	2023	6x6x6	---	8	36	61	3796	---	Non Engraved
6	3000 Psi (1:2:4)	2	7	2023	6x6x6	---	8.4	36	76	4729	---	Non Engraved
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

5656
Dr. Aqsa

To: Engr. Ali Aqdas Baloch
Deputy Manager (Civil), Zero Carbon (Solar) Pvt. Limited

Project: Installation of 300 KW Solar Plant at Al Mukhtar House Fatima Group. (P-1 Raised Structure Foundation)

Our Ref. No. CL/CED/ 2577 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. ZC/UET/92 **Dated:** 03/08/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 08/08/2023 **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 (1:2:3)	18	7	2023	6x6x6	---	7.8	36	51	3173	---	Non Engraved
2	3000 Psi (1:2:3)	18	7	2023	6x6x6	---	7.8	36	56	3484	---	Non Engraved
3	3000 Psi (1:2:3)	18	7	2023	6x6x6	---	8	36	57	3547	---	Non Engraved
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 compresssive 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.

5660
Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)-PMDFC, Improvement & Rehabilitation of Govt. Colony Park and Fatima Jinnah Park, MC Okara. (Contractor: M/s Sajjad Pvt. Ltd.)

Our Ref. No. CL/CED/ 2578 Dated: 09/08/2023 Test Specification

Your Ref. No. 488-J01-04/1-CS/P07 Dated: 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 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	Uni-Block, Grey, 60mm	---	---	---	2.3 thick	---	3475	37.44	101	6043	---	OKR-GCP, No.1
2	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3360	37.44	129	7718	---	OKR-GCP, No.1
3	Uni-Block, Red, 60mm	---	---	---	2.3 thick	---	3345	37.44	132	7897	---	OKR-GCP, No.1
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE/TL JERS Consultancy (Pvt) Ltd.; CNIC 36302-0448706-9

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.

5660
Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)-PMDFC, Construction of SWM Parking Shed in MC Okara. (Contractor: M/S Adnan Construction Company)

Our Ref. No. CL/CED/ 2579 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. 488-J01-04/1-CS/11 **Dated:** 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 09/08/2023 **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	Uni-Block, Grey, 80mm	---	---	---	3.2 thick	---	4775	37.44	124	7419	---	OKR-P.S, No.2
2	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4500	37.44	110	6581	---	OKR-P.S, No.2
3	Uni-Block, Red, 80mm	---	---	---	3.2 thick	---	4315	37.44	59	3530	---	OKR-P.S, No.2
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE/TL JERS Consultancy (Pvt) Ltd.; CNIC 363020448706-9

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.

5660
Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)-PMDFC, Improvement and Construction of Chowks in Kamalia City, MC Kamalia. (M/s Subhan Construction Company)

Our Ref. No. CL/CED/ 2580 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. 488-J01-03/CS/12 **Dated:** 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 09/08/2023 **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	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4005	37.44	49	2932	---	KML- P. CWK, No.3
2	Uni-Block, Red, 80mm	---	---	---	3.1 thick	---	4045	37.44	42	2513	---	KML- P. CWK, No.3
3	Uni-Block, Grey, 80mm	---	---	---	3.1 thick	---	4260	37.44	47	2812	---	KML- P. CWK, No.3
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE/TL JERS Consultancy (Pvt) Ltd.; CNIC 363020448706-99

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.

5660
Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Improvement and Rehabilitation of P4 Chemni Peer Road, MC Gojra. (M/s Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2581 Dated: 09/08/2023 Test Specification

Your Ref. No. 488-J01-12/CS/08R Dated: 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3635	29.64	126	9522	---	GJR-P4, No.4
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3610	29.64	112	8464	---	GJR-P4, No.4
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3565	29.64	128	9673	---	GJR-P4, No.4
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 363020448706-9

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.

5660
Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Improvement and Rehabilitation of Roads & Chowks in Gojra City (P3) Summandri Husnia Colony, Chemni Peer Road, MC Gojra. (M/s Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2582 Dated: 09/08/2023 Test Specification

Your Ref. No. 488-J01-12/CS/07R Dated: 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 Tested on: 09/08/2023 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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3605	29.64	127	9598	---	GJR-P3, No.5
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3530	29.64	57	4308	---	GJR-P3, No.5
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3520	29.64	111	8389	---	GJR-P3, No.5
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

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 compresssive 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.

5660
Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Widening & Improvement of Stadium Road and Jaswant Nagar Chowk to SP Chowk to Underpass Road, MC Khanewal. (M/s Abdul Hamid Ghouri & Co.)

Our Ref. No. CL/CED/ 2583 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. 488-J01-16/CS/12 **Dated:** 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 09/08/2023 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3545	29.64	91	6877	---	KWL-RD, No.6
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3485	29.64	69	5215	---	KWL-RD, No.6
3	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3	---	3485	29.64	69	5215	---	KWL-RD, No.6
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

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 compresssive 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
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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.

5660
Dr. M. Yousaf

To: Mr. Sadat Waleed Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Providing and Laying of Tuff Pavers in Streets of MC Jhang. (M/s Shad Construction & Co.)

Our Ref. No. CL/CED/ 2584 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. 488-J01-01/CS/04 **Dated:** 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 09/08/2023 **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	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3725	29.64	99	7482	---	JHG-T.P, No.7
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3	---	3605	29.64	105	7935	---	JHG-T.P, No.7
3	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3	---	3735	29.64	111	8389	---	JHG-T.P, No.7
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

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

ORIGINAL
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5660
Dr. M. Yousaf

To: Mr. Sadat Waled Ansari
Team Leader, JERS Consultancy (Pvt) Ltd

Project: Punjab Cities Program (PCP)- PMDFC, Improvement & Rehabilitation of Roads & Chowks in MC Jaranwala. (M/s Abdul Ghafoor Goheer)

Our Ref. No. CL/CED/ 2585 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. 488-J01-11/CS/04 **Dated:** 02/07/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2023 **Tested on:** 09/08/2023 **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	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3655	29.64	80	6046	---	JRW, No.8
2	Rectangular, Red, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3550	29.64	71	5366	---	JRW, No.8
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.8 x 3.1	---	3600	29.64	107	8086	---	JRW, No.8
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Witnessed by: Mr. Sadat Waleed, CRE/TL Jers Consultancy (Pvt) Ltd; CNIC 36302-0448706-9

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

1. * as engraved on the specimens (if any)
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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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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.

5623
Dr. Aqsa

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

Project: Test Reports Regarding CC No. 491/2023

Our Ref. No. CL/CED/ 2586-1 of 2 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. ACE.MR-(CC#491)/2023 5096 **Dated:** 25/7/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 **Tested on:** 08/08/2023 **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	Bricks Edg. Mark "11" RD 604+00	---	---	---	8.5 x 4.2 x 2.6	2910	2690	35.7	38	2384	8.18	Machine Made Used Sample
2	Bricks Edg. Mark "11" RD 604+00	---	---	---	8.5 x 4.2 x 2.8	3010	2695	35.7	31	1945	11.69	Machine Made Used Sample
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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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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5623
Dr. Aqsa

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

Project: Test Reports Regarding CC No. 491/2023

Our Ref. No. CL/CED/ 2586-2 of 2 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. ACE.MR-(CC#491)/2023 5096 **Dated:** 25/7/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 **Tested on:** 08/08/2023 **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	Rect. Grey, 80mm, RD 18+00	---	---	---	7.8 x 3.8 x 3.1	---	3735	29.64	93	7028	---	Used Sample
2	Rect. Grey, 80mm, RD 18+00	---	---	---	7.8 x 3.8 x 3.1	---	3790	29.64	85	6424	---	Used Sample
3	Rect. Grey, 80mm, RD 18+00	---	---	---	7.8 x 3.8 x 3.1	---	3785	29.64	94	7104	---	Used Sample
4	Rect. Grey, 80mm, RD 18+00	---	---	---	7.8 x 3.8 x 3.1	---	3675	29.64	90	6802	---	Used Sample
5	Rect. Grey, 80mm, RD 18+00	---	---	---	7.8 x 3.8 x 3.1	---	3810	29.64	88	6650	---	Used Sample
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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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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5622
Dr. Aqsa

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

Project: Test Reports Regarding CC No. 491/2023

Our Ref. No. CL/CED/ 2587 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. ACE.MR-(CC#491)/2023 5095 **Dated:** 25/7/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 26/7/2023 **Tested on:** 08/08/2023 **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	Bricks Mark "JB" RD=313+70 (R/S)	---	---	---	8.5 x 4.3 x 2.8	2975	2625	36.55	36	2206	13.33	Machine Made Used Sample
2	Bricks Mark "JB" RD=313+70 (R/S)	---	---	---	8.6 x 4.3 x 2.7	2885	2500	36.98	32	1938	15.4	Machine Made Used Sample
3	Bricks Mark "JB" RD=313+70 (R/S)	---	---	---	8.7 x 4.2 x 2.7	3030	2630	36.54	32	1962	15.21	Machine Made Used Sample
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

5620
Dr. Aqsa

To: Mr. Shahzad Muneer
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal .

Our Ref. No. CL/CED/ 2588 Dated: 09/08/2023 Test Specification

Your Ref. No. G3/237/RE/61 Dated: 17/7/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 26/7/2023 Tested on: 08/08/2023 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	Z * A	---	---	---	8.4 x 4.1 x 2.6	2945	2560	34.44	40	2602	15.04	---
2	Z * A	---	---	---	8.3 x 4 x 3	3200	2825	33.2	41	2766	13.27	---
3	Z * A	---	---	---	8.5 x 4.2 x 2.7	3040	2610	35.7	41	2573	16.48	---
4	Z * A	---	---	---	8.7 x 4.3 x 2.7	2980	2650	37.41	50	2994	12.45	---
5	Z * A	---	---	---	8.4 x 4 x 2.8	3140	2755	33.6	40	2667	13.97	---
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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.

5620
Dr. Aqsa

To: Mr. Shahzad Muneer
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Consultancy Services for Master Planning Designing and Resident Type Supervision of the Scheme Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 2589 **Dated:** 09/08/2023 **Test Specification**

Your Ref. No. G3/237/RE/60 **Dated:** 17/7/2023 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 26/07/2023 **Tested on:** 08/08/2023 **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	---	16	6	2023	6Diax12	---	12.2	28.28	49	3881	---	Engraved
2	---	16	6	2023	6Diax12	---	12.4	28.28	36	2851	---	Engraved
3	---	16	6	2023	6Diax12	---	12.2	28.28	38	3010	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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**

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Civil Engineering Department
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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5637
Dr. Aqsa

To: Engr. Asghar Abbas
Resident Engineer-I, Indus Associate Consultant (JV) Mianwali.

Project: Rehabilitation and Improvement of Mianwali- Muzaffargarh Road N-130 & N-135.

Our Ref. No. CL/CED/ 2590 Dated: 09/08/2023 Test Specification

Your Ref. No. RE/IAC/BM/2023/263 Dated: 27/7/2023 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 31/7/2023 Tested on: 08/08/2023 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	Kerb Stone	---	---	---	5.9 x 6 x 6	---	7.4	35.4	55	3480	---	Cut Cube
2	Kerb Stone	---	---	---	6 x 6 x 6	---	8	36	51	3173	---	Cut Cube
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
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.

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Dr. Aqsa

To: Engr. Asghar Abbas
Resident Engineer-I, Indus Associate Consultant (JV) Mianwali

Project: Rehabilitation and Improvement of Mianwali- Muzaffargarh Road N-130 & N-135.

Our Ref. No. CL/CED/ 2591 **Dated: 09/08/2023** **Test Specification**

Your Ref. No. RE/IAC/BM/2023/262 **Dated: 27/7/2023** **(----)**

COMPRESSION TEST REPORT

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

Specimens received on: 31/7/2023 **Tested on:** 08/08/2023 **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	Kerb Stone	---	---	---	5.9 x 5.8 x 6	---	8	34.22	74	4844	---	Cut Cube
2	Kerb Stone	---	---	---	5.8 x 5.9 x 6	---	7.6	34.22	67	4386	---	Cut Cube
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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

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