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.

4058
Engr. A. Rehman

To: Mr. Sana Ullah Cheema, Resident Engineer
AZ Engineering Associates Gujranwala. (Contractor: M/S Asad Builders)

Project: Dualization of Road from Shadiwal to Chak Gillan L=16.50 Km District Gujrat (Group No. 2, Km 8.50 to 16.50 L=8.00 Kms.)

Our Ref. No. CL/CED/ 242 Dated: 02-11-22 Test Specification

Your Ref. No. AZEA/RE/GRW/404 Dated: 08-09-22 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13-10-22 Tested on: 02-11-22 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	---	---	---	6x6x6	---	7.4	36	67	4169	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	7.6	36	49	3049	---	Cut Cube
3	Kerb Stone	---	---	---	6x6x6	---	7.6	36	61	3796	---	Cut Cube
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 comprerssive strength

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

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

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

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4167
Dr. Mazhar

To: Mr. Rao Imran, PM
Astral Constructors (Pvt.) Ltd.

Project: Construction of McDonald, Etihad Town, Lahore

Our Ref. No. CL/CED/ 243 **Dated:** 02-11-22 **Test Specification**

Your Ref. No. AST/MCD/20 **Dated:** 20-10-22 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-11-22 **Tested on:** 02-11-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Roof Slab (3000 Psi)	26	10	2022	6Diax12	---	13.6	28.28	43	3406	---	Non Engraved
2	Roof Slab (3000 Psi)	26	10	2022	6Diax12	---	14	28.28	45	3564	---	Non Engraved
3	Roof Slab (3000 Psi)	26	10	2022	6Diax12	---	14	28.28	49	3881	---	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 comprerssive strength

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

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

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

Plain and Reinforced Concrete Laboratory
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4064
Dr. Umbreen

To: **Mr. Muhammad Khalid Zaman, Resident Engineer**
ECSP (Pvt) Ltd. (Contractor: KSB PUMPS (Pvt.) Ltd.)

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

Our Ref. No. CL/CED/ 244 **Dated: 02-11-22** **Test Specification**

Your Ref. No. ECSP/PAPA/CZ-RN-39 **Dated: 13-10-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17-10-22 **Tested on:** 18-10-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Chak 28/1AL (1:2:4)	31	3	2022	6Diax12	---	12.4	28.28	81	6416	---	Non Engraved
2	Chak 28/1AL (1:2:4)	31	3	2022	6Diax12	---	13	28.28	71	5624	---	Non Engraved
3	Chak 28/1AL (1:2:4)	31	3	2022	6Diax12	---	13	28.28	83	6574	---	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 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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4064
Dr. Umbreen

To: **Mr. Muhammad Khalid Zaman, Resident Engineer**
ECSP (Pvt) Ltd. (Contractor: KSB PUMPS (Pvt.) Ltd.)

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

Our Ref. No. CL/CED/ 245 **Dated: 02-11-22** **Test Specification**

Your Ref. No. ECSP/PAPA/CZ-RN-39 **Dated: 13-10-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 17-10-22 **Tested on:** 18-10-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Chak 28/1AL (1:2:4)	31	3	2022	6Diax12	---	13.2	28.28	69	5465	---	Non Engraved
2	Chak 28/1AL (1:2:4)	31	3	2022	6Diax12	---	12.4	28.28	51	4040	---	Non Engraved
3	Chak 28/1AL (1:2:4)	31	3	2022	6Diax12	---	13	28.28	51	4040	---	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)
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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)
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ORIGINAL
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4172
Dr. Mazhar

To: Engr. Bilal Yaqoob Virk
Assistant Executive Engineer-II, CCD, PAK.PWD, Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura, Phase-II (SH: Establishment of Library, Lab, E-Ticketing etc)

Our Ref. No. CL/CED/ 246 Dated: 02-11-22 Test Specification

Your Ref. No. AEE-II/CCD/GA/Work/NHMP/P-II/Lab/73 Dated: 13-09-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01-11-22 Tested on: 02-11-22 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 & Strip Foundation	18	7	2022	6Diax12	---	12.4	28.28	16	1267	---	Non Engraved
2	Raft & Strip Foundation	18	7	2022	6Diax12	---	12.4	28.28	19	1505	---	Engraved
3	Raft & Strip Foundation	19	7	2022	6Diax12	---	13	28.28	27	2139	---	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
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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

4139
Dr. Mazhar

To: Engr. Muhammad Awais Iqbal
Project Manager, Shell Filling Station Askari XI

Project: SHELL FILLING STATION ASKARI XI LAHORE

Our Ref. No. CL/CED/ 247 **Dated: 02-11-22** **Test Specification**

Your Ref. No. Nil **Dated: 24/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 26/10/2022 Tested on: 02-11-22 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	Main Bldg Fndn Bed (7)	13	9	2022	6Diax12	---	12.4	28.28	10	792	---	Non Engraved
2	Main Bldg Fndn Bed (8)	13	9	2022	6Diax12	---	12.8	28.28	18	1426	---	Non Engraved
3	Main Bldg Fndn Bed (9)	13	9	2022	6Diax12	---	12.8	28.28	18	1426	---	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 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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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4139
Dr. Mazhar

To: Engr. Muhammad Awais Iqbal
Project Manager, Shell Filling Station Askari XI

Project: SHELL FILLING STATION ASKARI XI LAHORE

Our Ref. No. CL/CED/ 248 Dated: 02-11-22 Test Specification

Your Ref. No. Nil Dated: 24/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/10/2022 **Tested on:** 02-11-22 **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	Main Bldg Plinth beam (49)	16	10	2022	6Diax12	---	13.2	28.28	53	4198	---	Non Engraved
2	Main Bldg Plinth beam (50)	16	10	2022	6Diax12	---	14	28.28	47	3723	---	Non Engraved
3	Main Bldg Plinth beam (51)	16	10	2022	6Diax12	---	13.8	28.28	51	4040	---	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 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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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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4139
Dr. Mazhar

To: Engr. Muhammad Awais Iqbal
Project Manager, Shell Filling Station Askari XI

Project: SHELL FILLING STATION ASKARI XI LAHORE

Our Ref. No. CL/CED/ 249 **Dated: 02-11-22** **Test Specification**

Your Ref. No. Nil **Dated: 24/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 26/10/2022 Tested on: 02-11-22 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	Main Bldg Col. (43)	13	10	2022	6Diax12	---	13.6	28.28	59	4673	---	Non Engraved
2	Main Bldg Col. (44)	13	10	2022	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
3	Main Bldg Col. (45)	13	10	2022	6Diax12	---	13.2	28.28	59	4673	---	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 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.

4139
Dr. Mazhar

To: Engr. Muhammad Awais Iqbal
Project Manager, Shell Filling Station Askari XI

Project: SHELL FILLING STATION ASKARI XI LAHORE

Our Ref. No. CL/CED/ 250 **Dated: 02-11-22** **Test Specification**

Your Ref. No. Nil **Dated: 24/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 26/10/2022 Tested on: 02-11-22 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	Main Bldg Footing (13)	28	9	2022	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
2	Main Bldg Footing (14)	28	9	2022	6Diax12	---	13	28.28	59	4673	---	Non Engraved
3	Main Bldg Footing (15)	28	9	2022	6Diax12	---	13	28.28	55	4356	---	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 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.

4165
Dr. Mazhar

To: Mr. Shahid Masood
Power Tracks

Project: Coca Cola RCC Project Raiwind Road, Lahore.

Our Ref. No. CL/CED/ 251 Dated: 02-11-22 **Test Specification**

Your Ref. No. Nil Dated: 01-11-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 01-11-22 **Tested on:** 02-11-22 **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	Plinth Beam (RCC Flooring)	25	10	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
2	Plinth Beam (RCC Flooring)	25	10	2022	6Diax12	---	13.2	28.28	57	4515	---	Non Engraved
3	Plinth Beam (RCC Flooring)	25	10	2022	6Diax12	---	13	28.28	61	4832	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

4123
Dr. Safeer Abbas

To: Mr. Umair Badar
Site Incharge, TETRA READY MIX

Project: House No. 45M A/3 Gulberg III Lahore. (Client: Mr. Haroon Malik Residence)

Our Ref. No. CL/CED/ 252 **Dated:** 02-11-22 **Test Specification**

Your Ref. No. TRM/Shahzad/006 **Dated:** 24/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 **Tested on:** 02-11-22 **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	4500 Psi	14	10	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	4500 Psi	14	10	2022	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	4500 Psi	14	10	2022	6Diax12	---	14	28.28	65	5149	---	Non Engraved
4	4500 Psi	14	10	2022	6Diax12	---	13.6	28.28	65	5149	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shahzad

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.

4158
Dr. Safeer Abbas

To: Mr. Umair Badar
Site Incharge, TETRA READY MIX

Project: House No. 45M A/3 Gulberg III Lahore. (Client: Mr. Haroon Malik Residence)

Our Ref. No. CL/CED/ 253 **Dated:** 02-11-22 **Test Specification**

Your Ref. No. TRM/Shahzad/006 **Dated:** 28/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 28/10/2022 **Tested on:** 02-11-22 **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	4500 Psi	19	10	2022	6Diax12	---	14	28.28	59	4673	---	Non Engraved
2	4500 Psi	19	10	2022	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Shahzad

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.

4160
Dr. Mazhar

To: Muhammad Irfan
Dogar Market, Lahore.

Project: 414 G4 Johar Town Lahore

Our Ref. No. CL/CED/ 254 **Dated:** 02-11-22

Your Ref. No. Nil **Dated:** 31-10-22

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 31-10-22 **Tested on:** 02-11-22 **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	---	2	10	2022	6Diax12	---	15	28.28	41	3248	---	Engraved
2	---	2	10	2022	6Diax12	---	15	28.28	47	3723	---	Engraved
3	---	2	10	2022	6Diax12	---	15	28.28	27	2139	---	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 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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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.

4152
Dr. Mazhar

To: Mr. Amein uddin
PM Project, Majeed Associates (Pvt.) Ltd. Karachi.

Project: Construction of ABL Bank Branch Johar Town Expo Centre

Our Ref. No. CL/CED/ 255 **Dated:** 02-11-22 **Test Specification**

Your Ref. No. Nil **Dated:** 20/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 27/10/2022 **Tested on:** 02-11-22 **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	---	20	10	2022	6Diax12	---	12.4	28.28	39	3089	---	Non Engraved
2	---	20	10	2022	6Diax12	---	13	28.28	79	6257	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

4159
Dr. Mazhar

To: Prof. Engr. Dr. Abdullah Yasar, Campus Engineer
GC University Lahore (Engineering Cell)

Project: Construction of New Girls Hostel at GCU Lahore (Main Campus)

Our Ref. No. CL/CED/ 256-1 of 2 **Dated: 02-11-22** **Test Specification**

Your Ref. No. GCU/Engr./2099/P **Dated: 26/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 28/10/2022 **Tested on:** 02-11-22 **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	---	29	9	2022	6Diax12	---	14	28.28	65	5149	---	Engraved
2	---	29	9	2022	6Diax12	---	14	28.28	53	4198	---	Engraved
3	---	29	9	2022	6Diax12	---	14	28.28	63	4990	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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.

4159
Dr. Mazhar

To: Prof. Engr. Dr. Abdullah Yasar, Campus Engineer
GC University Lahore (Engineering Cell)

Project: Construction of New Girls Hostel at GCU Lahore (Main Campus)

Our Ref. No. CL/CED/ 256-2 of 2 Dated: 02-11-22 Test Specification

Your Ref. No. GCU/Engr./2099/P Dated: 26/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 28/10/2022 **Tested on:** 02-11-22 **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	---	29	9	2022	6x6x6	---	8.8	36	80	4978	---	Engraved
2	---	29	9	2022	6x6x6	---	8.6	36	81	5040	---	Engraved
3	---	29	9	2022	6x6x6	---	8.4	36	77	4791	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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

4150
Dr. Mazhar

To: Engr. Zahid Nisar Hashmi
Head / Manager Projects

Project: Construction of Multi-Storied Parking Garage SKMCH&RC, Lahore.

Our Ref. No. CL/CED/ 257 **Dated: 02-11-22** **Test Specification**

Your Ref. No. SKM/PG/UET/10/17 **Dated: 25/10/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 27/10/2022 **Tested on:** 02-11-22 **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)	23	9	2022	6Diax12	---	12.6	28.28	71	5624	---	Non Engraved
2	Column (5000 Psi)	23	9	2022	6Diax12	---	14	28.28	98	7762	---	Non Engraved
3	Column (5000 Psi)	23	9	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
4	Slab (4000 Psi)	26	9	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
5	Slab (4000 Psi)	26	9	2022	6Diax12	---	13	28.28	47	3723	---	Non Engraved
6	Slab (4000 Psi)	26	9	2022	6Diax12	---	14	28.28	104	8238	---	Non Engraved
7	Slab (4000 Psi)	26	9	2022	6Diax12	---	13	28.28	69	5465	---	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 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.

4117
Dr. Mazhar

To: Sub Divisional Officer
Buildings Sub Division No. 9, Lahore.

Project: Master Planning of Qurban Lines, Lahore (Phase-I). Construction of BS (18-19) Apartments at Qurban Lines, Lahore.

Our Ref. No. CL/CED/ 258 Dated: 02-11-22 Test Specification

Your Ref. No. 473/9TH Dated: 13/10/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 02-11-22 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	RA	---	---	---	9 x 4.5 x 3.1	3925	3490	40.5	39	2157	12.46	---
2	RA	---	---	---	8.9 x 4.4 x 3	3935	3550	39.16	39	2231	10.85	---
3	RA	---	---	---	8.9 x 4.4 x 3	3900	3490	39.16	43	2460	11.75	---
4	RA	---	---	---	9 x 4.4 x 3	3890	3300	39.6	45	2545	17.88	---
5	RA	---	---	---	9 x 4.4 x 3	3885	3400	39.6	41	2319	14.26	---
6	RA	---	---	---	8.9 x 4.4 x 3	3880	3420	39.16	37	2116	13.45	---
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 comprerssive strength

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

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

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

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

4117
Dr. Mazhar

To: Sub Divisional Officer
Buildings Sub Division No. 22, Lahore.

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 259 **Dated: 02-11-22** **Test Specification**

Your Ref. No. 181/22nd **Dated: 21/10/2022** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 **Tested on:** 02-11-22 **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	RA	---	---	---	9 x 4.5 x 3	4030	3410	40.5	41	2268	18.18	---
2	RA	---	---	---	8.9 x 4.4 x 3.1	3945	3425	39.16	41	2345	15.18	---
3	RA	---	---	---	8.9 x 4.4 x 3	3925	3435	39.16	43	2460	14.26	---
4	RA	---	---	---	8.8 x 4.4 x 3	3770	3430	38.72	43	2488	9.91	---
5	RA	---	---	---	8.9 x 4.4 x 3	3875	3415	39.16	45	2574	13.47	---
6	RA	---	---	---	8.8 x 4.4 x 3	3870	3475	38.72	41	2372	11.37	---
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 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.

3927
Dr. Umbreen

To: Mr. Arslan Masood, Director
XPERT Construction Chemicals (Pvt.) Ltd. Ferozepur Road, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 9923-3 of 3 **Dated:** 02-11-22

Your Ref. No. XCCPL Ref: HO/22/013 **Dated:** 22-09-22

Test Specification
(----)

ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 22-09-22 **Tested on:** 24-10-22 **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 (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	20.1	11075	---	Non Engraved
2	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	22	12122	---	Non Engraved
3	XPERT GROUT-85	20	9	2022	2x2x2	---	280	4	22.5	12398	---	Non Engraved
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Witnessed by: Nil

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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