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.

2984
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8402 **Dated:** 28/3/2022 **Test Specification**

Your Ref. No. IHPL/Con/713 **Dated:** 15/3/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	20	2	2022	6Diax12	---	14	28.28	98	7762	---	Non Engraved
2	6000 Psi	20	2	2022	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
3	6000 Psi	20	2	2022	6Diax12	---	13	28.28	94	7446	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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

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

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

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

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

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ORIGINAL
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2984
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8403 **Dated:** 28/3/2022 **Test Specification**

Your Ref. No. IHPL/Con/714 **Dated:** 15/3/2022 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	20	2	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
2	4000 Psi	20	2	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
3	4000 Psi	20	2	2022	6Diax12	---	13.2	28.28	79	6257	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

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ORIGINAL
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2984
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8404 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. IHPL/Con/712 **Dated: 15/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	19	2	2022	6Diax12	---	14.2	28.28	83	6574	---	Non Engraved
2	6000 Psi	19	2	2022	6Diax12	---	14	28.28	81	6416	---	Non Engraved
3	6000 Psi	19	2	2022	6Diax12	---	13.4	28.28	88	6970	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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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2984
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8405 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. IHPL/Con/711 **Dated: 15/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	19	2	2022	6Diax12	---	14	28.28	79	6257	---	Non Engraved
2	4000 Psi	19	2	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	4000 Psi	19	2	2022	6Diax12	---	13.2	28.28	81	6416	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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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2984
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8406 **Dated:** 28/3/2022 **Test Specification**

Your Ref. No. IHPL/Con/708 **Dated:** 15/3/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	15	2	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
2	4000 Psi	15	2	2022	6Diax12	---	13.8	28.28	71	5624	---	Non Engraved
3	4000 Psi	15	2	2022	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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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2984
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8407 **Dated:** 28/3/2022

Your Ref. No. IHPL/Con/707 **Dated:** 15/3/2022

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	15	2	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
2	6000 Psi	15	2	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	6000 Psi	15	2	2022	6Diax12	---	14	28.28	88	6970	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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

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2984
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8408 **Dated:** 28/3/2022 **Test Specification**

Your Ref. No. IHPL/Con/706 **Dated:** 28-02-22 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	11	2	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
2	6000 Psi	11	2	2022	6Diax12	---	13.8	28.28	92	7287	---	Non Engraved
3	6000 Psi	11	2	2022	6Diax12	---	13.4	28.28	96	7604	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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2984
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8409 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. IHPL/Con/705 **Dated: 28-02-22** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

ONLINE REPORT

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	10	2	2022	6Diax12	---	13.4	28.28	88	6970	---	Non Engraved
2	6000 Psi	10	2	2022	6Diax12	---	13.8	28.28	96	7604	---	Non Engraved
3	6000 Psi	10	2	2022	6Diax12	---	13.8	28.28	92	7287	---	Non Engraved
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8410 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. IHPL/Con/709 **Dated: 15-03-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	16	2	2022	6Diax12	---	13.8	28.28	92	7287	---	Non Engraved
2	6000 Psi	16	2	2022	6Diax12	---	14	28.28	83	6574	---	Non Engraved
3	6000 Psi	16	2	2022	6Diax12	---	13.8	28.28	98	7762	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984
Dr. Umbreen

To: Muhammad Shahbaz
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8411 **Dated:** 28/3/2022 **Test Specification**

Your Ref. No. IHPL/Con/704 **Dated:** 28-02-22 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	8	2	2022	6Diax12	---	14	28.28	53	4198	---	Non Engraved
2	6000 Psi	8	2	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
3	6000 Psi	8	2	2022	6Diax12	---	14	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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.

2984
Dr. Umbreen

To: **Muhammad Shahbaz**
For and Behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 8412 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. IHPL/Con/710 **Dated: 15-03-22** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	16	2	2022	6Diax12	---	13.8	28.28	86	6812	---	Non Engraved
2	4000 Psi	16	2	2022	6Diax12	---	13.8	28.28	96	7604	---	Non Engraved
3	4000 Psi	16	2	2022	6Diax12	---	13.4	28.28	90	7129	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Engr. Rafi Ullah Bajwa (IHPL)

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
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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.

3020
Dr. Mazhar

To: Muhammad Afan
Project Manager, Icon Vally Phase II, Lahore.

Project: Icon Signature Second Floor (K to N 1-6) (Column). (Client; Icon Vally).

Our Ref. No. CL/CED/ 8413 Dated: 28/3/2022 Test Specification

Your Ref. No. TRM/LAB/00115-22 Dated: 28/3/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28/03/2022 **Tested on:** 28/3/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	28	1	2022	6Diax12	---	13	28.28	63	4990	---	Non Engraved
2	4000 Psi	28	1	2022	6Diax12	---	13	28.28	63	4990	---	Non Engraved
3	4000 Psi	28	1	2022	6Diax12	---	13	28.28	59	4673	---	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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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

2987
Dr. Umbreen

To: **Engr. Muhammad Bilal Iqbal**
Project Manager, M. Siddique Sons Building Contractor.

Project: Al Fatah Warehouse Extension Attari Ferozepur Road, Lahore. Base (Stage-1).

Our Ref. No. CL/CED/ 8414 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. Nil **Dated: 22/3/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition

ONLINE REPORT

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	14	3	2022	6Diax12	---	14	28.28	43	3406	---	Engraved
2	3000 Psi	14	3	2022	6Diax12	---	12.8	28.28	39	3089	---	Engraved
3	3000 Psi	14	3	2022	6Diax12	---	13.4	28.28	39	3089	---	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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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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Civil Engineering Department
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

2971
Dr. Umbreen

To: **Naveed Al Hassan**
S.E. Farooq's Building Solutions.

Project: Nil

Our Ref. No. CL/CED/ 8415 **Dated: 28/3/2022** **Test Specification**

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

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 21/03/2022 Tested on: 28/3/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	4000 Psi	12	3	2022	6Diax12	---	13.4	28.28	67	5307	---	Engraved
2	4000 Psi	12	3	2022	6Diax12	---	13.2	28.28	71	5624	---	Engraved
3	4000 Psi	12	3	2022	6Diax12	---	13.4	28.28	65	5149	---	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
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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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

2969
Dr. Umbreen

To: **Asfand Yar**
Supervisor Astaco Associates

Project: Jahangir Muggo Residence-01 Cantt, Lahore.

Our Ref. No. CL/CED/ 8416 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. Nil **Dated: 21/03/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 28/3/2022 in dry/wet condition

ONLINE REPORT

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	---	27	2	2022	6Diax12	---	13.4	28.28	45	3564	---	Engraved
2	---	27	2	2022	6Diax12	---	13.4	28.28	53	4198	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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**

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

2980
Dr. Umbreen

To: **M. Ijaz Farooq**
Usman Ibrahim Construction.

Project: Al-Fatah E-Mall Main Blvd. Gulberg.

Our Ref. No. CL/CED/ 8417 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. Nil **Dated: 22/03/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 22/03/2022 Tested on: 28/3/2022 in dry/wet condition

ONLINE REPORT

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	---	9	3	2022	6Diax12	---	13	28.28	33	2614	---	Non Engraved
2	---	9	3	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
3	---	9	3	2022	6Diax12	---	13.6	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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 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.

2970
Dr. Umbreen

To: **Haseeb Gujjar**
Supervisor, Dogar Associates .

Project: Jahangir Muggo Residence-02 Cantt, Lahore.

Our Ref. No. CL/CED/ 8418 **Dated: 28/3/2022** **Test Specification**

Your Ref. No. Nil **Dated: 21/03/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 21/03/2022 Tested on: 28/3/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	5	3	2022	6Diax12	---	12	28.28	27	2139	---	Non Engraved
2	---	5	3	2022	6Diax12	---	12	28.28	33	2614	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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 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.

3007
Dr. Umbreen

To: **Engr. Muhammad Sajjad Karim**
Resident Engineer, Metroplan-Asian JV, Site Office, Nishter-II, Multan.

Project: Establishment of Tertiary Care Hospital, Nishtar-II, Multan. (Contractor; M/S Guarantee Engineers Pvt. Ltd.)

Our Ref. No. CL/CED/ 8419 **Dated: 28-03-22** **Test Specification**

Your Ref. No. Metroplan-Asian JV-Nishtar-II-RE-1396-2022 **Dated: 16/3/2022** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/3/2022 Tested on: 28/3/2022 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	Solid Block	---	---	---	12 x 6 x 8	---	18.6	70.5	63	2002	---	---
2	Solid Block	---	---	---	12 x 6 x 8	---	20	70.5	71	2256	---	---
3	Solid Block	---	---	---	12 x 6 x 8	---	19.4	70.5	53	1684	---	---
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 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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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Dr. Umbreen

To: **Engr. Muhammad Sajjad Karim**
Resident Engineer, Metroplan-Asian JV, Site Office, Nishter-II, Multan.

Project: Establishment of Tertiary Care Hospital, Nishtar-II, Multan. (Contractor; M/S Guarantee Engineers Pvt. Ltd.)

Our Ref. No. CL/CED/ 84120 **Dated:** **28-03-22** **Test Specification**

Your Ref. No. **Metroplan-Asian JV-Nishtar-II-RE-1399-2022** **Dated:** **16/3/2022** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/3/2022 **Tested on:** 28/3/2022 **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	Hollow Block	---	---	---	15.5 x 7.9 x 8	---	18.6	68.1	25	822	---	---
2	Hollow Block	---	---	---	15.5 x 7.9 x 8	---	19	68.1	21	691	---	---
3	Hollow Block	---	---	---	15.5 x 7.9 x 8	---	20.4	68.1	86	2829	---	---
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 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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Dr. Umbreen

To: **Engr. Muhammad Sajjad Karim**
Resident Engineer, Metroplan-Asian JV, Site Office, Nishter-II, Multan.

Project: Establishment of Tertiary Care Hospital, Nishtar-II, Multan. (Contractor; M/S Guarantee Engineers Pvt. Ltd.)

Our Ref. No. CL/CED/ 8421 **Dated:** **25/3/2022** **Test Specification**

Your Ref. No. **Metroplan-Asian JV-Nishtar-II-RE-1393-2022** **Dated:** **16/3/2022** **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 25/3/2022 **Tested on:** 28/3/2022 **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	Solid Block	---	---	---	11.9 x 3.9 x 8.3	---	12.4	46.41	27	1303	---	---
2	Solid Block	---	---	---	11.9 x 3.9 x 7.9	---	10	46.41	27	1303	---	---
3	Solid Block	---	---	---	11.9 x 3.9 x 8.2	---	11	46.41	15	724	---	---
4	Solid Block	---	---	---	11.9 x 3.9 x 8.2	---	11	46.41	31	1496	---	---
5	Solid Block	---	---	---	11.8 x 3.9 x 8.3	---	10.8	46.02	17	827	---	---
6	Solid Block	---	---	---	11.9 x 3.9 x 8.2	---	11.4	46.41	35	1689	---	---
7	Solid Block	---	---	---	11.8 x 3.9 x 8	---	11.4	46.02	22	1071	---	---
8	Solid Block	---	---	---	11.9 x 3.9 x 8.1	---	11	46.41	19	917	---	---
9	Solid Block	---	---	---	11.9 x 3.9 x 8	---	11	46.41	22	1062	---	---
10	Solid Block	---	---	---	11.9 x 3.9 x 8.1	---	11	46.41	12	579	---	---
11	Solid Block	---	---	---	11.9 x 3.9 x 8.1	---	11	46.41	23	1110	---	---
12	Solid Block	---	---	---	11.9 x 3.9 x 8.1	---	11	46.41	22	1062	---	---
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
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