



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.

4640
 Dr. Umbreen

To: Mr. Ameen Firdous, Civil Engineer
 Prime Builders & Developers, Gulberg III, Lhaore.

Project: B-45 Gulberg III, Lahore.

Our Ref. No. CL/CED/ 997

Dated: 25/01/2023

Test Specification

Your Ref. No. PB024/001/02023

Dated: 24/01/2023

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24/01/2023 Tested on: 24/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	TM-1-Tank (6500 Psi)	24	12	2022	6Diax12	---	14	28.28	73	5782	---	Non Engraved
2	TM-2-Tank (6500 Psi)	24	12	2022	6Diax12	---	14	28.28	77	6099	---	Non Engraved
3	TM-4-Companion (6500 Psi)	24	12	2022	6Diax12	---	13.4	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Uzair, CNIC # 16102-6784638-9

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



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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.

4643
 Dr. Mazhar

To: Mr. Zaman Ahmad Zaki, Manager Operations
 Strength & Style Concrete Industries

Project: Nil

Our Ref. No. CL/CED/ 998

Dated: 25/01/2023

Test Specification

Your Ref. No. S&S/UET-170123-02

Dated: 17/01/2023

(---)

COMPRESSION TEST REPORT



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

Specimens received on: 24/01/2023 Tested on: 25/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*				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
		DD	MM	YYYY									
1	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2450	30.42	20	1473	---	---	
2	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2605	30.42	25	1841	---	---	
3	Rectangular, Red, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2535	30.42	19	1399	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

4638
 Dr. Mazhar

To: Mr. Muhammad Waris Jan
 Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: P-627 (Pioneer Cement) De Sulphurization.

Our Ref. No. CL/CED/ 999

Dated: 25/01/2023

Test Specification

Your Ref. No. Nil

Dated: 24/01/2023

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24/1/2023 Tested on: 25/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	Hooper Wall 11 (4000 Psi)	16	12	2022	6x6x6	---	8.4	36	63	3920	---	Non Engraved
2	Hooper Wall 11 (4000 Psi)	16	12	2022	6x6x6	---	8.4	36	132	8213	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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4638
 Dr. Mazhar

To: Mr. Muhammad Waris Jan
 Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: P-627 (Pioneer Cement) De Sulphurization.

Our Ref. No. CL/CED/ 1000

Dated: 25/01/2023

Test Specification

Your Ref. No. Nil

Dated: 24/01/2023

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24/1/2023 **Tested on:** 25/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Hooper Wall 12 (4000 Psi)	19	12	2022	6x6x6	---	8.4	36	69	4293	---	Non Engraved
2	Hooper Wall 12 (4000 Psi)	19	12	2022	6x6x6	---	8.2	36	94	5849	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Director/Dy. Director Concrete Laboratory



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 Dr. Mazhar

To: Mr. Muhammad Waris Jan
 Asst, Manager (QA/QC), Engineering Kinetics (Pvt.) Ltd.

Project: P-627 (Pioneer Cement) De Sulphurization.

Our Ref. No. CL/CED/ 1001

Dated: 25/01/2023

Test Specification

Your Ref. No. Nil

Dated: 24/01/2023

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **24/1/2023** Tested on: **25/01/2023** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Hooper Slab 1 (4000 Psi)	24	12	2022	6x6x6	---	8.2	36	112	6969	---	Non Engraved
2	Hooper Slab 1 (4000 Psi)	24	12	2022	6x6x6	---	8.4	36	75	4667	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

4644
 Dr. Mazhar

To: (Asstt: Executive Engineer-IV)
 Central Civil Division-1, Pak. PWD; Lahore.

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National School of Public Policy, Lahore, (Sub Head Construction of New Office Block)

Our Ref. No. CL/CED/ 1002

Dated: 25/01/2023

Test Specification

Your Ref. No. AEE-IV/CCD-I/LHR/100

Dated: 25/07/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24/1/2023 Tested on: 25/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Foundation (1:2:4)	20	6	2022	6x6x6	---	8.4	36	57	3547	---	Non Engraved
2	Foundation (1:2:4)	20	6	2022	6x6x6	---	8.6	36	63	3920	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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4644
 Dr. Mazhar

To: (Asstt: Executive Engineer-IV)
 Central Civil Division-1, Pak. PWD; Lahore.

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National School of Public Policy, Lahore, (Sub Head Construction of New Office Block)

Our Ref. No. CL/CED/ 1003

Dated: 25/01/2023

Test Specification

Your Ref. No. AEE-IV/CCD-I/LHR/101-A

Dated: 10/08/2022

(BS 1881-116)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 24/1/2023 **Tested on:** 25/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Plinth Beams (1:2:4)	28	6	2022	6x6x6	---	8.4	36	59	3671	---	Non Engraved
2	Plinth Beams (1:2:4)	28	6	2022	6x6x6	---	8.4	36	69	4293	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Director/Dy. Director Concrete Laboratory



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4641
 Dr. Mazhar

To: Mr. Muhammad Tahir Nazeer
 Deputy Manager Civil, NISHAT DENIM. (Contractor: Najmi Nadeem Construction Pvt. Ltd.)

Project: Construction of Nishat Mills Ltd (Denim Division)

Our Ref. No. CL/CED/ 1004

Dated: 25/1/2023

Test Specification

Your Ref. No. NDM/C-TEST/020

Dated: 20/1/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: **24/1/2023** Tested on: **25/1/2023** in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	UGWT A~D/12~24 (C-30)	25	12	2022	6x6x6	---	8.8	36	90	5600	---	Non Engraved
2	UGWT A~D/12~24 (C-30)	25	12	2022	6x6x6	---	8.6	36	100	6222	---	Non Engraved
3	UGWT A~D/12~24 (C-30)	25	12	2022	6x6x6	---	8.8	36	96	5973	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

4641
 Dr. Mazhar

To: Mr. Muhammad Tahir Nazeer
 Deputy Manager Civil, NISHAT DENIM. (Contractor: Najmi Nadeem Construction Pvt. Ltd.)

Project: Construction of Nishat Mills Ltd (Denim Division)

Our Ref. No. CL/CED/ 1005

Dated: 25/1/2023

Test Specification

Your Ref. No. NDM/C-TEST/021

Dated: 20/1/2023

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 24/1/2023 Tested on: 25/1/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	UGWT A~D/6~12 (C-30)	14	1	2023	6x6x6	---	8.8	36	90	5600	---	Engraved
2	UGWT A~D/6~12 (C-30)	14	1	2023	6x6x6	---	8.6	36	98	6098	---	Engraved
3	UGWT A~D/6~12 (C-30)	14	1	2023	6x6x6	---	8.8	36	94	5849	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
 A carbon copy for the report has been retained in the lab for record.

4636
 Dr. Mazhar

To: Sub Divisional Officer
 Building Sub Division, Hafizabad

Project: For the Work "Upgradation of D.H.Q. Hospital Hafizabad (Group No. 2) Construction of Main Hospital Block No. 2

Our Ref. No. CL/CED/ 1006

Dated: 25/1/2023

Test Specification

Your Ref. No. 1896/HZ

Dated: 30/11/2022

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 24/1/2023 Tested on: 25/1/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	RCC Raft (1:2:4)	3	11	2022	6x6x6	---	8.6	36	146	9084	---	Not Engraved
2	RCC Raft (1:2:4)	3	11	2022	6x6x6	---	8.8	36	116	7218	---	Not Engraved
3	RCC Raft (1:2:4)	3	11	2022	6x6x6	---	8.4	36	69	4293	---	Not Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

4632
 Dr. Mazhar

To: Mr. Ejaz Ali Bukhari
 Resident Engineer (AZE) Mianwali & Bhakkar

Project: Dualization of Road from Account Office Chowk to Railway Line I/C Link to Rabi Plaza Chowk in Mianwali City (Total Length 1.53KMS)

Our Ref. No. CL/CED/ 1007

Dated: 25/01/2023

Test Specification

Your Ref. No. AZEA/MWL/City/LAB/027

Dated: 20/12/2022

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COMPRESSION TEST REPORT



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

Specimens received on: 23/1/2023 Tested on: 25/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*			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
		DD	MM	YYYY								
1	Rectangular Grey Paver 60 mm	---	---	---	7.8 x 3.9 x 2.4	---	3080	30.42	120	8836	---	---
2	Rectangular Grey Paver 60 mm	---	---	---	7.8 x 3.9 x 3.4	---	3045	30.42	118	8689	---	---
3	Rectangular Grey Paver 60 mm	---	---	---	7.8 x 3.9 x 3.4	---	2935	30.42	118	8689	---	---
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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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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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.

4578
 Dr. Mazhar

To: Mr. Muhammad Shahbaz
 Imperium Hospitality (Pvt.) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1008

Dated: 25/01/2023

Test Specification

Your Ref. No. IHPL/Con/963

Dated: 09/01/2023

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COMPRESSION TEST REPORT



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

Specimens received on: 13/1/2023 Tested on: 25/01/2023 in dry/wet condition

Sr. No.	Mark*	Casting Date*				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
		DD	MM	YYYY									
1	Hollow Block	---	---	---	15.4 x 7.9 x 7.5	---	19.2	97.36	61	1403	---	---	
2	Hollow Block	---	---	---	15.3 x 7.9 x 7.5	---	18.4	96.57	59	1369	---	---	
3	Hollow Block	---	---	---	15.3 x 7.9 x 7.5	---	17.6	96.57	43	997	---	---	
4	---	---	---	---	---	---	---	---	---	---	---	---	
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory