

#### To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore (12th Floor Columns & P.C H~N'/1~4')

Our Ref. No. CL/0	CED/ 7402	Dated:	17/02/2025
Your Ref. No.	HMBDPL/S.O/02/25/173 (LHR)	Dated:	17/02/2025

#### **COMPRESSION TEST REPORT**

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

ens received on:	17	7/02/2	2025	Tested on:	17/02	2/2025	in dry/wet	condition			
Mark*	Cas DD			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)			Stress	Water Absorpti on (%)	Remarks
CT-183 (5000 Psi)	17	1	2025	6Diax12		14	28.28	83	6574		Non Engraved
CT-183 (5000 Psi)	17	1	2025	6Diax12		14.6	28.28	87	6891		Non Engraved
CT-183 (5000 Psi)	17	1	2025	6Diax12		14	28.28	70	5545		Non Engraved
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	Mark* CT-183 (5000 Psi) CT-183 (5000 Psi)	Mark*         Case           DD           CT-183 (5000 Psi)         17           CT-19            CT-19	Mark*         Casting           DD         MM           CT-183 (5000 Psi)         17         1           CT-19         1         1           CT-19 <td>Mark*         Casting Date*           DD         MM YYYY           CT-183 (5000 Psi)         17         1         2025           CT-19         1         1         1         1           CT-19         1         1</td> <td>Mark*         Casting Date*         Size           DD         MM         YYYY         (in)           CT-183 (5000 Psi)         17         1         2025         6Diax12           CT-183 (5000 Psi)         17         1         1         1         1</td> <td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           CT-183 (5000 Psi)         17         1         2025         6Diax12            CT-183 (5000 Psi)         17         1         2025         1            CT-183 (5000 Psi)</td> <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight         Dry Weight           DD         MW YYY         (in)         (Kg/gms)         (Kg/gms)           CT-183 (5000 Psi)         17         1         2025         6Diax12          14           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6           CT-183 (5000 Psi)         17         1         2025         6Diax12          14               14          14.6               14          14                                   <t< td=""><td>Mark*         <math>C_{3}</math> <math>U_{V}</math> <th< td=""><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of (SSection load)         Ultimate load           CT-183 (5000 Psi)         17         1         2025         6Diax12          14         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         70                              <td< td=""><td>Mark*         <math>Castrrstrstrstrstrstrstrstrstrstrstrstrstr</math></td><td>Mark*         <math>\Box_{11} = 1 + 1 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +</math></td></td<></td></th<></td></t<></td>	Mark*         Casting Date*           DD         MM YYYY           CT-183 (5000 Psi)         17         1         2025           CT-19         1         1         1         1           CT-19         1         1	Mark*         Casting Date*         Size           DD         MM         YYYY         (in)           CT-183 (5000 Psi)         17         1         2025         6Diax12           CT-183 (5000 Psi)         17         1         1         1         1	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           CT-183 (5000 Psi)         17         1         2025         6Diax12            CT-183 (5000 Psi)         17         1         2025         1            CT-183 (5000 Psi)	Mark* $Casting Date*$ Size         Wet Weight         Dry Weight           DD         MW YYY         (in)         (Kg/gms)         (Kg/gms)           CT-183 (5000 Psi)         17         1         2025         6Diax12          14           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6           CT-183 (5000 Psi)         17         1         2025         6Diax12          14               14          14.6               14          14 <t< td=""><td>Mark*         <math>C_{3}</math> <math>U_{V}</math> <th< td=""><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of (SSection load)         Ultimate load           CT-183 (5000 Psi)         17         1         2025         6Diax12          14         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         70                              <td< td=""><td>Mark*         <math>Castrrstrstrstrstrstrstrstrstrstrstrstrstr</math></td><td>Mark*         <math>\Box_{11} = 1 + 1 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +</math></td></td<></td></th<></td></t<>	Mark* $C_{3}$ $U_{V}$ <th< td=""><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of (SSection load)         Ultimate load           CT-183 (5000 Psi)         17         1         2025         6Diax12          14         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         70                              <td< td=""><td>Mark*         <math>Castrrstrstrstrstrstrstrstrstrstrstrstrstr</math></td><td>Mark*         <math>\Box_{11} = 1 + 1 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +</math></td></td<></td></th<>	Mark* $Casting Date*$ Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of (SSection load)         Ultimate load           CT-183 (5000 Psi)         17         1         2025         6Diax12          14         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         83           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         87           CT-183 (5000 Psi)         17         1         2025         6Diax12          14.6         28.28         70 <td< td=""><td>Mark*         <math>Castrrstrstrstrstrstrstrstrstrstrstrstrstr</math></td><td>Mark*         <math>\Box_{11} = 1 + 1 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +</math></td></td<>	Mark* $Castrrstrstrstrstrstrstrstrstrstrstrstrstr$	Mark* $\Box_{11} = 1 + 1 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +$

#### Vitnessed by: Mr. Ali Raza CNIC # 35503-0183769-5

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 comprensive 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.

#### Director/Dy. Director Concrete Laboratory

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the report has

8927 Dr. M. Yousaf

Test Specification (ASTM C39)



To: Amna Iftikhar 100-B-III, Gulberg III, Lahore.

Project: Nil		
Our Ref. No. CL/CED/ 7403	Dated: 17/02/2025	Test Specification
Your Ref. No. CT/GF/02	Dated: 13/02/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	14	/02/2	2025	Tested on:	17/02	2/2025	in dry/wet	condition			iesterij
Sr. No.	Mark*	Cas DD	-	Date* 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 Absorpti on (%)	Remarks
1	B1	28	1	2025	6Diax12		14	28.28	26	2059		Non Engraved
2	B2	28	1	2025	6Diax12		14	28.28	25	1980		Non Engraved
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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 comprensive 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.



To: Amna Iftikhar 100-B-III, Gulberg III, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 7404	Dated:	17/02/2025	Test Specification
Your Ref. No. CT/GF/03	Dated:	13/02/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	14	1/02/2	2025	Tested on:	17/02	2/2025	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	C3	29	1	2025	6Diax12		13.8	28.28	50	3960		Non Engraved
2	C4	29	1	2025	6Diax12		14	28.28	34	2693		Non Engraved
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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 comprensive 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.



To: **Noor Fatima** 100-B-III, Gulberg III, Lahore.

Project: Nil		
Our Ref. No. CL/CED/ 7405	Dated: 17/0	2/2025 <u>Test Specification</u>
Your Ref. No. CT/GF/04	Dated: 13/0	2/2025 (ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	14	/02/2	2025	Tested on:	17/02	2/2025	in dry/wet	condition			iester:
Sr. No.	Mark*		-	Date* 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 Absorpti on (%)	Remarks
1	F1	29	1	2025	6Diax12		14	28.28	33	2614		Non Engraved
2	F2	29	1	2025	6Diax12		14	28.28	30	2376		Non Engraved
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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 comprensive 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.



To: **Noor Fatima** 100-B-III, Gulberg III, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 7406	Dated:	17/02/2025	Test Specification
Your Ref. No. CT/GF/05	Dated:	13/02/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	14	/02/2	2025	Tested on:	17/02	2/2025	in dry/wet condition				
Sr. No.	Mark*	Cas DD	-	Date* 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 Absorpti on (%)	Remarks
1	C5	30	1	2025	6Diax12		13.8	28.28	68	5386		Non Engraved
2	C6	30	1	2025	6Diax12		14	28.28	35	2772		Non Engraved
3	C7	30	1	2025	6Diax12		14	28.28	50	3960		Non Engraved
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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 comprensive 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)

	Plain and Reinforced Con Civil Engineering Depa University of Engineering and Technology Landline: 042-99029245 & 042-99029202	rtment	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
				8923 Dr. M. Yousaf
	Muhammad Asif il Engineer, Bhimra Textile Mills Pvt Ltd.			
Di	ject: Construction of the Bhimra Textile Mills Pvt. Ltd. 37 trict Sheikhupura. Ref. No. CL/CED/ 7407	Km-Sheikhupura Fais	salabad Road Manawa 17/02/2025	la Test Specification

Dated:

Nil

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# **COMPRESSION TEST REPORT**

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

Nil

Specim	ens received on:	17	/02/2	2025	Tested on:	17/02	2/2025	in dry/wet	t condition				
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks	
1	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3610	29.64	44	3325			
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3475	29.64	52	3930			
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3710	29.64	60	4534			
4	Rectangular, Red, 80mm				7.8 x 3.8 x 3		3555	29.64	49	3703			
5	Rectangular, Red, 80mm				7.8 x 3.8 x 3	RINE	3405	29.64	51	3854			
6	Rectangular, Red, 80mm				7.8 x 3.8 x 3		3690	29.64	64	4837			
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Your Ref. No.

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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



# 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.

8754 Dr. M. Yousaf

#### To: **CIVIL ENGINEER**

Punjab Small Industries Corporation, Directorate of Works & Development, Lahore.

Project: Construction of Handicraft Development Centre at Kamalia.

Our Ref. No. CL/CED/ 7408	Dated:	17/02/2025	Test Specification
Your Ref. No. PSIC/W&D/960	Dated:	06/11/2024	( BS 1881-116 )

# **COMPRESSION TEST REPORT**



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

Specime	ens received on:	27	/01/2	2025	Tested on:	17/02	2/2025	in dry/we	t condition			1283889		
Sr. No.	Mark*	Casting Date*		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
1	Slab	10	8	2024	6 x 6 x 6		9	36	61	3796		Engraved		
2	Slab	10	8	2024	6 x 6 x 6		9	36	58	3609		Engraved		
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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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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

8837 Dr. M. Yousaf

#### To: Manager Planning & Development NOON Developers & Marketing.

Project: Canal Heights 3-B, Block B, Noon Avenue, New Muslim Town, Lahore.

Our Ref. No. CL/CED/ 7409	Dated:	17/02/2025	Test Specification
Your Ref. No. CH/ST/05/25	Dated:	04/02/2025	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	eived on: 04/02/2025 Tested on: 17/02/2025 in dry/wet condition										
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column (4000 Psi)	5	1	2025	6Diax12		14	28.28	47	3723		Non Engraved
2	Column (4000 Psi)	5	1	2025	6Diax12		13.8	28.28	56	4436		Non Engraved
3	Column (4000 Psi)	5	1	2025	6Diax12		14	28.28	49	3881		Non Engraved
4	Column (4000 Psi)	5	1	2025	6Diax12		14	28.28	54	4277		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



To: Mr. Muhammad Asif Site Incharge, Canal44 Luxury Apartments, New Garden Town, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 7410	Dated:	17/02/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	03	8/02/2	2025	Tested on:	17/02	2/2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* 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 Absorpti on (%)	Remarks
1		28	1	2025	6Diax12		13.4	28.28	48	3802		Engraved
2		28	1	2025	6Diax12		13.2	28.28	50	3960		Engraved
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Witness	Vitnessed 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 comprensive 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.



To: Mr. Muhammad Asif Site Incharge, Canal44 Luxury Apartments, New Garden Town, Lahore.

Project: Nil		
Our Ref. No. CL/CED/ 7411	Dated: 17/02/2025	Test Specification
Your Ref. No. Nil	Dated: Nil	(ASTM C39)

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1		21	1	2025	6Diax12		13	28.28	40	3168		Engraved
2		21	1	2025	6Diax12		13.2	28.28	40	3168		Engraved
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