

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



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/ 871	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	)/1/20	23	Tested on:	10-0	)1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Hopper Wall 3rd Layer (4000 Psi)	28	11	2022	6x6x6		8.6	36	90	5600		Non Engraved
2	Hopper Wall 3rd Laver (4000 Psi)	28	11	2022	6x6x6		8.6	36	141	8773		Non Engraved
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5						NHNE	RIN'S					
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16												
Witness	ed by: Nil											

#### 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 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.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

4534 Dr. Aqsa

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/ 872	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	/1/20	23	Tested on:	10-0	)1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Slab 2 (4000 Psi)	26	11	2022	6x6x6		8.8	36	128	7964		Non Engraved
2	Slab 2 (4000 Psi)	26	11	2022	6x6x6		8.6	36	113	7031		Non Engraved
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Witness	ed by: Nil											

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 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.



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University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



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/ 873	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	)/1/20	23	Tested on:	10-0	)1-23	in dry/we	condition			ONLINE REPORT
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	Hopper Wall 2nd Layer (4000 Psi)	22	11	2022	6x6x6		8.8	36	92	5724		Non Engraved
2	Hopper Wall 2nd Laver (4000 Psi)	22	11	2022	6x6x6		9	36	92	5724		Non Engraved
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Witness	ed by: Nil											

#### 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 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.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



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/ 874	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	)/1/20	23	Tested on:	10-0	)1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Slab 01 (4000 Psi)	24	12	2022	6x6x6		8.6	36	96	5973		Non Engraved
2	Slab 01 (4000 Psi)	24	12	2022	6x6x6		8.6	36	79	4916		Non Engraved
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Witness	ed by: Nil											

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 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.



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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/ 875	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	/1/20	23	Tested on:	10-0	)1-23	in dry/we	condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Wall 11 (4000 Psi)	16	12	2022	6x6x6		8.6	36	121	7529		Non Engraved
2	Wall 11 (4000 Psi)	16	12	2022	6x6x6		8.6	36	79	4916		Non Engraved
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Witness	ed by: Nil											

#### 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 comprensive strength

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



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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/ 876	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	/1/20	23	Tested on:	10-0	)1-23	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Wall 12 (4000 Psi)	19	12	2022	6x6x6		8.6	36	117	7280		Non Engraved
2	Wall 12 (4000 Psi)	19	12	2022	6x6x6		8.6	36	94	5849		Non Engraved
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Witness	ed by: Nil											

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 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.



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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/ 877	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	/1/20	23	Tested on:	10-0	)1-23	in dry/we	t condition			ONLINE REPORT
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	B. elevator W. 2nd layer(4000 Psi)	10	12	2022	6x6x6		8.6	36	107	6658		Non Engraved
2	B. elevator W. 2nd laver(4000 Psi)	10	12	2022	6x6x6		8.6	36	108	6720		Non Engraved
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Witness	ed by: Nil											

#### 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

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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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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



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/ 878	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	/1/20	23	Tested on:	10-0	)1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	F01 Raft (3000 Psi)	3	12	2022	6x6x6		8.6	36	120	7467		Non Engraved
2	F01 Raft (3000 Psi)	3	12	2022	6x6x6		8.8	36	100	6222		Non Engraved
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Witness	ed by: Nil											

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

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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)

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



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



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/ 879	Dated:	10-01-23	Test Specification
Your Ref. No. Nil	Dated:	07-01-23	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	9	)/1/20	)23	Tested on:	10-0	)1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	F01 Col (3000 Psi)	6	12	2022	6x6x6		8.6	36	90	5600		Non Engraved
2	F01 Col (3000 Psi)	6	12	2022	6x6x6		8.6	36	66	4107		Non Engraved
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5						NHNE	RING					
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Witness	sed by: Nil											

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 comprensive strength

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



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

4531 Dr. Aqsa

**Test Specification** 

(BS 1881-116)

To: Mr. Khalid Bashir Ittefaq Building Solutions (Pvt.) Ltd.

Project: Ahmad Latif, DHA-Phase 6, J-Block, Lahore

Our Ref. No. CL/CED/ 880

Your Ref. No. IBS/AL/CT-01A

## **COMPRESSION TEST REPORT**



Specim	ens received on:	9	/1/20	23	Tested on:	10-0	)1-23	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Basement RCC R.W (4000 Psi)	8	12	2022	6x6x6		8.2	36	64	3982		Non Engraved
2	Basement RCC R.W (4000 Psi)	8	12	2022	6x6x6		8.6	36	65	4044		Non Engraved
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5						HINE	RING					
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16												
Witness	sed by: Nil											

Dated:

Dated:

10-01-23

06-01-23

#### 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 compressive strength

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**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

4538 Dr. Umbreen

To: Prime Builders & Developers 44MM Alam Road, Block B1, Gulberg III, Lahore

Ducients D 45 Culleaver III Labore

Project: D-45 Guiberg III, Lanore			
Our Ref. No. CL/CED/ 881	Dated:	10-01-23	Test Specification
Your Ref. No. PB/09/001/2023	Dated:	09-01-23	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	0	9-01	-23	Tested on:	09-0	)1-23	in dry/wet				
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	TM-6-Tank (4500 Psi)	11	12	2022	6Diax12		14	28.28	63	4990		Non Engraved
2	TM-1-Tank (4500 Psi)	11	12	2022	6Diax12		14.2	28.28	61	4832		Non Engraved
3	TM-11-Companion (4500 Psi)	11	12	2022	6Diax12		13.8	28.28	63	4990		Non Engraved
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Witness	ed by: Mr. M. Uzaiı	r (CN	IC# 1	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.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

4543 Dr. Irfan Ul Hassan

To: Engr. Jawad Ahmad (Civil Engineer) Watersprint Ltd. Lahore

Project: Construction Site at House No. 814-Z Block, DHA Phase-III

Our Ref. No. CL/CED/ 882	Dated:	10-01-23	Test Specification
Your Ref. No. WSL-172/GL	Dated:	10-01-23	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Mark* 814-Z Slab (3000 Psi) 814-Z Slab (3000 Psi) 		-	Date* YYYY 2022 2022	Size (in) 6Diax12		Dry Weight (Kg/ gms)	Area of X-Section		Ultimate Stress	Absorpti	Remarks
(3000 Psi) 814-Z Slab (3000 Psi) 	30			6Diax12			(Sq. in)	(Imp.Tons)	(psi)	on (%)	
(3000 Psi) 		12	2022			13	28.28	20	1584		Non Engraved
			2022	6Diax12		13.2	28.28	25	1980		Non Engraved
	_										
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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) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)