

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.

> 4340 Dr. Yousaf

To: Mr. Muhammad Waris Jan

Our Ref. No. CL/CED/ 531

Asst, Manager (QA/QC), ENGINEERING KINETICS (Pvt) Ltd

Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

**Test Specification** Your Ref. No. 30/11/2022 Dated: ( ASTM C39 )

Dated:

02-12-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F04 Raft Fndn (3000 Psi)	5	9	2022	6Diax12		13.8	28.28	68	5386		Non Engraved
2	F04 Raft Fndn (3000 Psi)	5	9	2022	6Diax12		13.2	28.28	40	3168		Non Engraved
3												
4												
5					/	CTME	RIATE					
6						READ IN	200					
7						DHE NIME OF THY LIDRO WHO	387 <u></u>	量				
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10						-LA	IORE					
11												
12												
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14												
15										-		
16												

Witnessed by:

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

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

- 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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To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), ENGINEERING KINETICS (Pvt) Ltd

Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

Our Ref. No. CL/CED/ 532

Dated: 02-12-22 **Test Specification** Your Ref. No. 30/11/2022 Dated: ( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F02 Raft Fndn (3000 Psi)	3	9	2022	6Diax12		14	28.28	78	6178		Non Engraved
2	F02 Raft Fndn (3000 Psi)	3	9	2022	6Diax12		14	28.28	61	4832		Non Engraved
3												
4												
5					/	CTME	RIATE					
6						READ IN	200	<b>X</b>				
7						DHE NIME OF THY LIDRO WHO	387 <u></u>	量-				
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9										-		
10						-LA	IORE.			-		
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Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

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 Our Ref. No. CL/CED/
 533
 Dated:
 02-12-22
 Test Specification

 Your Ref. No.
 Nil
 Dated:
 30/11/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Hopper Wall Second Laver	22	11	2022	6x6x6		8.2	36	75	4667		Non Engraved
2	Hopper Wall Second Laver	22	11	2022	6x6x6		8.2	36	95	5911		Non Engraved
3												
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10						-LA	IORE.					
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To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), ENGINEERING KINETICS (Pvt) Ltd

Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

Our Ref. No. CL/CED/ 534 Dated: 02-12-22 **Test Specification** Your Ref. No. 30/11/2022 Dated: (BS 1881-116)

### COMPRESSION TEST REPORT

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

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Hopper Wall First Laver	2	11	2022	6x6x6		8.6	36	108	6720		Non Engraved
2	Hopper Wall First Laver	2	11	2022	6x6x6		8.6	36	65	4044		Non Engraved
3												
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5					/	GINE	RINE					
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11										-		
12										-		
13												
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Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

 Our Ref. No. CL/CED/
 535
 Dated:
 02-12-22
 Test Specification

 Your Ref. No.
 Nil
 Dated:
 30/11/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Bucket Elevator Wall	30	10	2022	6x6x6		8.4	36	84	5227		Non Engraved
2	Bucket Elevator Wall	30	10	2022	6x6x6		8.4	36	78	4853		Non Engraved
3												
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5					/	GINE	RINE					
6						READIN	200					
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Our Ref. No. CL/CED/ 536

**Test Specification** Your Ref. No. 30/11/2022 Dated: (BS 1881-116)

Dated:

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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Hopper Slab 03	22	10	2022	6x6x6		8.8	36	60	3733		Non Engraved
2	Hopper Slab 03	22	10	2022	6x6x6		8.4	36	89	5538		Non Engraved
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Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
F04 Wall (4000 Psi)	25	10	2022	6x6x6		8.6	36	64	3982		Non Engraved
F04 Wall (4000 Psi)	25	10	2022	6x6x6		8.4	36	80	4978		Non Engraved
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					READIN	200	<b>X</b>				
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	F04 Wall (4000 Psi) F04 Wall (4000 Psi)	Mark* DD F04 Wall (4000 Psi) 25 F04 Wall (4000 Psi) 25	Mark* DD MM F04 Wall (4000 Psi) 25 10	DD     MM YYYY       F04 Wall (4000 Psi)     25     10     2022       F04 Wall (4000 Psi)     25     10     2022  <	Mark* DD MM YYYY (in)  F04 Wall (4000 Psi) 25 10 2022 6x6x6  F04 Wall (4000 Psi) 25 10 2022 6x6x6	Mark*   Casting Date*   Size   Weight	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)   F04   Wall (4000   Psi)   25   10   2022   6x6x6     8.6   F04   Wall (4000   Psi)   25   10   2022   6x6x6	Mark*	Mark*   Date   Size   Weight   Weight   Weight   Weight   Weight   Weight   Meight   Meight	Mark*	Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in) (Imp.Tons)         Absorption (%)           F04 Wall (4000 Psi)         25         10         2022         6x6x6          8.6         36         64         3982            F04 Wall (4000 Psi)         25         10         2022         6x6x6          8.4         36         80         4978

Witnessed by:

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To: Mr. Muhammad Waris Jan

Our Ref. No. CL/CED/ 538

Asst, Manager (QA/QC), ENGINEERING KINETICS (Pvt) Ltd

Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

**Test Specification** Your Ref. No. 30/11/2022 Dated: (BS 1881-116)

Dated:

02-12-22

#### COMPRESSION TEST REPORT

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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Hopper Column (4000 Psi)	22	10	2022	6x6x6		8.8	36	101	6284		Non Engraved
2	Hopper Column (4000 Psi)	22	10	2022	6x6x6		8.8	36	68	4231		Non Engraved
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**Test Specification** Your Ref. No. 30/11/2022 Dated: (BS 1881-116)

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Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
F03 Column (4000 Psi)	2	11	2022	6x6x6		8.4	36	65	4044		Non Engraved
F03 Column (4000 Psi)	2	11	2022	6x6x6		8.8	36	107	6658		Non Engraved
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	F03 Column (4000 Psi) F03 Column (4000 Psi)	Mark* DD F03 Column (4000 psi) F03 Column (4000 psi)	Mark*  DD MM  F03 Column (4000 psi)  F03 Column (4000 2 11  Psi)	F03 Column (4000 Psi) F03 Column (4000 Psi) F03 Column (4000 Psi)	Mark*  DD MM YYYY (in)  F03 Column (4000 Psi)  F03 Column (4000 2 11 2022 6x6x6	Mark*  DD MM YYYY  (in) (Kg/gms)  F03 Column (4000 Psi)  F03 Column (4000 Psi)	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms)  F03 Column (4000 2 11 2022 6x6x6 8.4  F03 Column (4000 2 11 2022 6x6x6 8.8	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)  F03 Column (4000 Psi)  Column (4000 Psi)  DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)  Column (4000 Psi)  Colum	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) F03 Column (4000 Psi) F03 Column (4000 2 11 2022 6x6x6 8.8 36 107 Psi)	Mark*   DD   MM   YYYY   (in)   (Kg/gms)   (Kg/gms)   (Sq. in)   (Imp.Tons)   (psi)	Mark*         Obstitute of DD MM YYYY         (in) (Kg/gms) (Kg/gms) (Kg/gms) (Kg/gms)         X-Section (Inp.Tons) (psi) (psi) on (%) on (%)         Absorpti on (%)           F03 Column (4000 Psi)         2 11 2022 6x6x6         8.4         36 65 4044

Witnessed by:

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Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

Our Ref. No. CL/CED/ 540 Dated: 02-12-22 **Test Specification** Your Ref. No. 30/11/2022 Dated: (BS 1881-116)

#### COMPRESSION TEST REPORT

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

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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F03 Fndn (3000 Psi)	26	10	2022	6x6x6		8.4	36	70	4356		Non Engraved
2	F03 Fndn (3000 Psi)	26	10	2022	6x6x6		8.8	36	80	4978		Non Engraved
3												
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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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.

4340 Dr. Yousaf

**Test Specification** 

To: Mr. Muhammad Waris Jan

Asst, Manager (QA/QC), ENGINEERING KINETICS (Pvt) Ltd

Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

Our Ref. No. CL/CED/ 541 Dated: 02-12-22

Your Ref. No. Nil Dated: 30/11/2022 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Bucket Elevator Raft Foundation	15	10	2022	6x6x6		8.6	36	71	4418		Non Engraved
2	Bucket Elevator Raft Foundation	15	10	2022	6x6x6		8.6	36	73	4542		Non Engraved
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Witnessed by:

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

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> 4340 Dr. Yousaf

To: Mr. Muhammad Waris Jan

Our Ref. No. CL/CED/ 542

Asst, Manager (QA/QC), ENGINEERING KINETICS (Pvt) Ltd

Project: CFB De Sulphurization System at Line-3 (Pioneer Cement)

**Test Specification** Your Ref. No. 30/11/2022 Dated: (BS 1881-116)

Dated:

02-12-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		on (%)	
1	Hopper Raft Foundation	11	10	2022	6x6x6		8.8	36	55	3422		Non Engraved
2	Hopper Raft Foundation	11	10	2022	6x6x6		8.6	36	51	3173		Non Engraved
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**ORIGINAL** 

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4345 Dr.Rizwan Riaz

To: Mr. Arfan Nazir

Manager Civil, NISHAT MILLS LIMITED

Project: Construction of Nishat Sititching Bath Division U-95. (Contractor: Ittefaq Building Solution)

 Our Ref. No. CL/CED/
 543
 Dated:
 02-12-22
 Test Specification

 Your Ref. No.
 NDF/CT/005
 Dated:
 30/11/2022
 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 02/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	C-30 (GF Slab 11'~14 /A~C)	25	11	2022	6x6x6		8	36	85	5289		Non Engraved
2	C-30 (GF Slab 11'~14 /A~C)	25	11	2022	6x6x6		8.2	36	88	5476		Non Engraved
3	C-30 (GF Slab 11'~14 /A~C)	25	11	2022	6x6x6		8	36	71	4418		Non Engraved
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Witnessed by:

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ORIGINAL

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> 4343 Dr. Yousaf

To: Engr. Pervaiz

Your Ref. No.

Resident Engineer, New Vision Engineering Consultant, Lahore

Project: Construction of RCC OVER HEAD WATER TANK AT M-BLOCK QUAID-E-AZAM INDUSTRIAL

**ESTATE KOT LAKHPAT Lahore.** 

Our Ref. No. CL/CED/ 544

NVEC/RE/GSWR/05

Dated: 02-12-22

**Test Specification** 

Dated: 01-12-22 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 02/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
On NO.	murk	DD	ММ	YYYY	(in)		(Kg/ gms)		(Imp.Tons)		on (%)	Remarks
1	3000 Psi	26	10	2022	6Diax12		13.8	28.28	44	3485		Non Engraved
2	3000 Psi	26	10	2022	6Diax12		14	28.28	63	4990		Non Engraved
3	3000 Psi	26	10	2022	6Diax12		13.6	28.28	58	4594		Non Engraved
4	3000 Psi	26	10	2022	6Diax12		13.6	28.28	64	5069		Non Engraved
5	3000 Psi	26	10	2022	6Diax12	GRE	13.4	28.28	45	3564		Non Engraved
6	3000 Psi	26	10	2022	6Diax12	READW	13.2	28.28	43	3406		Non Engraved
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Witnessed by:

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

ORIGINAL

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> 4343 Dr. Yousaf

**Test Specification** 

To: Engr. Pervaiz

Resident Engineer, New Vision Engineering Consultant, Lahore

Project: Construction of RCC OVER HEAD WATER TANK AT M-BLOCK QUAID-E-AZAM INDUSTRIAL

**ESTATE KOT LAKHPAT Lahore** 

Our Ref. No. CL/CED/ 545 Dated: 02-12-22

Your Ref. No. NVEC/RE/GSWR/06 Dated: 01-12-22 (ASTM C39)

#### COMPRESSION TEST REPORT

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

Specimens received on: 02/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
On NO.	Mark	DD	ММ	YYYY	(in)	_	(Kg/ gms)		(Imp.Tons)		on (%)	Remarks
1	4000 Psi	2	11	2022	6Diax12		13.4	28.28	53	4198		Non Engraved
2	4000 Psi	2	11	2022	6Diax12		13.4	28.28	47	3723		Non Engraved
3	4000 Psi	2	11	2022	6Diax12		13	28.28	66	5228		Non Engraved
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Witnessed by:

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**ORIGINAL** 

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

> 4339 Dr. Yousaf

To: Mr. Muhammad Zubair Ahmed

A/XEN (B&R) for GE (Navy) Lahore.

Project: CA No. ENC-N-72/2021- CONST OF CHILDREN SCHOOL (G+1 WITH G+3 FOUNDATION ) AT

WALTON LAHORE.

Your Ref. No.

Our Ref. No. CL/CED/ 546

Dated: 02-12-22

Test Specification
( ASTM C39 )

Dated: 29/11/2022

#### COMPRESSION TEST REPORT

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

6023/988/90/E-6

Specimens received on: 01/12/2022 Tested on: 02-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		on (%)	
1	GF Columns	22	10	2022	6Diax12		14	28.28	78	6178		Non Engraved
2	GF Columns	22	10	2022	6Diax12		13.8	28.28	65	5149		Non Engraved
3	GF Columns	22	10	2022	6Diax12		14	28.28	78	6178		Non Engraved
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Witnessed by:

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ORIGINAL

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

> 4279 Engr. Ubaid

To: Best Builders, Engineer & Constructor 324-Q, Model Town Ext. Lahore.

Project: Construction of High School Korian Cantt. Area, Lahore.

 Our Ref. No. CL/CED/
 547
 Dated:
 02-12-22
 Test Specification

 Your Ref. No.
 Nil
 Dated:
 18-11-22
 (BS 3921\*\*)

#### COMPRESSION TEST REPORT

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

Specimens received on: 18/11/2022 Tested on: 01-12-22 in dry/wet condition



Sr. No.		Cas	tina	Date*	Size	Wet	Dry	Area of	Ultimate	Ultimate	Water	
	Mark*	Casting Date*			Oize	Weight	Weight	X-Section	Section load	Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	SH				8.7 x 4.3 x 2.9	3530	3190	37.41	45	2694	10.66	
2	SH				8.7 x 4.3 x 2.9	3720	3375	37.41	48	2874	10.22	
3	SH				8.6 x 4.3 x 2.9	3445	3095	36.98	37	2241	11.31	
4	SH				8.8 x 4.2 x 2.9	3540	3140	36.96	37	2242	12.74	
5	SH				8.6 x 4.3 x 3	3505	3135	36.98	45	2726	11.8	
6	SH				8.7 x 4.3 x 2.9	3635	3285	37.41	41	2455	10.65	
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#### Witnessed by

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**ORIGINAL** 

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

> 4282 Engr. Ubaid

> > ( ---- )

To: Deputy Director Engg., LDA.

**Lahore Development Authority UD.Wing** 

Project: Construction of Walk n Shop Park at M. A. Johar Town Lahore.

Our Ref. No. CL/CED/ 548 Dated: 02-12-22 <u>Test Specification</u>

Your Ref. No. DDE/LDA/50 Dated: 18-11-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 18/11/2022 Tested on: 01-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	vvalei	Remarks
31. 140.	IVIAIK				<i>a</i> ,						on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1 (70)	
1	R1				8.6 x 4.3 x 2.9		3120	36.98	45	2726		Used Brick
2	R1				8.7 x 4.2 x 3		3190	36.54	43	2636		Used Brick
3	R1				8.6 x 4.3 x 3		3135	36.98	41	2484		Used Brick
4	А9				8.6 x 4.1 x 2.9		3250	35.26	41	2605		Used Brick
5	А9				8.8 x 4.4 x 2.9	GINE	3235	38.72	34	1967		Used Brick
6	А9				8.7 x 4.2 x 2.8	READW	3005	36.54	41	2513		Used Brick
7	IC				8.8 x 4.2 x 3	DETHY LIDRO WHO	3135	36.96	37	2242		Used Brick
8	IC				8.8 x 4.1 x 2.9		2995	36.08	41	2545		Used Brick
9	IC				8.8 x 4.2 x 2.9	<b>%</b>	3000	36.96	35	2121		Used Brick
10	DG				8.8 x 4.3 x 3	LA	3310	37.84	60	3552		Used Brick
11	DG				8.7 x 4.3 x 2.9		3305	37.41	35	2096		Used Brick
12	DG				8.9 x 4.3 x 3		3400	38.27	37	2166		Used Brick
13												
14												
15												
16												

Witnessed by:

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