

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.

6270 Dr. Ubaid

To: Assistant Engineer (Civil)

Building and Works Department, University of Engineering and Technology Lahore.

Project: Construction of Upper Floor of Existing Building of the Department of Computer Science, Main

Campus UET Lahore.

Our Ref. No. CL/CED/ 3562 Dated: 23-11-23

Your Ref. No. B&W/ECSCE/19 Dated: 20-11-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 21-11-23 Tested on: 23-11-23 in dry/wet condition



**Test Specification** 

Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	(1:1.5:3)	17	10	2023	6Diax12		14	28.28	63	4990		Non Engraved
2	(1:1.5:3)	17	10	2023	6Diax12		15	28.28	66	5228		Non Engraved
3	(1:1.5:3)	17	10	2023	6Diax12		14.6	28.28	69	5465		Non Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15											-	
16												
Witness	and hw			1		l .		l	1	Į.		

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



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.

6278 Dr. Ubaid

To: Mr. Zia Mohy Uddin

Civil Engineer, Naubahar Bottling Company (Pvt.) Ltd. Gujranwala.

**Project: Construction of Narowal New Warehouse.** 

Our Ref. No. CL/CED/ 3563 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: 22-11-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22-11-23 Tested on: 23-11-23 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	Roof Slab (3000 Psi)	12	10	2023	6Diax12		13.6	28.28	56	4436		Non Engraved
2	Roof Slab (3000 Psi)	12	10	2023	6Diax12		14	28.28	48	3802		Non Engraved
3	Warehouse Flooring(3750 Psi)	1	11	2023	6Diax12		14.4	28.28	48	3802	1	Non Engraved
4	Warehouse Flooring(3750 Psi)	1	11	2023	6Diax12		14.2	28.28	51	4040		Non Engraved
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15		-										
16												

#### Witnessed by:

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

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



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.

> 6269 Dr. Ubaid

To: Sub Divisional Officer

Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas.

Our Ref. No. CL/CED/ 3564 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. 379/1-A Dated: 07-11-23

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 21-11-23 Tested on: 23-11-23 in dry/wet condition



(BS 1881-116)



Valls in Pannel # 22-26 (1:1.5:3) Valls in Pannel # 28-19 (1:1.5:3) Valls in Pannel # 17 (1:1.5:3) V. in Pan. # 30 & Bed #21 (1:1.5:3) V. in Pan. # 21 &	DD 4 5 6 7	10 10 10	YYYY 2023 2023	(in) 6x6x6		(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
22-26 (1:1.5:3)  Walls in Pannel # 28-19 (1:1.5:3)  Walls in Pannel # 17 (1:1.5:3)  W. in Pan. # 30 & Bed #21 (1:1.5:3)	5	10										
28-19 (1:1.5:3) Walls in Pannel # 17 (1:1.5:3) W. in Pan. # 30 & Bed #21 (1:1.5:3)	6		2023				8.6	36	82	5102		Non Engraved
Walls in Pannel # 17 (1:1.5:3) W. in Pan. # 30 & Bed #21 (1:1.5:3)		10		6x6x6			8.4	36	79	4916		Non Engraved
W. in Pan. # 30 & Bed #21 (1:1.5:3)	7		2023	6x6x6			8.6	36	82	5102		Non Engraved
	•	10	2023	6x6x6			8.4	36	83	5164		Non Engraved
Bed #23 (1:1.5:3)	8	10	2023	6x6x6	4	THILE	8.4	36	80	4978		Non Engraved
W. in Pan. # 25 & Bed #27 (1:1.5:3)	9	10	2023	6x6x6	2	KEAU N	8.4	36	93	5787		Non Engraved
W. in Pan. # 32 & Bed #29 (1:1.5:3)	10	10	2023	6x6x6	<u>'</u>	OF THY HORD WHO OREATES	ي <b>8.6</b> ملق ا	36	93	5787		Non Engraved
	-				1 E							
					F			°/				
						-LA	IORE.					
	-	1								-		
	-	1								-		
BABAB	ed #23 (1:1.5:3) /. in Pan. # 25 & ed #27 (1:1.5:3) /. in Pan. # 32 & ed #29 (1:1.5:3)	ed #23 (1:1.5:3) 7. in Pan. # 25 & ed #27 (1:1.5:3) 9. in Pan. # 32 & ed #29 (1:1.5:3)	ed #23 (1:1.5:3) 8 10 /. in Pan. # 25 & ed #27 (1:1.5:3) 9 10 /. in Pan. # 32 & ed #29 (1:1.5:3) 10 10	ed #23 (1:1.5:3) 8 10 2023 /. in Pan. # 25 & ed #27 (1:1.5:3) 9 10 2023 /. in Pan. # 32 & ed #29 (1:1.5:3) 10 10 2023	ed #23 (1:1.5:3)	ed #23 (1:1.5:3)  //. in Pan. # 25 & ed #27 (1:1.5:3)  //. in Pan. # 32 & ed #29 (1:1.5:3)	ed #23 (1:1.5:3) 8 10 2023 6x6x6 7. in Pan. # 25 & ed #27 (1:1.5:3) 9 10 2023 6x6x6  f. in Pan. # 32 & ed #29 (1:1.5:3) 10 10 2023 6x6x6	ed #23 (1:1.5:3)  // in Pan. # 25 & ed #27 (1:1.5:3)  // in Pan. # 32 & ed #29 (1:1.5:3)	ed #23 (1:1.5:3) 8 10 2023 6x6x6 8.4 36 7. in Pan. # 25 & ed #27 (1:1.5:3) 9 10 2023 6x6x6 8.4 36 7. in Pan. # 32 & ed #29 (1:1.5:3) 10 10 2023 6x6x6 8.6 36 8	ed #23 (1:1.5:3)	ed #23 (1:1.5:3)	ed #23 (1:1.5:3) 8 10 2023 6x6x6 8.4 36 80 4978 7.5 8.4 36 93 5787 7.5 8.4 36 9

witnessed by: Nii

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



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.

> 6269 Dr. Ubaid

To: **Sub Divisional Officer** 

Gujranwala Drainage Sub Division, Gujranwala

Project: Flood Protection of Kamoke and Adjoining Areas.

Our Ref. No. CL/CED/ 3565 Dated: 23-11-23 **Test Specification** 

Your Ref. No. 380/1-A Dated: 13-11-23 (BS 1881-116)

### COMPRESSION TEST REPORT

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

Specimens received on: 21-11-23 Tested on: 23-11-23 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	W. in Pan. # 34 & Bed #31 (1:1.5:3)	11	10	2023	6x6x6			8.6	36	69	4293		Non Engraved
2	W. in Pan. # 31 & Bed #33 (1:1.5:3)	12	10	2023	6x6x6			8.8	36	66	4107		Non Engraved
3	Walls in Pannel # 25-27 (1:1.5:3)	14	10	2023	6x6x6			8.6	36	95	5911		Non Engraved
4	Walls in Pannel # 33 (1:1.5:3)	15	10	2023	6x6x6			8.6	36	69	4293		Non Engraved
5	W. in Pan. # 36 & Bed #35 (1:1.5:3)	17	10	2023	6x6x6	4	THE	8.6	36	93	5787		Non Engraved
6	Walls in Pannel # 35 (1:1.5:3)	18	10	2023	6x6x6	2	READ IN	8.4	36	87	5413		Non Engraved
7						흐	OF THY HORD WHO CREATES	ر عِب الذي خلق ر					
8						5							
9						Y							
10							LA	IORE.					
11													
12													
13													
14													
15													
16													
Witness	ed 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. \*\*\*\* ACl318-08 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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

6256 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designning and Resident Type Supervision of the Scheme

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3566 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. G3/237/RE/30 Dated: 15-11-23 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 17-11-23 Tested on: 23-11-23 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	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Column of Commercial Bldg.	7	10	2023	6Diax12		16	28.28	47	3723		Non Engraved
2	Column of Commercial Bldg.	7	10	2023	6Diax12		15	28.28	57	4515		Non Engraved
3												
4												
5				-								
6							1			I		
7					-		I			I		
8												
9												
10												
11					-		-			I		
12												
13										I		
14										I		
15										-		
16										-		
Witness	sed by:											

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



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.

6256 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designning and Resident Type Supervision of the Scheme

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3567 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. G3/237/RE/31 Dated: 15-11-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 17-11-23 Tested on: 23-11-23 in dry/wet condition



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 (%)	
Commercial Bldg.	3	10	2023	6Diax12		14.4	28.28	50	3960		Non Engraved
Footing of Commercial Bldg.	3	10	2023	6Diax12		15.4	28.28	45	3564		Non Engraved
									-		
									-		
				-		1			I	1	
									I		
									I		
									I		
									-		
									I		
						-			I		
	Footing of Commercial Bldg. Footing of Commercial Bldg	Mark* DD Footing of Commercial Bldg. Footing of Commercial Bldg.	Mark* DD MM Footing of Commercial Bldg. Footing of Commercial Bldg.	Footing of Commercial Bldg. Footing of Commercial Bldg. 3 10 2023	DD   MM   YYYY   (in)	Mark*   DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*	Mark*   Date   Size   Weight   Weight   Weight   Weight   Weight   Weight   Meight   Meight	Mark*   DD   MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)   (psi)	Mark*

#### Witnessed by:

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

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



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.

6256 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designning and Resident Type Supervision of the Scheme

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3568 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. G3/237/RE/32 Dated: 15-11-23 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 17-11-23 Tested on: 23-11-23 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	Column	7	10	2023	6Diax12		15	28.28	40	3168		Non Engraved
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13										I		
14										I		
15										-		
16										-		
Witness	sed by:											

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



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.

6283 Dr. Ubaid

To: Engr. Nouman Qamar

Resident Engineer, AZ Engineering Associates, Narowal.

Project: Widening / Improvement of Road from Sialkot Cantt to Jassar Garrison Length = 69.00 KM, in District

Narowal. (Contractor: M/S Asad Construction Pvt. Ltd.)

Our Ref. No. CL/CED/ 3569 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. AZ/RE/SNR/045 Dated: 22-11-23 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 23-11-23 Tested on: 23-11-23 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	#2, (4060 Psi)	23	10	2023	6Diax12		13.8	28.28	37	2931		Non Engraved
2	#5, (4060 Psi)	23	10	2023	6Diax12		14	28.28	33	2614		Non Engraved
3	#6 (4060 Psi)	23	10	2023	6Diax12		14.4	28.28	35	2772		Non Engraved
4												
5												
6												
7												
8				-								
9												
10												
11							-			I		
12				-								
13										-		
14										-		
15										-	-	
16										-	-	

#### Witnessed by:

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

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



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.

> 6257 Dr. Aqsa

To: Mr. Salman Aziz

Resident Engineer, NESPAK (Pvt.) Ltd.

Project:Const. of Infrastructure Development & Parking Plaza at Central Business Development Project, Central Business Development Project Pkg 1 & 2 Phase-1, Lahore. (Contractor: M/s NLC Engineers)

Our Ref. No. CL/CED/ 3570 Dated: 23-11-23

Your Ref. No. 4323/13/SA/09-NLC/342 Dated: 14-11-23

Test Specification

( ---- )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 17-11-23 Tested on: 21-11-23 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	Kerb Stone (K5)				5.9 x 5.9 x 5.9		7675	34.81	70	4504		Cut Cube
2	Kerb Stone (K5)				5.8 x 5.9 x 5.9		7475	34.22	71	4648		Cut Cube
3	Kerb Stone (K5)				6 x 6 x 5.9		8000	36	77	4791	1	Cut Cube
4	Kerb Stone (K1)				4 x 4 x 4		2275	16	32	4480	-	Cut Cube
5	Kerb Stone (K1)				4 x 4 x 3.9	THE	2225	16	34	4760		Cut Cube
6	Kerb Stone (K1)				3.8 x 4 x 3.9	READ IN	2190	15.2	33	4863	-	Cut Cube
7						OF THY LEGRO WHO CREATES	ر بجب الدي خلق ر	E2		-	-	
8								<b>3</b>				
9					)	-						
10						LA	IORE.					
11												
12												
13												
14												
15												
16												

#### Witnessed by:

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

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



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.

6257 Dr. Asad Gilani

To: Mr. Salman Aziz

Resident Engineer, NESPAK (Pvt.) Ltd.

Project: Construction of Infrastructure Development & Parking Plaza at Central Business Development Project, Central Business Development Project Phase-1, Lahore. (Contractor: M/s NLC Engineers) Our Ref. No. CL/CED/ 3571 Dated: 23-11-23

14-11-23 Your Ref. No. 4323/13/SA/09-NLC/341 Dated:

**Test Specification** 

#### COMPRESSION TEST REPORT

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

Specimens received on: 17-11-23 Tested on: 23-11-23 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	Concrete Cement Tile (Grey)				8.1x8.1x1.6		4215	65.61	214	7306		Cut Piece
2	Concrete Cement Tile (Grey)				8.0x8.1x1.6		4145	64.8	212	7328		Cut Piece
3	Concrete Cement Tile (Grey)				8.1x8.1x1.6		4015	65.61	216	7374		Cut Piece
4	Concrete Cement Tile (Black)				8.0x8.0x1.6		3925	64	210	7350		Cut Piece
5	Concrete Cement Tile (Black)				8.0x8.0x1.6		3975	64	212	7420		Cut Piece
6	Concrete Cement Tile (Black)				8.0x8.2x1.6		3870	65.6	208	7102		Cut Piece
7	Concrete Cement Tile (Ivory)				8.1x8.1x1.6		4010	65.61	212	7238	I	Cut Piece
8	Concrete Cement Tile (Ivory)				8.1x8.1x1.6		3985	65.61	210	7170	-	Cut Piece
9	Concrete Cement Tile (Ivory)				8.1x8.1x1.6		3965	65.61	212	7238		Cut Piece
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

- 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.



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.

6268 Dr. Ubaid

To: Mr. Riaz Ahmad

Rana Associates, New Garden Town, Lahore.

Project: P-160 Gulberg. (Zoom Ready Mix)

Our Ref. No. CL/CED/ 3572 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: 20-11-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 21-11-23 Tested on: 23-11-23 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	Roof Slab (3000 Psi)	9	11	2023	6Diax12		13.4	28.28	21	1663		Non Engraved
2	Roof Slab (3000 Psi)	9	11	2023	6Diax12		14	28.28	23	1822		Non Engraved
3	Roof Slab (3000 Psi)	9	11	2023	6Diax12		14	28.28	20	1584		Non Engraved
4	Roof Slab (3000 Psi)	9	11	2023	6Diax12		14	28.28	25	1980		Non Engraved
5												
6										-		
7												
8							-			I		
9							-			I		
10										I		
11							-			I		
12							-			I		
13										I		
14										I		
15										-		
16										-		
Witness	sed by:											

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



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.

6262 Dr. Usman Akmal

**Test Specification** 

To: Mr. Muhammad Shafiq

Assistant Resident Engineer, 16 City of Project, Package # III (Kamalia), MMP Pakistan (Pvt.) Ltd.

Project: Rehabilitation of Road with Tuff Pavers in Kamalia (Package-III PCP), R2-Daras Ghousia to Darbar Darghai Shah Via Malkanwali Bhain Main Gate Fazil Dewaan Park City. R1-Haji Chowk to Pakistan Chowk.

Our Ref. No. CL/CED/ 3573 23-11-23 Dated:

Your Ref. No. KM/PKG03/29 Dated: 18-11-23 ( ASTM C39 )

### COMPRESSION TEST REPORT

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

Specimens received on: 20-11-23 Tested on: 23-11-23 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	(1:2:4)	19	10	2023	6Diax12		12.2	28.28	20	1584		Non Engraved
2	(1:2:4)	19	10	2023	6Diax12		12.8	28.28	28	2218		Non Engraved
3	(1:2:4)	19	10	2023	6Diax12		12.4	28.28	20	1584		Non Engraved
4	(1:2:4)	20	10	2023	6Diax12		12.4	28.28	32	2535		Non Engraved
5	(1:2:4)	20	10	2023	6Diax12		13	28.28	22	1743		Non Engraved
6	(1:2:4)	20	10	2023	6Diax12		13	28.28	26	2059		Non Engraved
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. M. Shafiq CNIC 36304-2378145-9 & Mr. M. Arshad CNIC 35101-7070900-1

- Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a> 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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

6263 Dr. Ubaid

**Test Specification** 

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project:Const. of DHA Newlife Residency Appart. at 273/1 Q Block Phase-II DHA, Lahore. (Contractor: M/s

Ghousia Engg. & Const. Pvt. Ltd.), (Pour # 01 of 10th Floor Roof Slab from Grid 4-6 & Line L-P)

Our Ref. No. CL/CED/ 3574 Dated: 23-11-23

Your Ref. No. G3/DHA-NLD/RE/194 Dated: 17-11-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 20-11-23 Tested on: 23-11-23 in dry/wet condition



10th Floor Roof Slab (4000 Psi)	DD	8484			Weight	Weight	X-Section	load	Stress	Water Absorpti	Remarks
		IVIIVI	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
	28	9	2023	6Diax12		13.4	28.28	57	4515		Engraved
Slab (4000 Psi)	28	9	2023	6Diax12		13.4	28.28	46	3644		Engraved
10th Floor Roof Slab (4000 Psi)	28	9	2023	6Diax12		13	28.28	56	4436		Engraved
	-										
	-										
		Slab (4000 Psi)   28   10th Floor Roof   28	Slab (4000 Psi) 28 9  10th Floor Roof Slab (4000 Psi) 28 9	Slab (4000 Psi)     28     9     2023       10th Floor Roof Slab (4000 Psi)     28     9     2023   -	Slab (4000 Psi)         28         9         2023         6Diax12           10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12 <td< td=""><td>Slab (4000 Psi)         28         9         2023         6Diax12            10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12   </td><td>Slab (4000 Psi)         28         9         2023         6Diax12          13.4           10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12          13   </td><td>Slab (4000 Psi)         28         9         2023         6Diax12          13.4         28.28           10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12          13         28.28  </td><td>Slab (4000 Psi)     28     9     2023     6Diax12      13.4     28.28     46       10th Floor Roof Slab (4000 Psi)     28     9     2023     6Diax12      13     28.28     56   </td></td<> <td>Slab (4000 Psi) 28 9 2023 6Diax12 13.4 28.28 46 3644  10th Floor Roof Slab (4000 Psi) 28 9 2023 6Diax12 13 28.28 56 4436 </td> <td>Slab (4000 Psi)         28         9         2023         6Diax12          13.4         28.28         46         3644            10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12          13         28.28         56         4436  </td>	Slab (4000 Psi)         28         9         2023         6Diax12            10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12	Slab (4000 Psi)         28         9         2023         6Diax12          13.4           10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12          13	Slab (4000 Psi)         28         9         2023         6Diax12          13.4         28.28           10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12          13         28.28	Slab (4000 Psi)     28     9     2023     6Diax12      13.4     28.28     46       10th Floor Roof Slab (4000 Psi)     28     9     2023     6Diax12      13     28.28     56	Slab (4000 Psi) 28 9 2023 6Diax12 13.4 28.28 46 3644  10th Floor Roof Slab (4000 Psi) 28 9 2023 6Diax12 13 28.28 56 4436	Slab (4000 Psi)         28         9         2023         6Diax12          13.4         28.28         46         3644            10th Floor Roof Slab (4000 Psi)         28         9         2023         6Diax12          13         28.28         56         4436

Witnessed by: Nil

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

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



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.

6264 Dr. Ubaid

To: Project Director-II

U.D Wing, LDA, Lahore.

Project: Construction of Orange Line Metro Train Project (Package-II) Chouburji to Ali Town-Reconstruction

of Jamia Masjid Muhammadia (Qadeem), Lake Road, Lahore.

Our Ref. No. CL/CED/ 3575 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. PD-II/LDA/158 Dated: 14-11-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 20-11-23 Tested on: 23-11-23 in dry/wet condition



Sr. No. Mark*		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 (%)	
	15	10	2023	6Diax12		14	28.28	64	5069		Non Engraved
Raft Foundation (1:2:4)	15	10	2023	6Diax12		14	28.28	64	5069		Non Engraved
	1	1	-								
	ł	1	-								
	1		-								
	-		-								
	-		-								
		-									
	1		-								
	Raft Foundation (1:2:4) Raft Foundation (1:2:4)	Mark* DD Raft Foundation (1:2:4) Raft Foundation (1:2:4)	Mark*  DD MM  Raft Foundation (1:2:4)  Raft Foundation (1:2:4)	Mark*  DD MM YYYY  Raft Foundation (1:2:4)  Raft Foundation (1:2:4)	Mark*         DD MM YYYY         (in)           Raft Foundation (1:2:4)         15 10 2023 6Diax12           Raft Foundation (1:2:4)         15 10 2023 6Diax12	Mark*         DD MM YYYY         (in)         (Kg/ gms)           Raft Foundation (1:2:4)         15 10 2023 6Diax12            Raft Foundation (1:2:4)         15 10 2023 6Diax12   -	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)  Raft Foundation (1:2:4) Raft Foundation (1:2:4)  The second seco	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)  Raft Foundation (1:2:4)  Raft Foundation (1:2:4)  The section (Sq. in)  Raft Foundation (1:2:4)  The section (Sq. in)  Raft Foundation (1:2:4)  The section (Sq. in)  Section (	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)	Mark*         DD MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)         (Sq. in)         (Imp.Tons)         (psi)           Raft Foundation (1:2:4)         15         10         2023         6Diax12          14         28.28         64         5069           Raft Foundation (1:2:4)         15         10         2023         6Diax12          14         28.28         64         5069	Mark*   DD   MM   YYYY   (in)   (Kg/gms)   (Kg/gms)

Witnessed by: Nil

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

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



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.

6251 Dr. Ubaid

To: Mr. Talha Javaid

Project Manager, CONSTRUCT®, 41-B, Gulberg II, Lahore.

Project: 18 Green Apartment Complex, DHA Phase VI, Lahore. (Basement Slab, In Front of Tower A)

Our Ref. No. CL/CED/ 3576 Dated: 23-11-23 **Test Specification** 

Your Ref. No. Dated: 16-11-23 ( ASTM C39 )

### COMPRESSION TEST REPORT

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

Specimens received on: 16-11-23 Tested on: 23-11-23 in dry/wet condition



Sr. No. Mark*		Casting Date*		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	(3000 Psi)	9	11	2023	6Diax12		13.4	28.28	42	3327		Engraved
2	(3000 Psi)	9	11	2023	6Diax12		14	28.28	48	3802		Engraved
3	(3000 Psi)	9	11	2023	6Diax12		14	28.28	46	3644		Engraved
4	(3000 Psi)	9	11	2023	6Diax12		13.2	28.28	47	3723		Engraved
5	(3000 Psi)	9	11	2023	6Diax12		13.4	28.28	49	3881		Engraved
6	(3000 Psi)	9	11	2023	6Diax12		14	28.28	49	3881		Engraved
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witness	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 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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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.

6277 Dr. Ubaid

To: Mr. Usman Tahir

Resident Engineer, Velosi Integrity & Safety Pakistan (Pvt.) Ltd.

Project: Detailed Design & Resident Supervision of Regional Campuses of Allama Iqbal Open University

Sargodha.

Our Ref. No. CL/CED/ 3577 Dated: 23-11-23 <u>Test Specification</u>

Your Ref. No. VISP/RC/SRG-023 Dated: 17-11-23 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22-11-23 Tested on: 23-11-23 in dry/wet condition



olumns Grid L- /2-8 (1:1:2) olumns Grid L- /2-8 (1:1:2)	7	MM 10	YYYY	(in)	/// m/ mma m)			load		Absorpti	
/2-8 (1:1:2) olumns Grid L-		10		` '	(Ng/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
			2023	6x6x6		9	36	121	7529		Engraved
	7	10	2023	6x6x6		9.4	36	123	7653		Engraved
		ł									
		I									
		ł	-			1		-	-		
		I									
		I									
		I									
		I									
		ł									
		-									
		/2-8 (1:1:2) /		10   2023	10   2023   6x6x6	10   2023   6x6x6	10   2023   6x6x6     9.4	10   2023   6x6x6     9.4   36	10   2023   6x6x6     9.4   36   123   -	128 (1:1:2)	10   2023   68686     9.4   36   123   7653

Witnessed by: Nil

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

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