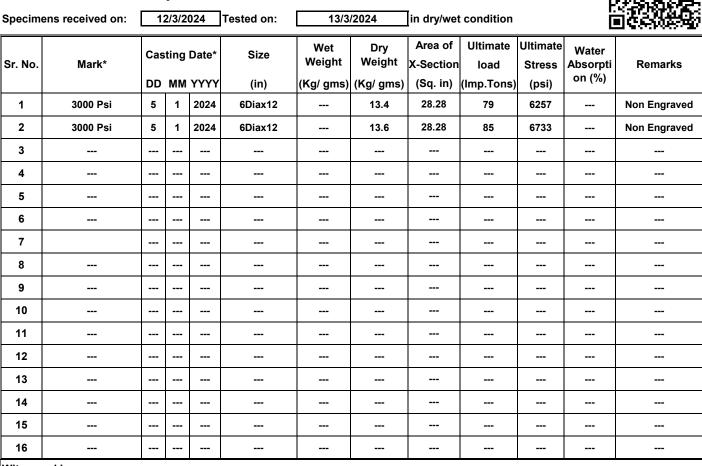


Project: Commercial Building Plan- Total No. of Floors 14 (Height of the Building =+170) Plot No. 07, Block Q, Gulberg-II, Lahore (Retaining Wall RCC lining B1 6q side 3000 Psi)

Our Ref. No. CL/CED/ 4434	Dated:	13/3/2024	Test Specification
Your Ref. No. Nil	Dated:	04-03-24	(ASTM C39)

## **COMPRESSION TEST REPORT**

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



#### 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

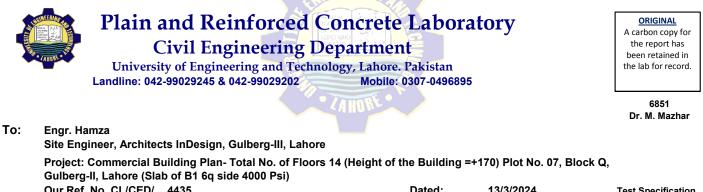
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as 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.



Our Ref. No. CL/CED/ 4435	Dated:	13/3/2024	Test Specification
Your Ref. No. Nil	Dated:	04-03-24	(ASTM C39)

13/3/2024

in dry/wet condition

## COMPRESSION TEST REPORT

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

12/3/2024 Tested on:



Remarks

Non Engraved

Non Engraved

Non Engraved

Sr. No.	Mark*	Casting Date*		Casting Date*		Casting Date*		Casting Date*		Casting Date*		Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)											
1	4000 Psi	3	2	2024	6Diax12		14	28.28	85	6733												
2	4000 Psi	3	2	2024	6Diax12		14.4	28.28	72	5703		I										
3	4000 Psi	3	2	2024	6Diax12		13	28.28	70	5545												
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------------------7 ---------8 ---\_\_\_ \_\_\_\_ ---------\_\_\_ ------9 ------------10 -------------------------------------11 ---------------------------12 ---------------------------------------13 --------------------------------------14 -------------------------------------15 --------------------------------16 ------------------------------

#### Witnessed by:

Specimens received on:

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.





Mobile: 0307-0496895

Dated:

Dated:

13/3/2024

08-03-24

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

6835 Dr. M. Mazhar

#### To: Mr. Muhammad Atif Khalil

Project Manager (BMC)- BANU MUKHTAR Contracting (Pvt) Ltd.

Landline: 042-99029245 & 042-99029202

Project: Burj-1 by AJWA Builders (Main Building 1st Floor Zone-01). (6000 Psi)

Your Ref. No. DOC-BMC/AJWA/153

## COMPRESSION TEST REPORT

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	8	8/3/20	)24	Tested on:	13/3	/2024	in dry/we	t condition		Ü	je steri
Sr. No.	Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		סט		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	. ,	
1	Col. # 04 Grids # C/3, D/3, F/3, G/3	8	2	2024	6Diax12		14	28.28	85	6733		Non Engraved
2	Col. # 04 Grids # C/3, D/3, F/3, G/3	8	2	2024	6Diax12		14	28.28	83	6574		Non Engraved
3	Col. # 04 Grids # C/3, D/3, F/3, G/3	8	2	2024	6Diax12		13.8	28.28	83	6574		Non Engraved
4												
5												
6												
7												
8										-		
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10										-		
11												
12												
13												
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16												
Witness	sed by:											

#### witnessea 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.



**Civil Engineering Department** 

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



To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) LimitedProject: MCL Projects - Rehabilitation of Street at Katchi Abadi F.C.C. Saint Marry Khan Colony UC-203Gulberg Zone LahoreOur Ref. No. CL/CED/4437Your Ref. No.4084/103/MUR/104/1796Dated:05-03-24

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	1/3/2	024	Tested on:	13/3	/2024	in dry/wet	condition			iester f
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		5	2	2024	6x6x6		8	36	66	4107		Non Engraved
2		5	2	2024	6x6x6		8.6	36	76	4729		Non Engraved
3		5	2	2024	6x6x6		8	36	56	3484		Non Engraved
4												
5												
6												
7												
8										-		
9										-		
10										-		
11												
12												
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14												
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Witness	ad 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 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.

ORIGINAL

6842 Dr. M. Mazhar

**Test Specification** 

(BS 1881-116)



**Civil Engineering Department** 

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

6812 Dr. M. Mazhar

To: **Assistant Resident Engineer** JERS Consultancy (Pvt) Ltd.

Project: Construction of General Bus Stand (GBS) in MC Kamalia City

Our Ref. No. CL/C	ED/ 4438	Dated:	13/3/2024	Test Specification
Your Ref. No.	488-J01-ARE/KML/GBS/05	Dated:	20/1/2024	( BS 3921** )

# COMPRESSION TEST REPORT



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

Specim	ens received on:	0	4-03	-24	Tested on:	13/3	/2024	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	н				8.8 x 4.3 x 2.9	3495	3135	37.84	44	2605	11.48	
2	н				8.7 x 4.3 x 3	3650	3300	37.41	48	2874	10.61	
3	н				8.8 x 4.2 x 2.9	3520	3175	36.96	44	2667	10.87	
4	н				8.8 x 4.3 x 3	3560	3190	37.84	44	2605	11.6	
5	н				8.8 x 4.3 x 2.8	3475	3170	37.84	42	2486	9.62	
6	н				8.7 x 4.2 x 3	3510	3220	36.54	42	2575	9.01	
7						OF THY GRATES	رتجب الذكى خلق ر	-				
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9					>	10-		<b>N</b>				
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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 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 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

6781 Dr. M. Mazhar

### To: Mr. M. Usman Rauf

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd.

Project: MCL Projects - Rehabilitation of Margazar Colony Peco Road Lahore

Our Ref. No. CL/	CED/ 4439	Dated:	13/3/2024	Test Specification
Your Ref. No.	4084/103/MUR/104/1224	Dated:	03-02-24	( BS 3921** )

## **COMPRESSION TEST REPORT**



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

Specim	2	27-02	-24	Tested on:	13/3	/2024	in dry/we	t condition										
Sr. No.	Mark*	Cas	Casting Date*		asting Date*		Casting Date		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)							
1	A9				8.9 x 4.4 x 3	3710	3275	39.16	40	2288	13.28							
2	A9				8.9 x 4.4 x 3	3695	3220	39.16	48	2746	14.75							
3	A9				8.9 x 4.3 x 3	3740	3300	38.27	46	2692	13.33							
4	A9				8.9 x 4.4 x 2.9	3710	3265	39.16	42	2402	13.63							
5	A9				8.9 x 4.4 x 3	3860	3115	39.16	42	2402	23.92							
6	A9				9 x 4.4 x 3	3670	3265	39.6	50	2828	12.4							
7						OF THY CORD WHO CREATES	زیجب الدمی خلق ر	133										
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9					>			2										
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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 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 ORIGINAL A carbon copy for the report has been retained in the lab for record.

6817 Dr. M. Mazhar

To: M/S KANWAR ASSOCIATES Johar Town, Lahore.

Project: Construction of Warehouse at Narowal. (Client: Naubahar Bottling Company (PEPSI))

Our Ref. No. CL/	CED/ 4440	Dated:	13/3/2024	Test Specification
Your Ref. No.	K.A/0503/665	Dated:	05-03-24	( )

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	0	5-03	-24	Tested on:	13/3	/2024	in dry/we	t condition		Ċ	jesneg j
Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	5*5				8.7 x 4.1 x 2.9		3010	35.67	24	1507		
2	5*5				8.7 x 4 x 2.9		2765	34.8	44	2832		
3	5*5				8.4 x 4 x 2.8		2810	33.6	26	1733		
4												
5					<	NETNE	RING					
6					- 2	READ IN	2071	<b>_</b>				
7						OF THY CREATES	زیجب ال <del>ارک</del> ی خلق ر	133				
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9					5	200		₹∕				
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14												
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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 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.



# **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.

6785 Dr. M. Mazhar

**Test Specification** 

(BS 3921\*\*)

#### To: Mr. IMRAN IFTIKHAR

Assistant Executive Engineer-I, Central Civil Division No. 1, Pak PWD, Lahore Project: Up-gradation of Infrastruc. (Solarization) of Academic Blocks, Boundary Wall and Strengtheing of

Security Measures of (NIM) Lhr. Sub-Head: Const. of Boundary Wall and Security Measures at (NIM) Lhr. Our Ref. No. CL/CED/ 4441 13/3/2024 Dated: Dated: 06-02-24

13/3/2024

in dry/wet condition

Your Ref. No. AEE-I/CCD-I/LHR/01

Specimens received on: 27/2/2024 Tested on:

# COMPRESSION TEST REPORT

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



opecili	ens received on.		11212	024	rested on.	13/3	/2024		conultion			leevera
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Talwar				8.8 x 4.2 x 2.9	3390	3115	36.96	54	3273	8.83	
2	Talwar				8.8 x 4.2 x 2.9	3320	3080	36.96	48	2909	7.79	
3	Talwar				8.7 x 4.2 x 2.9	3300	3230	36.54	48	2943	2.17	
4	Talwar				8.8 x 4.3 x 3	3370	3210	37.84	40	2368	4.98	
5	Talwar				8.7 x 4.2 x 2.9	3595	3260	36.54	58	3556	10.28	
6	Talwar				8.8 x 4.3 x 2.9	3500	3155	37.84	40	2368	10.94	
7	Talwar				8.8 x 4.2 x 2.9	3485 WHO	3175	36.96	48	2909	9.76	
8	Talwar				8.8 x 4.3 x 2.9	3470	3115	37.84	40	2368	11.4	
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Witness	ad 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 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 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.

6852 Dr. M. Mazhar

To: Mr. Muhammad Hassan Khan Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Remodelling of Jorray Pul Chowk, Zarrar Shaheed Road, Lahore. (Contractor: M/S WAY MAKERS)

Our Ref. No. CL	/CED/ 4442	Dated:	13/3/2024	Test Specification
Your Ref. No.	4084/103/MHK/JPC/07	Dated:	16/2/2024	()

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	2-03	-24	Tested on:	13/3	/2024	in dry/wet	t condition			
Sr. No.	Mark*		-	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	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2740	29.64	75	5668		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2665	29.64	56	4232		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2685	29.64	113	8540		
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2700	29.64	89	6726		
5	Rectangular, Red, 60mm				7.8 x 3.8 x 2.4	NEINE	2745	29.64	123	9296		
6					- )	READ IN	2077					
7						OF THY CREATES	ریجی اندکی خلق ر	133				
8					1							
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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 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.



**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.

6852 Dr. M. Mazhar

To: Mr. Muhammad Hassan Khan Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Remodelling of Jorray Pul Chowk, Zarrar Shaheed Road, Lahore. (Contractor: M/S WAY MAKERS)

Our Ref. No. CL/	CED/ 4443	Dated:	13/3/2024	Test Specification
Your Ref. No.	4084/103/MHK/JPC/06	Dated:	16/2/2024	()

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2-03	-24	Tested on:	13/3	/2024	in dry/wet	t condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Kerb Stone				6 x 6 x 6		7.6	36	66	4107		Cut Cube
2	Kerb Stone				6 x 6 x 6		7.6	36	77	4791		Cut Cube
3	Kerb Stone				6 x 6 x 6		7.2	36	44	2738		Cut Cube
4												
5					-	THINE	RING .					
6					- )	READ N	2071					
7						OF THY -CORD WHO OREATES	زیجک ان کی خلق ر	1				
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Witness	sed 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

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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)



**Civil Engineering Department** 

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

6853 Dr. M. Mazhar

To: **JR Private Limited** 

Cavalry Ground Ext. Lahore Cantt.

Project: Construction of Warehouse & Road Works at Jaranwala Road

Our Ref. No. CL/CED/	4444	Dated:	13/3/2024	Test Specification
Your Ref. No. Ni	1	Dated:	11-03-24	( )

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	2-03	-24	Tested on:	13/3	/2024	in dry/wet	condition			
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	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.2		3650	30.42	89	6554		
2	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3740	30.42	141	10383		
3	Rectangular, Grey, 60mm				7.8 x 3.9 x 2.4		2850	30.42	156	11487		
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Witness	ed 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 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

6853 Dr. M. Mazhar

To: JR Private Limited

Cavalry Ground Ext. Lahore Cantt.

Project: Construction of Warehouse & Road Works at Jaranwala Road.

Our Ref. No. CL/CED/ 4445	Dated:	13/3/2024	Test Specification
Your Ref. No. Nil	Dated:	11-03-24	( )

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## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	2-03	-24	Tested on:	13/3	/2024	in dry/wet	t condition			je su s
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	мм	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3550	30.42	79	5817		
2	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.2		3795	30.42	64	4713		
3	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.2		3515	30.42	85	6259		
4	Rectangular, Grey, 80mm				7.8 x 3.9 x 3		3330	30.42	56	4124		
5	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1	THE	3470	30.42	64	4713		
6	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1	READ IN	3575	30.42	89	6554		
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Witness	sed by:						•					

#### Witnessed by:

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**Civil Engineering Department** 

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

6861 Dr. Rizwan Riaz

To: Mr. Amir Rabbani For INTERSAC CANADA

Project: Advanced Light Weight Concrete Solid Block

Our Ref. No. CL/CED/ 4446

Your Ref. No. PSI/04/240313

# **COMPRESSION TEST REPORT**



**Test Specification** 

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

ens received on:	1;	3/3/2	024	Tested on:	13/3	/2024	in dry/wet	condition		Ē	jčeste go
Mark*		_		Size (in)	Wet Weight (Kq/ qms)			load	Stress	water	Remarks
ALC Solid Block	28	2	2024	11.9 x 4 x 8		6	47.6	5.5	259		
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					KEAD N	2007	<u> </u>				
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	Mark* ALC Solid Block	Mark*         Case           DD           ALC Solid Block         28               ALC Solid Block         28	Mark*         Casting           DD         MM           ALC Solid Block         28         2	Mark*         Casting Date*           DD         MM YYYY           ALC Solid Block         28         2         2024            28         2         2024            28         2         2024            28         2         2024            28         2         2024            28         2         2024            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52         52            52         52	Mark*         Casting Date*         Size           DD         MM YYYY         (in)           ALC Solid Block         28         2         2024         11.9 x 4 x 8            28         2         2024         11.9 x 4 x 8            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            4         4         4         4            <	Mark*         Casting Date*         Size         Wet Weight Weight           DD         MM YYYY         (in)         (Kg/gms)           ALC Solid Block         28         2         2024         11.9 x 4 x 8   -	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           ALC Solid Block         28         2         2024         11.9 x 4 x 8          6               6             ALC Solid Block         28         2         2024         11.9 x 4 x 8          6	Mark* $Casting Date*$ Size         Wet Weight Weight Weight Weight Size         Dry Weight Weight Size         Area of X-Section (Kg/gms)           ALC Solid Block         28         2         2024         11.9 x 4 x 8          6         47.6              6         47.6                  6         47.6               6         47.6	Mark* $Castro Data         Size         Wet Weight Weight Weight (Kg/gms)         Area of X-Section (Imp.Tons)           ALC Solid Block         28         2         2024         11.9 x 4 x 8          6         47.6         5.5              6         47.6         5.5  $	Mark* $Castra de $	Mark*         Castury Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Sq. in)         Ultimate Istress (ps)         Water Absorption (%)           ALC Solid Block         28         2         2024         11.9 x 4 x 8          6         47.6         5.5         259              6         47.6         5.5         259              6         47.6         5.5         259              6         47.6         5.5         259                6         47.6         5.5         259

Dated:

Dated:

-

13/3/2024

13/3/2024

### Witnessed by:

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

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