

**Civil Engineering Department** 

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

8095 Dr. M. Yousaf

To: Consultant

Takbeer Tower, Mecload Road Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 6274	Dated:	28-10-24	Test Specification
Your Ref. No. Nil	Dated:	28-10-24	( )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	2	8-10	-24	Tested on:	28-1	10-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*		Casting Date*		Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Rectangular, Grey,	עט	NINI	YYYY	( )	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	. (,	
1	60mm				7.7 x 3.8 x 2.3		2640	29.26	78	5971		
2	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2620	29.26	60	4593		
3	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2615	29.26	54	4134		
4	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2635	29.26	62	4746		
5	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3	WHINE	2660	29.26	63	4823		
6	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3	READ N	2695	29.26	52	3981		
7	Rectangular, Grey, 60mm				7.7 x 3. <mark>8 x 2.3</mark>	OF THY -CORD WHO OREATES	2650	29.26	62	4746		
8	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2680	29.26	73	5589		
9	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2575	29.26	42	3215		
10	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2630	29.26	52	3981		
11	Rectangular, Red, 60mm				7.7 x 3.8 x 2.1		2605	29.26	64	4900		
12	Rectangular, Red, 60mm				7.7 x 3.8 x 2.1		2530	29.26	65	4976		
13												
14												
15												
16												
Witness	Nitnessed by:											

#### litnessea 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)



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8088 Dr. M. Yousaf

#### To: Mr. Shakeel Ahmad

Project Engineer, Halla, Pattoki. Mezan Beverages Dairy Unit Pvt. Ltd.

Project: Drain for Shed 11 & 12 at Pattoki.			
Our Ref. No. CL/CED/ 6275	Dated:	28-10-24	Test Specification
Your Ref. No. MD/Con/CIV/00155	Dated:	22-10-24	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	2	4-10	-24	Tested on:	28-7	10-24	in dry/wet condition				
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RCC Wall	20	9	2024	6x6x6		8.2	36	77	4791		Non Engraved
2	RCC Wall	20	9	2024	6x6x6		8.4	36	82	5102		Non Engraved
3												
4						/						
5						NHNE	RING					
6					>	READ IN	207					
7						OF THY CORD WHC CREATES	زیجک الارکی خلق ر	<b>1</b>				
8								5				
9					- /	20-		₹				
10					<	(A	IORE.					
11												
12												
13												
14												
15												
16												
Nitnessed by: Nil												

#### witnessea 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 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)



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8084 Dr. M.Yousaf

### To: Project Manager

Strong Ready Mix, Near Ashiyana Housing Society Lahore.

Project: Nice Chain Sunder Estate, Lahore.												
Our Ref. No. CL/CED/ 6276	Dated:	28-10-24	Test Specification									
Your Ref. No. CBT/UET/09	Dated:	21-10-24	( BS 1881-116 )									

## **COMPRESSION TEST REPORT**

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

Specimens received on: 24-		4-10	-24	Tested on:	28-1	10-24	in dry/we	t condition		ONLINE REPORT		
Sr. No.	Mark*	Cas DD	-	Date*	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 (4000 Psi)	13	9	2024	6x6x6		8.2	36	81	5040		Non Engraved
2	Slab (4000 Psi)	13	9	2024	6x6x6		8.8	36	66	4107		Non Engraved
3	Slab (4000 Psi)	13	9	2024	6x6x6		8.2	36	101	6284		Non Engraved
4												
5						THE	RING					
6						READIN	2071					
7						OF THY HORD WHO OREATES	زیجی ان کی خلق ر					
8					- 48			5				
9								≥ <				
10						-IA	IDR <u>F.</u>					
11												
12												
13												
14												
15												
16												
Witnessed 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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8046 Dr. M.Yousaf

To: For S & S Associates

Ayoub Chowk, Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building.

Our Ref. No. CL/	CED/ 6277	Dated:	28-10-24	Test Specification
Your Ref. No.	STML/PBS/043	Dated:	21-10-24	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	2	1-10	-24	Tested on:	28-1	10-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		_	Date*	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	Footing, Grid 1~5/E, C-20	13	10	2024	6x6x6		8	36	56	3484		Non Engraved
2	Footing, Grid 1~5/E, C-20	13	10	2024	6x6x6		7.6	36	60	3733		Non Engraved
3												
4												
5						WHINE	RINT					
6		-			>	READ N	2071					
7						OF THY GRATES	زیجب اندکی خلق ر	£2				
8					S.R. 1					-		
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10					<		IOR <u>E</u>					
11												
12												
13												
14												
15												
16												
Witnessed by: Nil												

#### witnessea 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 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.

Supervisor (Lab)



**Civil Engineering Department** 

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

> 8046 Dr. M.Yousaf

To: For S & S Associates

Ayoub Chowk, Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building

Our Ref. No. CL/	CED/ 6278	Dated:	28-10-24	Test Specification
Your Ref. No.	STML/PBS/044	Dated:	21-10-24	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on:			21-10-24 Tested on:		28-1	10-24	in dry/wet 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	Column, C-30	15	10	2024	6x6x6		7.4	36	34	2116		Non Engraved
2	Column, C-30	15	10	2024	6x6x6		7	36	38	2364		Non Engraved
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5						THE	RING					
6					/ 2	KEAU N	EVEN	<b>X</b>				
7						OF THY -CRD WHC CREATES	رتبک الد کی خلق ر	133				
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12												
13												
14												
15												
16												
Witnessed by: Nil												

#### witnessea 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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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8046 Dr. M.Yousaf

To: For S & S Associates

Ayoub Chowk, Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building.

Our Ref. No. CL/	CED/ 6279	Dated:	28-10-24	Test Specification
Your Ref. No.	STML/PBS/042	Dated:	21-10-24	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specime	ens received on:	2	1-10	-24	Tested on:	28-7	10-24	in dry/wet condition				
Sr. No.	Mark*	Cas DD	-	Date*	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	Footing, Grid A~E/1, C-20	12	10	2024	6x6x6		7.6	36	40	2489		Non Engraved
2	Footing, Grid A~E/1, C-20	12	10	2024	6x6x6		8	36	40	2489		Non Engraved
3												
4												
5						NUT	RING					
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16												
Witnessed by: Nil												

#### witnessea 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 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)



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8046 Dr. M.Yousaf

To: For S & S Associates

Ayoub Chowk, Johar Town, Lahore.

Project:New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building.

Our Ref. No. CL/C	ED/ 6280	Dated:	28-10-24	Test Specification
Your Ref. No.	STML/PBS/041	Dated:	21-10-24	(BS 1881-116)

## COMPRESSION TEST REPORT



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

ens received on:	2	21-10	-24	Tested on:	28-1	0-24	in dry/wet condition			ONLINE REPORT	
Mark*		-		Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)			Stress	Water Absorpti on (%)	Remarks
Footing, Grid 1~5/A, C-20	11	10	2024	6x6x6		8	36	44	2738		Non Engraved
Footing, Grid 1~5/A, C-20	11	10	2024	6x6x6		7.6	36	44	2738		Non Engraved
					NHINE	RING					
					READ IN	2071	<u> </u>				
					OF THY CREATES	ر <del>ب</del> ک ال <del>د کی</del> خلق ر					
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				-	20-	100	~				
				<		IORE.					
	Mark* Footing, Grid 1~5/A, C-20 Footing, Grid 1~5/A, C-20	Mark*         Cas           DD         DD           Footing, Grid         11           1~5/A, C-20         11           Footing, Grid         11           1~5/A, C-20         11 <td>Mark*         Casting           DD MM           Footing, Grid         11         10           Footing, Grid         11         10           Footing, Grid         11         10           Footing, Grid         11         10           Tooting, Grid         Tooting, Grid         11           Tooting, Grid         Tooting, Grid         11</td> <td>Mark*         Casting Date*           DD         MM YYYY           Footing, Grid         11         10         2024  <t< td=""><td>Mark*         Casting Date*         Size           DD         MM         YYY         (in)           Footing, Grid         11         10         2024         6x6x6           Footing, Grid         11         10         2024         6x6x6           Footing, Grid         11         10         2024         6x6x6   </td><td>Mark*         Casting Date*         Size         Wet Weight Weight           DD         MM YYYY         (in)         (Kg/gms)           Footing, Grid 15/A, C-20         11         10         2024         6x6x6            Footing, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Tooo         Too         Too</td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           <math>Footing, Grid</math>         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          7.6                7.6   </td><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           Footing, Grid 11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          7.6         36  </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of X-Section (Imp.Tons)           Footing, Grid 1-5/A, C-20         11         10         2024         <math>6x6x6</math>          8         36         44           Footing, Grid 1-5/A, C-20         11         10         2024         <math>6x6x6</math>          8         36         44              7.6         36         44              7.6         36         44   </td><td>Mark*         Casting Date*         Size         Wet Weight <math>(Kg/gms)</math>         Dry Weight <math>(Kg/gms)</math>         Area of X-Section hoad         Ultimate Stress (psi)           Footing, Grid <math>1-5/A, C-20</math>         11         10         2024         6x6x6          8         36         44         2738           Footing, Grid <math>1-5/A, C-20</math>         11         10         2024         6x6x6          8         36         44         2738              7.6         36         44         2738  <td>Mark*         Casting Date*         Size         Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section         Ultimate load         Market Stress (psi)         Mater Absorption (%)           Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          7.6         36         44         2738   </td></td></t<></td>	Mark*         Casting           DD MM           Footing, Grid         11         10           Footing, Grid         11         10           Footing, Grid         11         10           Footing, Grid         11         10           Tooting, Grid         Tooting, Grid         11           Tooting, Grid         Tooting, Grid         11	Mark*         Casting Date*           DD         MM YYYY           Footing, Grid         11         10         2024           Footing, Grid         11         10         2024           Footing, Grid         11         10         2024           Footing, Grid         11         10         2024 <t< td=""><td>Mark*         Casting Date*         Size           DD         MM         YYY         (in)           Footing, Grid         11         10         2024         6x6x6           Footing, Grid         11         10         2024         6x6x6           Footing, Grid         11         10         2024         6x6x6   </td><td>Mark*         Casting Date*         Size         Wet Weight Weight           DD         MM YYYY         (in)         (Kg/gms)           Footing, Grid 15/A, C-20         11         10         2024         6x6x6            Footing, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Tooo         Too         Too</td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           <math>Footing, Grid</math>         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          7.6                7.6   </td><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           Footing, Grid 11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          7.6         36  </td><td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of X-Section (Imp.Tons)           Footing, Grid 1-5/A, C-20         11         10         2024         <math>6x6x6</math>          8         36         44           Footing, Grid 1-5/A, C-20         11         10         2024         <math>6x6x6</math>          8         36         44              7.6         36         44              7.6         36         44   </td><td>Mark*         Casting Date*         Size         Wet Weight <math>(Kg/gms)</math>         Dry Weight <math>(Kg/gms)</math>         Area of X-Section hoad         Ultimate Stress (psi)           Footing, Grid <math>1-5/A, C-20</math>         11         10         2024         6x6x6          8         36         44         2738           Footing, Grid <math>1-5/A, C-20</math>         11         10         2024         6x6x6          8         36         44         2738              7.6         36         44         2738  <td>Mark*         Casting Date*         Size         Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section         Ultimate load         Market Stress (psi)         Mater Absorption (%)           Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          7.6         36         44         2738   </td></td></t<>	Mark*         Casting Date*         Size           DD         MM         YYY         (in)           Footing, Grid         11         10         2024         6x6x6           Footing, Grid         11         10         2024         6x6x6           Footing, Grid         11         10         2024         6x6x6	Mark*         Casting Date*         Size         Wet Weight Weight           DD         MM YYYY         (in)         (Kg/gms)           Footing, Grid 15/A, C-20         11         10         2024         6x6x6            Footing, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Tooting, Grid 15/A, C-20         11         10         2024         6x6x6            Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too         Too           Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Too         Tooo         Too         Too	Mark*         Casting Date*         Size         Wet Weight         Dry Weight $Footing, Grid$ 11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          8           Footing, Grid         11         10         2024         6x6x6          7.6                7.6	Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms)         Area of X-Section (Sq. in)           Footing, Grid 11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          8         36           Footing, Grid 1-~5/A, C-20         11         10         2024         6x6x6          7.6         36	Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Sq. in)         Area of X-Section (Imp.Tons)           Footing, Grid 1-5/A, C-20         11         10         2024 $6x6x6$ 8         36         44           Footing, Grid 1-5/A, C-20         11         10         2024 $6x6x6$ 8         36         44              7.6         36         44              7.6         36         44	Mark*         Casting Date*         Size         Wet Weight $(Kg/gms)$ Dry Weight $(Kg/gms)$ Area of X-Section hoad         Ultimate Stress (psi)           Footing, Grid $1-5/A, C-20$ 11         10         2024         6x6x6          8         36         44         2738           Footing, Grid $1-5/A, C-20$ 11         10         2024         6x6x6          8         36         44         2738              7.6         36         44         2738 <td>Mark*         Casting Date*         Size         Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section         Ultimate load         Market Stress (psi)         Mater Absorption (%)           Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          7.6         36         44         2738   </td>	Mark*         Casting Date*         Size         Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section         Ultimate load         Market Stress (psi)         Mater Absorption (%)           Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          8         36         44         2738            Footing, Grid 1-5/A, C-20         11         10         2024         6x6x6          7.6         36         44         2738

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

1. \* as engraved on the specimens (if any)

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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)



Dated:

Dated:

28-10-24

23-10-24

Test Specification

(----)

Project: Construction of Kohala House, Nathia Gali.

Our Ref. No. CL/CED/ 6281

Your Ref. No. CITI HOUSING/2024/003

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	2	4-10	-24	Tested on:	28-1	0-24	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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Solid Block				11.9 x 5.8 x 7.8		20.4	69.02	64	2077		
2	Solid Block				11.8 x 8 x 7.5		28.4	94.4	69	1637		
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Witnessed by:												

#### Witnessed by:

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

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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.



## 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.

8072 Dr. M. Yousaf

Test Specification (----)

To: M/S Kanwar Associates Johar Town, Lahore.

Project: Blessed Textile Ltd. Unit 04			
Our Ref. No. CL/CED/ 6282	Dated:	28-10-24	
Your Ref. No. K.A/2110/6687	Dated:	21-10-24	

## COMPRESSION TEST REPORT



Specimens received on: 2			3-10-	0-24 Tested on:		28-10-24		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3585	29.64	81	6121		
2	Rectangular, Grey, 80 mm			-	7.8 x 3.8 x 3		3755	29.64	114	8615		
3	Rectangular, Grey, 80 mm			-	7.8 x 3.8 x 3		3580	29.64	85	6424		
4	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3695	29.64	77	5819		
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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

8068 Dr. M. Yousaf

#### To: Mr. Nabeel Ashraf

Assistant Engineer, Evacuee Trust Property Board, Government of Pakistan. Project: Testing of Bricks Collected from Site of Construction of Boundary Wall & Allied Works at Baoli Mandir Mouza Zafarwal, District Narowal.

Our Ref. No. CL/C	ED/ 6283	Dated:	28-10-24	Test Specification
Your Ref. No.	No. 6730	Dated:	16-10-24	( BS 3921** )

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## COMPRESSION TEST REPORT



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

Specime	ens received on:	2	3-10	-24	Tested on:	28-7	10-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Machine Made, Double Line				8.5 x 4.2 x 2.7	3095	2610	35.7	36	2259	18.58	
2	Machine Made, Double Line				8.5 x 4.1 x 2.7	3040	2585	34.85	40	2571	17.6	
3	Machine Made, Double Line				8.8 x 4 x 2.8	3165	2650	35.2	42	2673	19.43	
4	Machine Made, Double Line				8.7 x 4.1 x 2.7	3150	2630	35.67	41	2575	19.77	
5	Machine Made, Double Line				8.8 x 4 x 2.7	3035	2540	35.2	42	2673	19.49	
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. \* as engraved on the specimens (if any)

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

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

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)



**Civil Engineering Department** 

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

7996 Dr. M. Yousaf

To: Mr. Syed Suleman Haider

Resident Engineer, AZ ENGINEERING ASSOCIATES, Narowal.

Project: Widening / Improvement of Road from Sialkot Cantt to Jassar Garrison Length = 69.00 KM in District Narowal. (RD:1364+00 - 1778+00) Our Ref. No. CL/CED/ 6284-1 of 2 Dated: 28-10-24 **Test Specification** Your Ref. No. AZ/RE/SNR/164 Dated: 23-09-24

## **COMPRESSION TEST REPORT**



(BS 3921\*\*)

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

Specimens received on:		11-10-24		-24	Tested on:	28-10-24		in dry/wet condition				ONLINE REPORT	
Sr. No. Mark*		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	Machine Made, Double Line				8.9 x 4.1 x 2.9	3120	2415	36.49	50	3069	29.19		
2	Machine Made, Double Line				8.8 x 4 x 2.9	2940	2450	35.2	50	3182	20		
3	Machine Made, Double Line				8.6 x 4 x 2.8	2915	2645	34.4	28	1823	10.21		
4	Machine Made, Double Line				8.7 x 4.1 x 2.8	3180	2630	35.67	38	2386	20.91		
5	Machine Made, Double Line				8.8 x 4 x 2.9	3210	2650	35.2	31	1973	21.13		
6	Machine Made, Double Line				8.8 x 4.1 x 2.8	3215	2680	36.08	28	1738	19.96		
7	Machine Made, Double Line				8.7 x 4 x 2.9	3105 WHC	2630	34.8	38	2446	18.06		
8	Machine Made, Double Line				8.8 x 4 x 2.8	3155	2630	35.2	30	1909	19.96		
9	Machine Made, Double Line				8.9 x 4.1 x 2.8	2910	2430	36.49	39	2394	19.75		
10	Machine Made, Double Line				8.8 x 4.2 x 2.7	3210	2730	36.96	28	1697	17.58		
11	Machine Made, Double Line				8.7 x 4 x 2.9	3020	2565	34.8	40	2575	17.74		
12	Machine Made, Double Line				8.8 x 4.1 x 2.8	3150	2670	36.08	26	1614	17.98		
13	Machine Made, Double Line				8.9 x 4 x 2.8	3040	2560	35.6	29	1825	18.75		
14	Machine Made, Double Line				8.8 x 4.1 x 2.9	3120	2640	36.08	28	1738	18.18		
15	Machine Made, Double Line				8.7 x 4 x 2.8	3115	2645	34.8	30	1931	17.77		
16	Machine Made, Double Line				8.8 x 4.1 x 2.8	3105	2660	36.08	38	2359	16.73		
Witness		•		•		•	•	•	•				

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)



**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.

7996 Dr. M. Yousaf

To: Mr. Syed Suleman Haider

Resident Engineer, AZ ENGINEERING ASSOCIATES, Narowal.

Project: Widening / Improvement of Road from Sialkot Cantt to Jassar Garrison Length = 69.00 KM in District Narowal. (RD:1364+00 - 1778+00) Our Ref. No. CL/CED/ 6284-2 of 2 Dated: 28-10-24 **Test Specification** Your Ref. No. AZ/RE/SNR/164 Dated: 23-09-24

## COMPRESSION TEST REPORT



(BS 3921\*\*)

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

Specim	ens received on:	1	1-10	-24	Tested on:	28-1	10-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	-	Date* YYYY	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Machine Made,				8.8 x 4 x 2.9	(rtg/ gills) 3155	2605	35.2	(imp. rons) 29	(psi) 1845	21.11	
2	Double Line Machine Made, Double Line				8.8 x 4 x 2.8	2910	2475	35.2	40	2545	17.58	
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. \* as engraved on the specimens (if any)

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**Civil Engineering Department** 

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

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

8009 Dr. M. Yousaf

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Construction of DHA Newlife Residencia Appartments at 273/1 Q Block, Phase-II, DHA, Lahore.

Our Ref. No. CL/	CED/ 6285	Dated:	28-10-24	Test Specification
Your Ref. No.	G3/DHA-NLD/RE/274	Dated:	12-10-24	( BS 3921** )

## COMPRESSION TEST REPORT



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

Specim	ens received on:	1	5-10	-24	Tested on:	28-1	10-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	NO.1				9 x 4.3 x 3	3720	3420	38.7	41	2373	8.77	
2	NO.1				8.9 x 4.3 x 3	3910	3430	38.27	34	1990	13.99	
3	NO.1				8.9 x 4.3 x 2.9	3920	3480	38.27	40	2341	12.64	
4	NO.1				9 x 4.3 x 3	4075	3445	38.7	40	2315	18.29	
5	NO.1				8.9 x 4.3 x 3	3825	3390	38.27	40	2341	12.83	
6	NO.1				9 x 4.4 x 3	3780	3405	39.6	42	2376	11.01	
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Supervisor (Lab)