

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.

4677 Dr. Iran ul Hassan

( ---- )

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt) Ltd.

Project: Nil

Our Ref. No. CL/CED/ 1030 Dated: 30/01/2023 Test Specification

Your Ref. No. IHPL/Con/986 Dated: 30/01/2022

### **COMPRESSION TEST REPORT**

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

Specimens received on: 30/01/2023 Tested on: 30/01/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Solid Block				11.9 x 8 x 5.9		19.85	95.2	26	612		
2	Solid Block				11.9 x 8 x 5.9		19.9	95.2	41	965		
3	Solid Block				11.9 x 8 x 5.9		18.8	95.2	20	471		
4												
5						CINE	RING					
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#### 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 compressive 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.



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**ORIGINAL** 

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4647 Dr. Umbreen

To: Mr. Ashiq Ali

Mustafabad, Lahore Cantt.

Project: Construction of Residence of Mr. Saad Asghar 88-C Model Town Lahore.

 Our Ref. No. CL/CED/
 1031
 Dated:
 30/01/2023
 Test Specification

 Your Ref. No.
 Gen-429/6
 Dated:
 25/01/2023
 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet 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		28	12	2022	6x6x6		8.6	36	71	4418		Engraved
2		28	12	2022	6x6x6		8.4	36	81	5040		Engraved
3												
4												
5						CINE	RING					
6						Tagan a						
7						THE NAME OF THY LIDED WHO		<u></u>				
8						CREATES	10000					
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10					(	-/A	INRE					
11						-	I					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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4645 Dr. Umbreen

To: Asstt: Executive Engineer-IV

Central Civil Division-1, Pak. PWD, Lahore.

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National

School of Public Policy, Lahore. (Sub Head Construction of New Office Block)

Our Ref. No. CL/CED/ 1032 Dated: 30/01/2023 <u>Test Specification</u>

Your Ref. No. AEE-IV/CCD-I/LHR/101-B Dated: 10/08/2022 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 24/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Plinth Beam (1:2:4)	29	6	2022	6x6x6		8.8	36	55	3422		Non Engraved
2	Plinth Beam (1:2:4)	29	6	2022	6x6x6		8.4	36	67	4169		Non Engraved
3												
4												
5						CINE	RING					
6						Tagana)						
7						THE NAME OF THY LIDED WHO	<u> </u>					
8						CREATES	10000					
9								<b>7</b>				
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11		-					-					
12		I										
13		I										
14		I	-									
15		I										
16												

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>

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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 comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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4645 Dr. Umbreen

To: **Asstt: Executive Engineer-IV** 

Central Civil Division-1, Pak. PWD, Lahore.

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National

School of Public Policy, Lahore.( Sub Head Construction of New Office Block)

Our Ref. No. CL/CED/ 1033 Dated:

AEE-IV/CCD-I/LHR/101 Your Ref. No. Dated: 26/07/2022

30/01/2023

**Test Specification** 

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 24/1/2023 Tested on: 30/01/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Foundation (1:2:4)	21	6	2022	6x6x6		9	36	51	3173		Non Engraved
2	Foundation (1:2:4)	21	6	2022	6x6x6		9	36	45	2800		Non Engraved
3												
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8						CREATES	10000					
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15												
16												

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



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4650 Dr. Umbreen

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil

**Nishat Denim** 

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

Our Ref. No. CL/CED/ 1034 Dated: 30/01/2023 <u>Test Specification</u>

Your Ref. No. NDM/C-TEST/023 Dated: 23/01/2023 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
			MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
I	Bridge Abutment C- 30	29	12	2022	6x6x6		8	36	83	5164		Non Engraved
_	Bridge Abutment C- 30	23	12	2022	6x6x6		8.4	36	88	5476		Non Engraved
3	Bridge Abutment C- 30	29	12	2022	6x6x6		8.4	36	104	6471		Non Engraved
4												
5					/	CINE	RINO					
6						C IMPARIAN						
7		-				THE NAME  OF THY  LIGHT WHO	- N	<b>=</b>				
8		I			<u>-</u>	CREATES	3					
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13												
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15												
16		I								-		

Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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

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



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4650 Dr. Umbreen

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil

**Nishat Denim** 

Our Ref. No. CL/CED/ 1035

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

Your Ref. No. NDM/C-TEST/024 Dated: 23/01/2023 (BS 1881-116)

Dated:

30/01/2023

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/1/2023 Tested on: 30/01/2023 in dry/wet condition



**Test Specification** 



		-	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 (%)	
ımn C-	30	12	2022	6x6x6		8.6	36	100	6222		Non Engraved
	30	12	2022	6x6x6		8.8	36	94	5849		Non Engraved
ımn C-	30	12	2022	6x6x6		8.6	36	83	5164		Non Engraved
					CINE	RING					
					C Instantia						
					THE NAME  OF THY  LORO WHO		EF:				
					CREATES	3 1	HW				
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	ımn C-	Imn C- 30 Imn C-	30   12   12   12   12   13   12   13   12   13   12   13   12   13   13	30 12 2022  Imn C- 30 12 2022  Imn C- 30 12 2022	30 12 2022 6x6x6  Imn C- 30 12 2022 6x6x6	SO   12   2022   6x6x6	SO   12   2022   6x6x6     8.8   So   So   So   So   So   So   So   S	Summary   C-   30   12   2022   6x6x6     8.8   36   36   36   36   36   36   36   3	SO   12   2022   6x6x6     8.8   36   94   100	So   12   2022   6x6x6     8.6   36   100   6222   6x6x6     8.8   36   94   5849   1mn   C-   30   12   2022   6x6x6     8.6   36   83   5164	Solution   C-   30   12   2022   6x6x6     8.8   36   94   5849

Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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.



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4650 Dr. Umbreen

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil

**Nishat Denim** 

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

Our Ref. No. CL/CED/ 1036 Dated: 30/01/2023 <u>Test Specification</u>

Your Ref. No. NDM/C-TEST/025 Dated: 23/01/2023 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/1/2023 Tested on: 30/01/2023 in dry/wet condition





Mark*	C	asti	ing l	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	D	D N	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
` 30 ´		1	1	2023	6x6x6		8.8	36	77	4791		Non Engraved
30		1	1	2023	6x6x6		8.8	36	88	5476		Non Engraved
Slab(A~D/1~4) ( 30	C- 1	1	1	2023	6x6x6		8.6	36	69	4293		Non Engraved
		-										
		-				CINE	RINO					
		-				C DEPARTMENT						
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S S S	Slab(A~D/1~4) (30 Slab(A~D/1~4) (30 Slab(A~D/1~4) (30 Slab(A~D/1~4) (30	D    D    D    D    D    D    D    D	DD	DD MM   Slab(A~D/1~4)   C-   1   1   30   30   30   30   30   30	DD MM YYYY	DD MM YYYY	DD MM YYYY	DD   MM YYYY   (in)   (Kg/ gms) (Kg/ gms)	DD   MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)	DD MM YYYY   (in)   (Kg/ gms) (Kg/ gms)   (Sq. in)   (Imp.Tons)	DD   MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)   (psi)	DD MM YYYY

Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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

- 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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4650 Dr. Umbreen

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil

**Nishat Denim** 

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Guarantee Engineers Pvt. Ltd.

Our Ref. No. CL/CED/ 1037 Dated: 30/01/2023 Test Specification

Your Ref. No. NDM/C-TEST/022 Dated: 23/01/2023 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Masjad Column C-30	27	12	2022	6x6x6		9	36	120	7467		Non Engraved
2	Masjad Column C-30	27	12	2022	6x6x6		8.4	36	98	6098		Non Engraved
3	Masjad Column C-30	27	12	2022	6x6x6		8.4	36	100	6222		Non Engraved
4												
5						GINE	RINO					
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14												
15												
16												

Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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**ORIGINAL** 

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4629 Dr. Umbreen

To: Mr. Khalid Bashir

Ittefaq Building Solutions (Pvt.) Ltd.

Project: Construction of Ahmad Latif-511, DHA Phase 6, J-Block, Lahore.

 Our Ref. No. CL/CED/
 1038
 Dated:
 30/01/2023
 Test Specification

 Your Ref. No.
 IBS/AL/CT-03
 Dated:
 18/01/2023
 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 23/1/2023 Tested on: 30/01/2023 in dry/wet condition





Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight			Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Basement Slab (3000 Psi)	11	1	2023	6x6x6		8.8	36	65	4044		Non Engraved
(3000 Psi)	11	1	2023	6x6x6		8.6	36	65	4044		Non Engraved
Basement Slab (3000 Psi)	11	1	2023	6x6x6		9	36	69	4293		Non Engraved
				/	CINE	RINO					
					Tanan W						
					THE NAME OF THY LIGHT WHO						
				es	CREATES	3 1					
				(	- /A	INR					
	Basement Slab (3000 Psi) Basement Slab (3000 Psi) Basement Slab (3000 Psi)	Mark*  DD  Basement Slab	Mark*  DD MM  Basement Slab (3000 Psi)  Basement Slab (3000 Psi)  Basement Slab (3000 Psi)	DD MM YYYY	Mark*    DD   MM   YYYY   (in)	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*         Casting Date*         Size         Weight (Kg/ gms)         X-Section           Basement Slab (3000 Psi)         11 1 2023 6x6x6          8.8 36           Basement Slab (3000 Psi)         11 1 2023 6x6x6          8.6 36           Basement Slab (3000 Psi)         11 1 2023 6x6x6          9 36   <	Mark*   DD   MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)	Mark*         Casting Date*         Size         Weight (Kg/gms)         X-Section (Ioad Stress (psi))         Stress (psi)           Basement Slab (3000 Psi)         11 1 2023 6x6x6         8.8 36 65 4044         65 4044           Basement Slab (3000 Psi)         11 1 2023 6x6x6         9 36 69 4293           Basement Slab (3000 Psi)         11 1 2023 6x6x6         9 36 69 4293	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Stress   Absorption (%)

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

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4637 Dr. Umbreen

To: Engr. Khalid Sattar, Resident Engineer. DHQ Hospital Hafizabad.

Master Consulting Engineers (Pvt.) Ltd.

Project: Consultancy Service Resident Supervision for the Project Titled" Up-Gradation of D.H.Q Hospital

Hafizabad (Group No.2) ADP No. 768 for the year 2021-2022

Our Ref. No. CL/CED/ 1039

30/01/2023

Dated:

Test Specification

(BS 1881-116)

Your Ref. No. MCE/DHQ Hfzd/23/18 Dated: 21/01/2023

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 24/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC Raft Foundation (1:2:4)	19	12	2022	6x6x6		8.2	36	73	4542		Non Engraved
2	RCC Raft Foundation (1:2:4)	19	12	2022	6x6x6		9	36	106	6596		Non Engraved
3	RCC Raft Foundation (1:2:4)	19	12	2022	6x6x6		8.4	36	75	4667		Non Engraved
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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.

> 4637 Dr. Umbreen

To: Engr. Khalid Sattar, Resident Engineer. DHQ Hospital Hafizabad.

Master Consulting Engineers (Pvt.) Ltd.

Project: Consultancy Service Resident Supervision for the project Titled " Up-Gradation of D.H.Q Hospital

Dated:

Dated:

Hafizabad (Group No.1) ADP No. 768 for the year 2021-2022

Our Ref. No. CL/CED/ 1040

Your Ref. No. MCE/DHQ Hfzd/23/15

30/01/2023 <u>Test Specification</u>

17/01/2023 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 24/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	RCC Roof Slab (1:2:4)	14	12	2022	6x6x6		9	36	90	5600		Non Engraved
2	RCC Roof Slab (1:2:4)	14	12	2022	6x6x6		9	36	83	5164		Non Engraved
3	RCC Roof Slab (1:2:4)	14	12	2022	6x6x6		9	36	81	5040		Non Engraved
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Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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

- 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.



Your Ref. No.

### 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.

4637 Dr. Umbreen

To: Engr. Khalid Sattar, Resident Engineer. DHQ Hospital Hafizabad.

Master Consulting Engineers (Pvt.) Ltd.

Project: Consultancy Service Resident Supervision for the project Titled "Up-Gradation of D.H.Q Hospital

Hafizabad (Group No.1) ADP No. 768 for the year 2021-2022

MCE/DHQ Hfzd/23/17

Our Ref. No. CL/CED/ 1041

30/01/2023

**Test Specification** 

Dated: 21/01/2023

Dated:

( BS 1881-116 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 24/1/2023 Tested on: 30/01/2023 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	RCC Column (1:1.5:3)	26	11	2022	6x6x6		8.2	36	71	4418		Non Engraved
2	RCC Column (1:1.5:3)	26	11	2022	6x6x6		8.6	36	93	5787		Non Engraved
3	RCC Column (1:1.5:3)	26	11	2022	6x6x6		8.6	36	75	4667		Non Engraved
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Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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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- 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.

4656 Dr. M. Yousaf

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil

**Nishat Denim** 

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Najmi Nadeem Construction

Pvt. Ltd.

 Our Ref. No. CL/CED/
 1042
 Dated:
 30/01/2023
 Test Specification

 Your Ref. No.
 NDM/C-TEST/019
 Dated:
 12/01/2023
 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	No. Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII ( 70)	
1	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6		8.4	36	107	6658		Non Engraved
2	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6		8.2	36	84	5227		Non Engraved
3	Loom Shed Beam/B~L/26 C-20	14	12	2022	6x6x6		8.8	36	85	5289		Non Engraved
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9							72	<b>7</b>				
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Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

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

**ORIGINAL** 

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

> 4656 Dr. M. Yousaf

To: Mr. Muhammad Tahir Nazeer, Deputy Manager Civil

**Nishat Denim** 

Project: Construction of Nishat Mills Ltd. (Denim Division) M/S Contractor: Najmi Nadeem Construction

Pvt. Ltd.

Our Ref. No. CL/CED/ 1043 Dated: 30/01/2023 <u>Test Specification</u>

Your Ref. No. NDM/C-TEST/018 Dated: 12/01/2023 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/1/2023 Tested on: 30/01/2023 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6		8.2	36	78	4853		Non Engraved
2	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6		8.4	36	102	6347		Non Engraved
3	Mezzanine Slab D~J/41~43 C-20	13	12	2022	6x6x6		8.2	36	80	4978		Non Engraved
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Witnessed by: Nil

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

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

4576 Dr. Umbreen

To: **Assistant Resident Engineer** 

Your Ref. No.

G3 Engineering Consultant (Pvt.) Ltd. (M/S Fayyaz and Co.)

G3/GCUF/ARE/10

Project: Construction of Academic Block for the scheme titled " Establishment of Sub-Campus of GC

University Faisalabad at Sammundari"

Our Ref. No. CL/CED/ 1044

30/01/2023 Dated:

**Test Specification** 

Dated: 19/08/2022 (BS 3921\*\*)

#### COMPRESSION TEST REPORT

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

Specimens received on: 13/01/2023 Tested on: 30/01/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of Ultimate X-Section load	Ultimate Stress	Absorpti	Remarks	
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Machine Made Double Line				8.7 x 4.1 x 2.7		2695	35.67	53	3328		
2	Machine Made Double Line				8.7 x 4 x 2.8		2685	34.8	61	3926		
3	Machine Made Double Line				8.6 x 4 x 2.7		2650	34.4	59	3842		
4	Machine Made Double Line				8.7 x 4.1 x 2.7		2735	35.67	61	3831		
5	Machine Made Double Line				8.6 x 4.2 x 2.8	GINE	2685	36.12	51	3163		
6	Machine Made Double Line				8.7 x 4.1 x 2.7	THE AD IN	2655	35.67	53	3328		
7	Machine Made Double Line				8.7 x 4.1 x 2.7	3150	2885	TE C			9.19	
8	Machine Made Double Line				8.6 x 4. <mark>1 x 2.7</mark>	3095	2825				9.56	
9	Machine Made Double Line				8.7 x 4.1 x 2.8	3155	2805				12.48	
10	Machine Made Double Line				8.7 x 4.1 x 2.7	3100	2685				15.46	
11	Machine Made Double Line				8.6 x 4 x 2.7	2985	2625				13.71	
12	Machine Made  Double Line				8.6 x 4.1 x 2.8	3125	2705				15.53	
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>

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

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

4551 Dr. Umbreen

To: Mr. Muhammad Shafiq, Resident Engineer

NESPAK (Pvt.) Ltd. (M/s Shafiq Construction & Company)

Project: Const. of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Construction Teaching College/Academic Block, Boys and Girls Hostel & Miscellaneous Works (Group No.2). Our Ref. No. CL/CED/ 1045 30/01/2023 Dated:

Your Ref. No. 3016/13/MS/04/15 02/01/2023 Dated:

**Test Specification** 

#### (BS 3921\*\*)

#### COMPRESSION TEST REPORT

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

Specimens received on: 11/01/2023 Tested on: 30/01/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)			(Sq. in)		(psi)	on (%)	
1	No.1				9 x 4.4 x 3	4000	3515	39.6	61	3451	13.8	
2	No.1				8.9 x 4.3 x 2.9	4030	3440	38.27	43	2517	17.15	
3	No.1				9 x 4.3 x 3.1	3945	3440	38.7	55	3183	14.68	
4	No.1				9 x 4.4 x 3	4080	3515	39.6	45	2545	16.07	
5	No.1				9 x 4.4 x 3	3985	3470	39.6	51	2885	14.84	
6	No.1				9 x 4.4 x 3	3905	3400	39.6	59	3337	14.85	
7	Sword				8.8 x 4.2 x 3	3500	3135	36.96	45	2727	11.64	
8	Sword				8.7 x 4.3 x 2.9	3435	3145	37.41	55	3293	9.22	
9	Sword				8.7 x 4.1 x 3	3435	3155	35.67	63	3956	8.87	
10	Sword				8.8 x 4.3 x 2.9	3490	3135	37.84	57	3374	11.32	
11	Sword				8.6 x 4.2 x 2.9	3580	3255	36.12	59	3659	9.98	
12	Sword				8.8 x 4.3 x 3	3475	3095	37.84	49	2901	12.28	
13												
14												
15												
16												

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>

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