

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.

3742 Dr. Umbreen

**Test Specification** 

( ---- )

To: Paver Deptt.

For Banu Mukhtar.

Project: Terra Structure - Bajaur Project

Our Ref. No. CL/CED/ 9623 Dated:

Your Ref. No. **BM/UET/376** Dated: 19/08/2022

### COMPRESSION TEST REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/08/2022 in dry/wet condition



22/08/2022

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 (%)	
Tansar Block		-		5.8x5.9x6.0		7.4	34.22	71	4648		Cut Cube
Tansar Block				6.0x5.9x6.0		7.6	35.4	71	4493		Cut Cube
Tansar Block				5.9x5.8x6.0		8	34.22	77	5040		Cut Cube
					CINE	RING					
					Terania						
					THE NAME OF THY LIDED WHO						
					CREATES	10000					
							<b>7</b>				
				(	" - LA	INRE.					
									-		
	Tansar Block Tansar Block	Mark*  DD  Tansar Block  Tansar Block  Tansar Block	Mark*  DD MM  Tansar Block  Tansar Block  Tansar Block	Mark*  DD MM YYYY  Tansar Block  Tansar Block  Tansar Block	Mark*  DD MM YYYY  (in)  Tansar Block 5.8x5.9x6.0  Tansar Block 6.0x5.9x6.0  Tansar Block 5.9x5.8x6.0	Mark*  DD MM YYYY (in) (Kg/gms)  Tansar Block 5.8x5.9x6.0  Tansar Block 6.0x5.9x6.0  Tansar Block 5.9x5.8x6.0	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms)  Tansar Block 5.8x5.9x6.0 7.4  Tansar Block 6.0x5.9x6.0 7.6  Tansar Block 5.9x5.8x6.0 8	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)  Tansar Block 5.8x5.9x6.0 7.4 34.22  Tansar Block 6.0x5.9x6.0 7.6 35.4  Tansar Block 5.9x5.8x6.0 8 34.22	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)  Tansar Block 5.8x5.9x6.0 7.4 34.22 71  Tansar Block 6.0x5.9x6.0 7.6 35.4 71  Tansar Block 5.9x5.8x6.0 8 34.22 77	Mark*   DD   MM YYYY   (in)   (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi)	Mark*   DD   MM YYYY   (in)   (Kg/gms)   (Kg/gms)   (Sq. in)   (Imp.Tons)   (psi)   on (%)

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.



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3745 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

Your Ref. No.

Our Ref. No. CL/CED/ 9624 2000 A/F

22/8/2022 Dated:

**Test Specification** 

Dated: 16/3/2022 (BS 1881-116)

### COMPRESSION TEST REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition





Mark*				Size	Wet Weight	Dry Weight				Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
BW Plinth Beam (1:2:4)	17	2	2022	6x6x6		8.2	36	81	5040		Non Engraved
(1:2:4)	17	2	2022	6x6x6		8.6	36	102	6347		Non Engraved
BW Plinth Beam (1:2:4)	17	2	2022	6x6x6		8	36	53	3298		Non Engraved
					ANE	RING					
					C AMERICAN						
					THE NAME OF THE PARTY LIGHT WHILE	<u> </u>	<b>5</b>				
				es	CREATES	3					
					,		<b></b>				
					-/A	IORT					
	BW Plinth Beam (1:2:4) BW Plinth Beam (1:2:4) BW Plinth Beam (1:2:4)	Mark*  DD  BW Plinth Beam (1:2:4)  BW Plinth Beam (1:2:4)	Mark*  DD MM  BW Plinth Beam (1:2:4)  BW Plinth Beam (1:2:4)  BW Plinth Beam (1:2:4)	BW Plinth Beam (1:2:4) BW Plinth Beam (1:2:4) BW Plinth Beam (1:2:4) BW Plinth Beam (1:2:4)	Mark*  DD MM YYYY (in)  BW Plinth Beam (1:2:4)  BW Plinth Beam (1:2:4)  BW Plinth Beam (1:2:4)  BW Plinth Beam (1:2:4)	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	BW Plinth Beam (1:2:4)	Mark*         Casting Date*         Size         Weight (Kg/ gms)         X-Section           BW Plinth Beam (1:2:4)         17 2 2022 6x6x6         8.2 36         36           BW Plinth Beam (1:2:4)         17 2 2022 6x6x6         8.6 36           BW Plinth Beam (1:2:4)         17 2 2022 6x6x6         8 36	Mark*         Casting Date*         Size         Weight (Kg/gms)         X-Section (Ioad (Imp.Tons))           BW Plinth Beam (1:2:4)         17 2 2022 6x6x6          8.2 36 81           BW Plinth Beam (1:2:4)         17 2 2022 6x6x6          8.6 36 102           BW Plinth Beam (1:2:4)         17 2 2022 6x6x6          8 36 53  <	Mark*         Casting Date*         Size         Weight         Weight         X-Section         load         Stress           BW Plinth Beam (1:2:4)         17         2         2022         6x6x6          8.2         36         81         5040           BW Plinth Beam (1:2:4)         17         2         2022         6x6x6          8.6         36         102         6347           BW Plinth Beam (1:2:4)         17         2         2022         6x6x6          8         36         53         3298	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Weight   Weight   X-Section   load   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>

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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

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3745 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

 Our Ref. No. CL/CED/
 9625
 Dated:
 22/8/2022
 Test Specification

 Your Ref. No.
 2002 A/F
 Dated:
 22/4/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	BW Col. GF (1:1.5:3)	25	3	2022	6x6x6		8.2	36	73	4542		Non Engraved
2	BW Col. GF (1:1.5:3)	25	3	2022	6x6x6		8	36	75	4667		Non Engraved
3	BW Col. GF (1:1.5:3)	25	3	2022	6x6x6		8.2	36	69	4293		Non Engraved
4												
5						CINE	RING					
6						THE AD IN						
7						THE NAME  THY  LIORO WHO		<u>-</u>				
8					es	CREATES	3	_				
9							1	7				
10					(	-/A	INRTO					
11							I					
12												
13												
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
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To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

 Our Ref. No. CL/CED/
 9626
 Dated:
 22/8/2022
 Test Specification

 Your Ref. No.
 2003 A/F
 Dated:
 21/5/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition





Sr. 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)	011 (70)	
1	Squash Court Col to Plinth(1:1.5:3)	23	4	2022	6x6x6		8.6	36	106	6596		Non Engraved
2	Squash Court Col to Plinth(1:1.5:3)	23	4	2022	6x6x6		8.2	36	83	5164		Non Engraved
3	Squash Court Col to Plinth(1:1.5:3)	23	4	2022	6x6x6		8.4	36	81	5040		Non Engraved
4												
5						CHIE	RING					
6						C Imparati						
7						THE NAME  THY  LIGHT WHO						
8					52	CREATES	35 37	-				
9								<b>7</b>				
10					(	- LA	INR'T					
11							I					
12												
13												
14												
15												
16												

Witnessed by: Nil

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To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

 Our Ref. No. CL/CED/
 9627
 Dated:
 22/8/2022
 Test Specification

 Your Ref. No.
 2006 A/F
 Dated:
 01/07/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition





Sr. 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)	011 (70)	
1	Ware House Col to Plinth(1:1.5:3)	2	6	2022	6x6x6		8	36	73	4542		Non Engraved
2	Ware House Col to Plinth(1:1.5:3)	2	6	2022	6x6x6		8	36	55	3422		Non Engraved
3	Ware House Col to Plinth(1:1.5:3)	2	6	2022	6x6x6		7.8	36	63	3920		Non Engraved
4												
5						CINE	RING					
6						Tarania I						
7						THE NAME OF THY LIDED WHO		<u> </u>				
8						CREATES	10000	-				
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10					(	** LAI	INRE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

 Our Ref. No. CL/CED/
 9628
 Dated:
 22/8/2022
 Test Specification

 Your Ref. No.
 2001 A/F
 Dated:
 11/04/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 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	Squash Court Footing(1:2:4)	10	3	2022	6x6x6		8.2	36	110	6844		Non Engraved
2	Squash Court Footing(1:2:4)	10	3	2022	6x6x6		8.2	36	65	4044		Non Engraved
3	Squash Court Footing(1:2:4)	10	3	2022	6x6x6		8.2	36	61	3796		Non Engraved
4												
5						CINE	RING					
6						Clause W						
7						THE NAME  OF THY  LIGHT WHO	<u> </u>	<b>=</b>				
8					es	CREATES	3					
9								<b>7</b>				
10						-/A	INRE					
11							I					
12												
13												
14												
15												
16												

Witnessed by: Nil

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To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

 Our Ref. No. CL/CED/
 9629
 Dated:
 22/8/2022
 Test Specification

 Your Ref. No.
 2004 A/F
 Dated:
 01/06/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ware House Footing(1:2:4)	3	5	2022	6x6x6		8	36	67	4169		Non Engraved
2	Ware House Footing(1:2:4)	3	5	2022	6x6x6		8.2	36	96	5973		Non Engraved
3	Ware House Footing(1:2:4)	3	5	2022	6x6x6		8.4	36	67	4169		Non Engraved
4												
5						CANE	RING					
6						C Ingapia						
7						THE NAME  OF THY  LORD WHO	<u> </u>	<u> </u>				
8						CREATES	55.02					
9							7/2	7				
10					(	-/A	INRE .					
11							Ī					
12												
13												
14							-					
15												
16												

Witnessed by: Nil

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To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

Your Ref. No.

Our Ref. No. CL/CED/ 9630 Dated:

Dated: 23/6/2022

22/8/2022

Test Specification

(BS 1881-116)

### **COMPRESSION TEST REPORT**

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

2005 A/F

Specimens received on: 19/8/2022 Tested on: 22/8/2022 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	Squash Court PB (1:2:4)	24	5	2022	6x6x6		8.4	36	96	5973		Non Engraved
2	Squash Court PB (1:2:4)	24	5	2022	6x6x6		8.2	36	73	4542		Non Engraved
3	Squash Court PB (1:2:4)	24	5	2022	6x6x6		8.2	36	73	4542		Non Engraved
4												
5						CAINE	RING					
6						C Innapay						
7						THE NAME  OF THY  LORD WHO		<u></u>				
8					<mark>-</mark> 56	CREATES	3	<b>=</b>				
9												
10						-/A	IOR					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

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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 compressive strength

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3745 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

 Our Ref. No. CL/CED/
 9631
 Dated:
 22/8/2022
 Test Specification

 Your Ref. No.
 2007 A/F
 Dated:
 18/7/2022
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 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	Squash Court Col GF(1:1.5:3)	20	6	2022	6x6x6		8.6	36	120	7467		Non Engraved
2	Squash Court Col GF(1:1.5:3)	20	6	2022	6x6x6		7.8	36	51	3173		Non Engraved
3	Squash Court Col GF(1:1.5:3)	20	6	2022	6x6x6		8.4	36	83	5164		Non Engraved
4							-					
5			ł			CINE	RING					
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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.

3745 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

**Sub Division Ferozewala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3272/2020-21)

Phase-II Group No. 1

Our Ref. No. CL/CED/ 9632 Dated: 22/8/2022

Your Ref. No. 2008 A/F Dated: 20/7/2022 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition



**Test Specification** 



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	Ware House P. Beam(1:2:4)	23	6	2022	6x6x6		8.2	36	53	3298		Non Engraved
2	Ware House P. Beam(1:2:4)	23	6	2022	6x6x6		8.2	36	88	5476		Non Engraved
3	Ware House P. Beam(1:2:4)	23	6	2022	6x6x6		8.2	36	67	4169		Non Engraved
4												
5						allE	RINO					
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Witnessed by: Nil

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- 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.

3744 Dr. Umbreen

To: Executive Engineer (B&W)

Your Ref. No.

University of Veterinary & Animal Sciences, Lahore (M/S, M. Ashraf & Sons)

Project: Provision of Urgently Needed Male Hostel, Facilities at University of Veterinary and Animal

Sciences at Ravi Campus, Pattoki.

E.E.760

Our Ref. No. CL/CED/ 9633

Dated:

Dated:

22/8/2022

**Test Specification** 

10/08/2022 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 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	1st Floor (1:2:4)	8	7	2022	6x6x6		8.2	36	41	2551		Engraved
2	1st Floor (1:2:4)	8	7	2022	6x6x6		8.4	36	43	2676		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>

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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.

3744 Dr. Umbreen

To: Executive Engineer (B&W)

University of Veterinary & Animal Sciences, Lahore (M/S, M. Ashraf & Sons)

Project: Provision of Urgently Needed Male Hostel, Facilities at University of Veterinary and Animal

Dated:

Dated:

06/07/2022

Sciences at Ravi Campus, Pattoki

Our Ref. No. CL/CED/ 9634

Your Ref. No. E.E.748

22/8/2022 <u>Test Specification</u>

(BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ground Floor (1:2:4)	29	5	2022	6x6x6		8.4	36	47	2924		Engraved
2	Ground Floor (1:2:4)	29	5	2022	6x6x6		8.4	36	57	3547		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.

3746 Dr. Umbreen

To: Sub Divisional Officer

Your Ref. No.

**Building Sub Division, Hafizabad** 

Project: Upgradation of D.H.Q. Hospital Hafizabad (Group No. 1) Construction of Main Hospital Block No. 1

I/C Covered passage between Block No. 1 & Block No.2

1420/HZ

Our Ref. No. CL/CED/ 9635

Dated: 22/8/2022

Test Specification
(BS 1881-116)

Dated: 15/7/2022

**COMPRESSION TEST REPORT** 

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 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 Footing Beam(1:2:4)	22	6	2022	6x6x6		8	36	77	4791		Non Engraved
2	RCC Footing Beam(1:2:4)	22	6	2022	6x6x6		8	36	71	4418		Non Engraved
3	RCC Footing Beam(1:2:4)	22	6	2022	6x6x6		8	36	83	5164		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>

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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.

3746 Dr. Umbreen

To: Sub Divisional Officer

**Building Sub Division, Hafizabad** 

Project: Upgradation of D.H.Q. Hospital Hafizabad (Group No. 1) Construction of Main Hospital Block No. 1

I/C Covered passage between Block No. 1 & Block No.2

Our Ref. No. CL/CED/ 9636

Dated: 22/8/2022

Dated:

15/7/2022

Test Specification
(BS 1881-116)

Your Ref. No. 1421/HZ

#### COMPRESSION TEST REPORT

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

Specimens received on: 19/8/2022 Tested on: 22/8/2022 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)	22	6	2022	6x6x6		8.2	36	77	4791		Non Engraved
2	RCC Column (1:1.5:3)	22	6	2022	6x6x6		8.2	36	81	5040		Non Engraved
3	RCC Column (1:1.5:3)	22	6	2022	6x6x6		8.2	36	86	5351		Non Engraved
4	RCC Column (1:1.5:3)	22	6	2022	6x6x6		8.2	36	79	4916		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>

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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.

3741 Dr. Umbreen

To: Mr. Nabeel Abbas Habib, CEO

Habib Platinum Developers (Pvt) Ltd.

Project: Development of Gulshan-e-Habib Housing Society, Lahore

Our Ref. No. CL/CED/ 9637 Dated: 22/8/2022 <u>Test Specification</u>

Your Ref. No. GHHS/08-2022/0016 Dated: 17/8/2022

### **COMPRESSION TEST REPORT**

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

Specimens received on: 18/8/2022 Tested on: 22/8/2022 in dry/wet condition



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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	Edge Stone				4x4x4		3265	16	25	3500		Cut Cube
2	Edge Stone				4x4x4		3290	16	41	5740		Cut Cube
3	Edge Stone				4x4x4		3305	16	29	4060		Cut Cube
4							-					
5						CINE	RING					
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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>

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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.

3685 Dr. Umbreen

( ---- )

To: Eng. Muhammad Iqbal, Proprietor

For AR-Rafay Builders, Kutchery Road, Opp. Highway Office Judges Colony, Sailkot

Project: Nil

Our Ref. No. CL/CED/ 9638 22/8/2022 Dated: **Test Specification** 

Your Ref. No. Ar-Rafay Builders Lawyer /2022/03 Dated: 04/04/2022

### COMPRESSION TEST REPORT

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

Specimens received on: 05/08/2022 Tested on: 22/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	G*S				8.3 x 4 x 2.1	2895	2580	33.2	37	2496	12.21	
2	G*S				8.3 x 4 x 2.6	2960	2640	33.2	35	2361	12.12	
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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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- 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.

> 3557 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader

G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore.

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No.

7126) UC No. 62 (6/1AL)

Your Ref. No.

Our Ref. No. CL/CED/ 9639

22/8/2022 Dated:

06/07/2022

**Test Specification** (BS 3921\*\*)

G3/0265/TPV/10 Dated:

#### COMPRESSION TEST REPORT

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

Specimens received on: 07/07/2022 Tested on: 22/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	AA				8.8 x 4.3 x 2.8	3255	2860	37.84	37	2190	13.81	Used Sample
2	AA				8.8 x 4.3 x 2.7	3230	2845	37.84	39	2309	13.53	Used Sample
3	AA				8.8 x 4.3 x 2.8	3505	3145	37.84	43	2545	11.45	Used Sample
4	AA				9 x 4.3 x 2.7	3195	2775	38.7	23	1331	15.14	Used Sample
5	AA				8.6 x 4.3 x 2.7	3330	3000	36.98	43	2605	11	Used Sample
6						The same		<b></b>				
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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>

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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.

3557 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader

G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No.

7126) UC No. 63 Larianwala

Your Ref. No.

Our Ref. No. CL/CED/ 9640

22/8/2022

Dated:

Test Specification

(BS 3921\*\*)

Dated: 06/07/2022

#### COMPRESSION TEST REPORT

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

G3/0265/TPV/9

Specimens received on: 07/07/2022 Tested on: 22/08/2022 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
М				8.5 x 4.2 x 2.8	3305	3030	35.7	41	2573	9.08	Used Sample
М				8.6 x 4.2 x 2.9	3680	3280	36.12	39	2419	12.2	Used Sample
М				8.4 x 4.1 x 2.9	3280	2975	34.44	31	2016	10.25	Used Sample
М				8.8 x 4.4 x 2.9	3630	3205	38.72	35	2025	13.26	Used Sample
М				8.8 x 4.2 x 2.8	3480	3140	36.96	45	2727	10.83	Used Sample
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	M M M M M M M M M M M M M M M M M M M	Mark*  DD  M  M  M  M   -	Mark*  DD MM  M  M  M  M	M M M	Mark*  DD MM YYYY (in)  M 8.5 x 4.2 x 2.8  M 8.6 x 4.2 x 2.9  M 8.8 x 4.4 x 2.9  M 8.8 x 4.4 x 2.9  M 8.8 x 4.2 x 2.8	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*    DD   MM   YYYY   (in)   (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight (in) (Kg/ gms) (Kg/ gms) (Sq. in)  M 8.5 x 4.2 x 2.8 3305 3030 35.7  M 8.6 x 4.2 x 2.9 3680 3280 36.12  M 8.4 x 4.1 x 2.9 3280 2975 34.44  M 8.8 x 4.4 x 2.9 3630 3205 38.72  M 8.8 x 4.2 x 2.8 3480 3140 36.96	Mark*	Mark*	Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in) (Imp.Tons)         Stress (psi) on (%) on (%) on (%)           M           8.5 x 4.2 x 2.8         3305         3030         35.7         41         2573         9.08           M           8.6 x 4.2 x 2.9         3680         3280         36.12         39         2419         12.2           M           8.4 x 4.1 x 2.9         3630         3205         38.72         35         2025         13.26           M           8.8 x 4.2 x 2.8         3480         3140         36.96         45         2727         10.83

#### Witnessed by:

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

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

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



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

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

3557 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader

G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No.

7126) UC No. 60 Akhtrabad

Your Ref. No.

Our Ref. No. CL/CED/ 9641

G3/0265/TPV/11

22/8/2022 Dated:

**Test Specification** 

( ---- )

06/07/2022 Dated:

### COMPRESSION TEST REPORT

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

Specimens received on: 07/07/2022 Tested on: 22/08/2022 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	PIA				8.8 x 4.2 x 2.8	3280	2890	36.96	35	2121	13.49	Used Sample
2	PIA				8.5 x 4 x 2.8	3040	2765	34	43	2833	9.95	Used Sample
3	PIA				8.7 x 4.2 x 2.9	3450	3035	36.54	41	2513	13.67	Used Sample
4	PIA				8.6 x 4.2 x 2.8	3260	2805	36.12	25	1550	16.22	Used Sample
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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)
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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)
- 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.

3557 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader

G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No.

7126) UC No. 64 Rajowala Tehsil Renala

Our Ref. No. CL/CED/ 9642

Your Ref. No.

22/8/2022 Dated:

**Test Specification** 

Dated:

06/07/2022

(BS 3921\*\*)

### COMPRESSION TEST REPORT

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

G3/0265/TPV/8

Specimens received on: 07/07/2022 Tested on: 22/08/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	AA				8.8 x 4.3 x 2.9	3415	2965	37.84	37	2190	15.18	Used Sample
2	AA				8.7 x 4.2 x 2.7	3245	2840	36.54	41	2513	14.26	Used Sample
3	AA				8.8 x 4.2 x 2.8	3295	2890	36.96	39	2364	14.01	Used Sample
4	AA				9 x 4.2 x 3	3390	2985	37.8	23	1363	13.57	Used Sample
5	AA				8.7 x 4.3 x 2.8	3310	2905	37.41	35	2096	13.94	Used Sample
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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 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.

3557 Dr. Umbreen

To: Mr. Shahzad Muneer, Team Leader

G3 Engineering Consultants (Pvt) Ltd. 57-M, Gulberg-III, Lahore

Project: Completion of Schemes under Community Development Programme in Sahiwal Division (GS No.

7126) Gojran 10/1AL, Chotta 4/1AL, 5/AL

Our Ref. No. CL/CED/ 9643

Your Ref. No.

Dated: 22/8/2022

**Test Specification** 

Dated: 06/07/2022

(BS 3921\*\*)

### **COMPRESSION TEST REPORT**

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

G3/0265/TPV/7

Specimens received on: 07/07/2022 Tested on: 22/08/2022 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
007				9 x 4.3 x 3	3580	3060	38.7	27	1563	16.99	Used Sample
007				8.8 x 4.3 x 2.9	3345	2870	37.84	23	1362	16.55	Used Sample
007				8.7 x 4.2 x 2.8	3450	3020	36.54	39	2391	14.24	Used Sample
007				8.7 x 4.2 x 2.9	3315	2865	36.54	33	2023	15.71	Used Sample
007				8.7 x 4.2 x 2.8	3330	2875	36.54	33	2023	15.83	Used Sample
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				60	CAEATES	10007					
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	007 007 007 007   	Mark*  DD  007  007  007  007	Mark*  DD MM  007  007  007  007	DD MM YYYY  007  007  007  007	Mark*  DD MM YYYY (in)  007 9 x 4.3 x 3  007 8.8 x 4.3 x 2.9  007 8.7 x 4.2 x 2.8  007 8.7 x 4.2 x 2.8  007 8.7 x 4.2 x 2.8  8.7 x 4.2 x 2.8	Mark*         Casting Date*         Size         Weight           007           9 x 4.3 x 3         3580           007           8.8 x 4.3 x 2.9         3345           007           8.7 x 4.2 x 2.8         3450           007           8.7 x 4.2 x 2.9         3315           007           8.7 x 4.2 x 2.8         3330	Mark*         Casting Date*         Size         Weight (Kg/ gms) (Kg/ gms)         Weight (Kg/ gms)           007           9 x 4.3 x 3         3580         3060           007           8.8 x 4.3 x 2.9         3345         2870           007           8.7 x 4.2 x 2.8         3450         3020           007           8.7 x 4.2 x 2.9         3315         2865           007           8.7 x 4.2 x 2.8         3330         2875	Mark* Casting Date* Size Weight (in) (Kg/ gms) (Kg/ gms) (Sq. in)  007 9 x 4.3 x 3 3580 3060 38.7  007 8.8 x 4.3 x 2.9 3345 2870 37.84  007 8.7 x 4.2 x 2.8 3450 3020 36.54  007 8.7 x 4.2 x 2.8 3330 2875 36.54  007 8.7 x 4.2 x 2.8 3330 2875 36.54	Mark*	Mark*	Mark*         Casting Date* DD MM YYYY         Size (in)         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in)         load (Imp.Tons)         Stress (psi)         Absorpti on (%)           007           9 x 4.3 x 3         3580         3060         38.7         27         1563         16.99           007           8.8 x 4.3 x 2.9         3345         2870         37.84         23         1362         16.55           007           8.7 x 4.2 x 2.8         3450         3020         36.54         39         2391         14.24           007           8.7 x 4.2 x 2.9         3315         2865         36.54         33         2023         15.71           007           8.7 x 4.2 x 2.8         3330         2875         36.54         33         2023         15.83 </td

#### Witnessed by:

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

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