

Our Ref. No. CL/CED/ 3456	Dated:	15-11-23	Test Specification
Your Ref. No. Nil	Dated:	14-11-23	(ASTM C39)

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

ens received on:	1	4-11	-23	Tested on:	14-1	1-23	in dry/wet	condition			je ka
Mark*		_		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)			Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
(3000 Psi)	6	11	2023	6Diax12		13.6	28.28	32	2535		Engraved
(3000 Psi)	6	11	2023	6Diax12		14.2	28.28	41	3248		Engraved
	Mark* (3000 Psi) (3000 Psi)	Mark*         Cas           DD         0           (3000 Psi)         6           (3000 Psi)         6                                                                                                                               -	Mark*         Casting           DD MM           (3000 Psi)         6         11           (3000 Psi)         6         11           (3000 Psi)         6         11           (3000 Psi)         6         11 <tr tr=""> <!--</td--><td>Mark*         Casting Date*           DD         MM YYYY           (3000 Psi)         6         11         2023                                                                                           </td><td>Mark*         Casting Date*         Size           DD         MM         YYYY         (in)           (3000 Psi)         6         11         2023         6Diax12                                                                                  </td><td>Mark*         Casting Date*         Size         Wet Weight Weight           DD         MM YYYY         (in)         (Kg/gms)           (3000 Psi)         6         11         2023         6Diax12                                                        </td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight           (3000 Psi)         6         11         2023         6Diax12          13.6           (3000 Psi)         6         11         2023         6Diax12          14.2               14.2          14.2                                                                               </td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section (Sq. in)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28                                                   </td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight (Kg/gms)         Dry Weight (Sq. in)         Area of X-Section (Imp.Tons)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28         32           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28         41              14.2         28.28         41              14.2         28.28         41                                                                </td><td>Mark*         <math>Casting Dide*</math>         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp.Tons)         Ultimate Stress (psi)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28         32         2535           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28         341         3248                                                                       </td><td>Mark*       <math>Castra Trestart office       Weight (Kg/gms)       Dry Weight (Kg/gms)       Area of X-Section (Introduction)       Ultimate Stress (psi)       Water Absorption (%)         (3000 Psi)       6       11       2023       6Diax12        13.6       28.28       32       2535          (3000 Psi)       6       11       2023       6Diax12        14.2       28.28       41       3248             14.2       28.28       41       3248             14.2       28.28       41       3248                                                         </math></td></tr>	Mark*         Casting Date*           DD         MM YYYY           (3000 Psi)         6         11         2023	Mark*         Casting Date*         Size           DD         MM         YYYY         (in)           (3000 Psi)         6         11         2023         6Diax12	Mark*         Casting Date*         Size         Wet Weight Weight           DD         MM YYYY         (in)         (Kg/gms)           (3000 Psi)         6         11         2023         6Diax12            (3000 Psi)         6         11         2023         6Diax12	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           (3000 Psi)         6         11         2023         6Diax12          13.6           (3000 Psi)         6         11         2023         6Diax12          14.2               14.2          14.2	Mark* $Casting Date*$ Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section (Sq. in)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28	Mark* $Casting Date*$ Size         Wet Weight (Kg/gms)         Dry Weight (Sq. in)         Area of X-Section (Imp.Tons)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28         32           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28         41              14.2         28.28         41              14.2         28.28         41	Mark* $Casting Dide*$ Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp.Tons)         Ultimate Stress (psi)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28         32         2535           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28         341         3248	Mark* $Castra Trestart office       Weight (Kg/gms)       Dry Weight (Kg/gms)       Area of X-Section (Introduction)       Ultimate Stress (psi)       Water Absorption (%)         (3000 Psi)       6       11       2023       6Diax12        13.6       28.28       32       2535          (3000 Psi)       6       11       2023       6Diax12        14.2       28.28       41       3248             14.2       28.28       41       3248             14.2       28.28       41       3248                                                         $
Mark*         Casting Date*           DD         MM YYYY           (3000 Psi)         6         11         2023           (3000 Psi)         6         11         2023           (3000 Psi)         6         11         2023           (3000 Psi)         6         11         2023	Mark*         Casting Date*         Size           DD         MM         YYYY         (in)           (3000 Psi)         6         11         2023         6Diax12           (3000 Psi)         6         11         2023         6Diax12           (3000 Psi)         6         11         2023         6Diax12           (3000 Psi)         6         11         2023         6Diax12	Mark*         Casting Date*         Size         Wet Weight Weight           DD         MM YYYY         (in)         (Kg/gms)           (3000 Psi)         6         11         2023         6Diax12            (3000 Psi)         6         11         2023         6Diax12	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           (3000 Psi)         6         11         2023         6Diax12          13.6           (3000 Psi)         6         11         2023         6Diax12          14.2               14.2          14.2	Mark* $Casting Date*$ Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section (Sq. in)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28	Mark* $Casting Date*$ Size         Wet Weight (Kg/gms)         Dry Weight (Sq. in)         Area of X-Section (Imp.Tons)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28         32           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28         41              14.2         28.28         41              14.2         28.28         41	Mark* $Casting Dide*$ Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Imp.Tons)         Ultimate Stress (psi)           (3000 Psi)         6         11         2023         6Diax12          13.6         28.28         32         2535           (3000 Psi)         6         11         2023         6Diax12          14.2         28.28         341         3248	Mark* $Castra Trestart office       Weight (Kg/gms)       Dry Weight (Kg/gms)       Area of X-Section (Introduction)       Ultimate Stress (psi)       Water Absorption (%)         (3000 Psi)       6       11       2023       6Diax12        13.6       28.28       32       2535          (3000 Psi)       6       11       2023       6Diax12        14.2       28.28       41       3248             14.2       28.28       41       3248             14.2       28.28       41       3248                                                         $				

#### Witnessed by: Mr. M. Shahid, CNIC 35202-7701085-7

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.



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

Specime	ens received on:	1	4-11	-23	Tested on:	14-1	1-23	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Α	26	10	2023	6Diax12		14	28.28	50	3960		Non Engraved
2	#1	1	11	2023	6Diax12		14	28.28	36	2851		Non Engraved
3	#2	1	11	2023	6Diax12		14	28.28	51	4040		Non Engraved
4	#3	1	11	2023	6Diax12		14.2	28.28	74	5861		Non Engraved
5	#4	1	11	2023	6Diax12		14.4	28.28	54	4277		Non Engraved
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#### Witnessed by: Mr. Shabbir Hussain, CNIC 35202-3165814-3

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)





6230 Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R) Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Landline: 042-99029245 & 042-99029202

Project: Gulberg City Centre.

 Our Ref. No. CL/CED/ 3458
 Dated:
 15-11-23
 Test Specification

 Your Ref. No.
 OCC/CPD/29/190
 Dated:
 14-11-23
 (ASTM C39)

Mobile: 0307-0496895

# **COMPRESSION TEST REPORT**

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan



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

Specim	ens received on:	1	4-11	-23	Tested on:	14-1	1-23	in dry/wet	t condition			jeskeg
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column (6000 Psi)	11	9	2023	6Diax12		14.2	28.28	70	5545		Non Engraved
2	Column (6000 Psi)	11	9	2023	6Diax12		14.4	28.28	90	7129		Non Engraved
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Witness	ed 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)





6230 Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R) Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Landline: 042-99029245 & 042-99029202

Project: Gulberg City Centre.

 Our Ref. No. CL/CED/ 3459
 Dated:
 15-11-23
 Test Specification

 Your Ref. No.
 OCC/CPD/29/191
 Dated:
 14-11-23
 (ASTM C39)

Mobile: 0307-0496895

# **COMPRESSION TEST REPORT**

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan



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

Specim	ens received on:	1	4-11	-23	Tested on:	14-1	1-23	in dry/wet	t condition			je skog
Sr. No.	Mark*	Cas DD		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column (6000 Psi)	16	9	2023	6Diax12		14.2	28.28	64	5069		Non Engraved
2	Column (6000 Psi)	16	9	2023	6Diax12		14.8	28.28	79	6257		Non Engraved
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Witness	ed 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.





6230 Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R) Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Landline: 042-99029245 & 042-99029202

Project: Gulberg City Centre.

 Our Ref. No. CL/CED/ 3460
 Dated:
 15-11-23
 Test Specification

 Your Ref. No.
 OCC/CPD/30/193
 Dated:
 14-11-23
 (ASTM C39)

Mobile: 0307-0496895

# **COMPRESSION TEST REPORT**

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan



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

Specim	ens received on:	1	4-11	-23	Tested on:	14-1	1-23	in dry/wet	t condition			jeskeg
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(6000 Psi)	15	10	2023	6Diax12		14	28.28	78	6178		Non Engraved
2	(6000 Psi)	15	10	2023	6Diax12		14.4	28.28	97	7683		Non Engraved
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Witness	sed 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 comprerssive 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)





6230 Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R) Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Landline: 042-99029245 & 042-99029202

Project: Gulberg City Centre.

 Our Ref. No. CL/CED/ 3461
 Dated:
 15-11-23
 Test Specification

 Your Ref. No.
 OCC/CPD/29/192
 Dated:
 14-11-23
 (ASTM C39)

Mobile: 0307-0496895

# **COMPRESSION TEST REPORT**

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan



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

Specimens received on: 14-11-2			-23	Tested on:	14-1	1-23	in dry/we	t condition		Ċ	jesseg	
Sr. No.	Mark*	Cas DD	•	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Column (6000 Psi)	12	10	2023	6Diax12		14.2	28.28	112	8871		Non Engraved
2	Column (6000 Psi)	12	10	2023	6Diax12		14	28.28	107	8475		Non Engraved
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Witness	sed 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)





6230 Dr. M. Yousaf

To: Engr. Major Zia-ul-Islam (R) Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Landline: 042-99029245 & 042-99029202

Project: Gulberg City Centre.

 Our Ref. No. CL/CED/ 3462
 Dated:
 15-11-23
 Test Specification

 Your Ref. No.
 OCC/CPD/30/195
 Dated:
 14-11-23
 (ASTM C39)

Mobile: 0307-0496895

# **COMPRESSION TEST REPORT**

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan



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

Specimens received on: 14-11-2			-23	Tested on:	14-1	11-23	in dry/we	t condition		Ë	jestegi	
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Shear Wall	DD		YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		- (,	
1	(6000 Psi)	7	11	2023	6Diax12		14	28.28	109	8634		Non Engraved
2	Shear Wall (6000 Psi)	7	11	2023	6Diax12		14	28.28	85	6733		Non Engraved
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Witness	sed 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 comprerssive 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)





Plain and Reinforced Concrete Laboratory Civil Engineering Department

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



To: Mr. Shahzad Khaleeq Awan

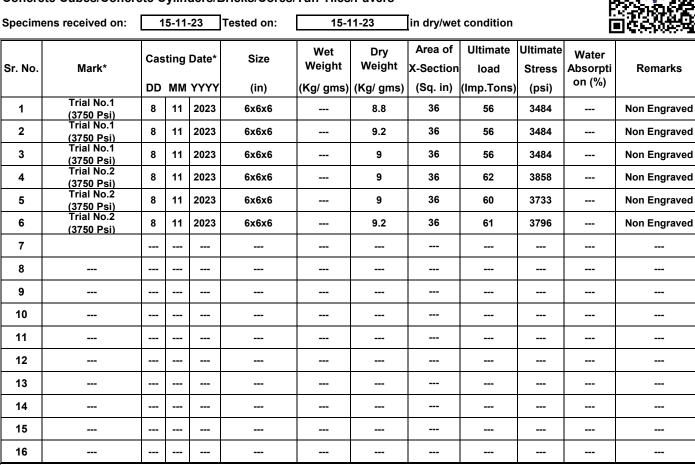
Sr. Manager Projects, Izhar Construction (Pvt) Ltd.

Project: Construction of 36.5 MW CFPP Plant at Mughal Steel Sheikhupura.

Our Ref. No. CL	/CED/ 3463	Dated:	15-11-23	Test Specification
Your Ref. No.	0682/ICPL/15/11/2023/T-003	Dated:	15-11-23	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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



#### 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)

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

ORIGINAL

6241 Dr. M. Yousaf





 Our Ref. No. CL/CED/
 3464
 Dated:
 15-11-23

 Your Ref. No.
 Az/Pro/004
 Dated:
 04-11-23

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	8-11	-23	Tested on:	15-1	1-23	in dry/wet	condition			i esteri
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	Grid-1/ Line-C (Column)	28	9	2023	6Diax12		14	28.28	32	2535		Non Engraved
2	Grid-1/ Line-C (Column)	28	9	2023	6Diax12		14.2	28.28	34	2693		Non Engraved
3	Grid-1/ Line-C (Column)	28	9	2023	6Diax12		14	28.28	36	2851		Non Engraved
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Witness	sed by:											

#### Witnessed by:

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

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

### Director/Dy. Director Concrete Laboratory

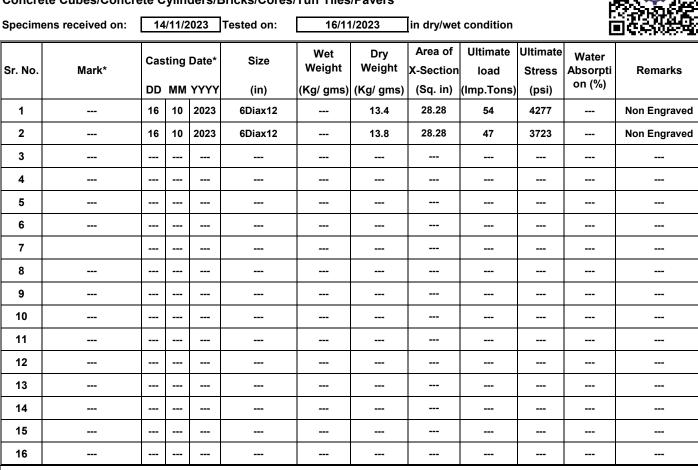
Test Specification

(ASTM C39)



Our Ref. No. CL/CED/	3465	Dated:	16/11/2023	Test Specification
Your Ref. No. Nil		Dated:	14/11/2023	(ASTM C39)

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



#### Witnessed by:

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

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

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

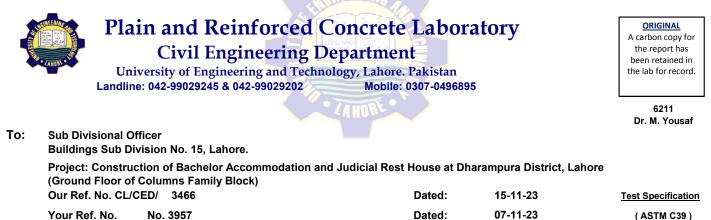
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

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

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

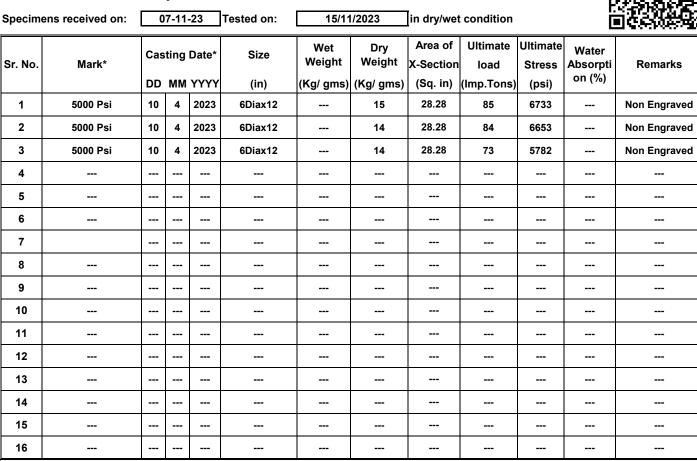
2. The test results are recommended to be interpreted in the light of above factors by the engineer.



#### Your Ref. No. No. 3957

### **COMPRESSION TEST REPORT**

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



#### Witnessed by:

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

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

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

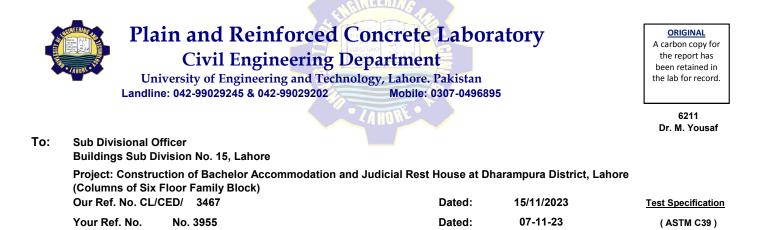
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

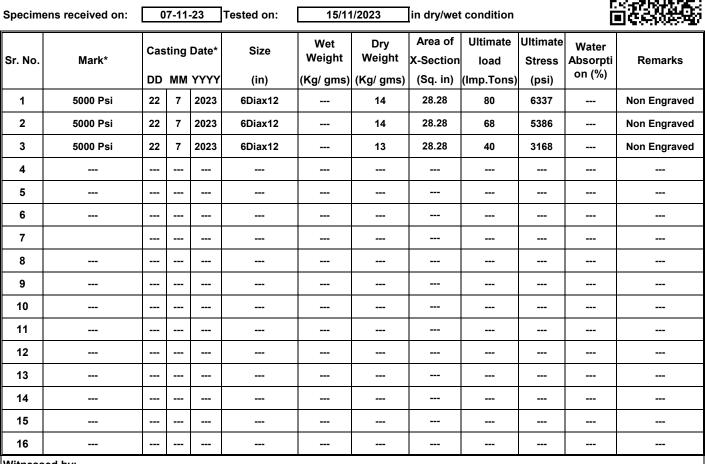
Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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



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



#### Witnessed by:

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

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

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

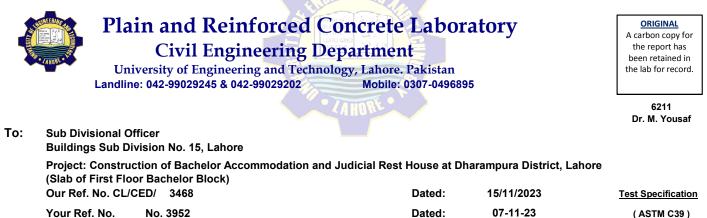
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

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

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

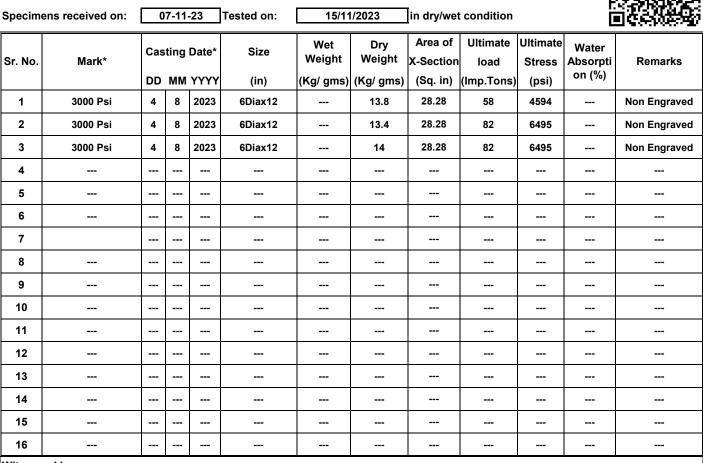
2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Your Ref. No. No. 3952

### COMPRESSION TEST REPORT

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



#### Witnessed by:

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

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

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

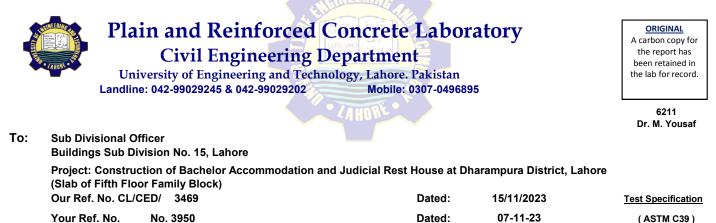
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

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

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

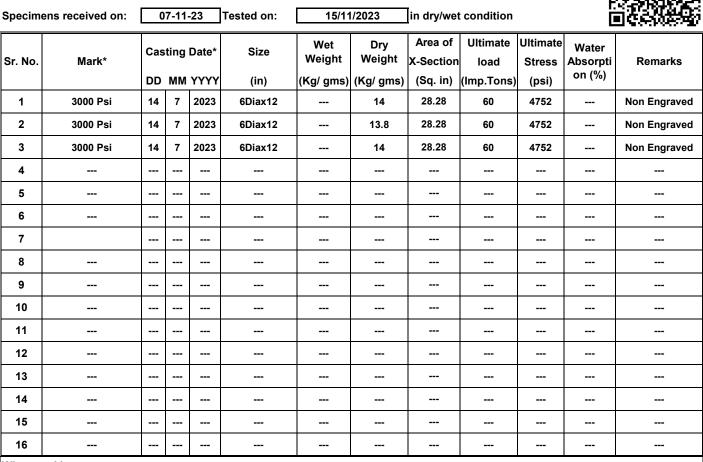
2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Your Ref. No. No. 3950

### **COMPRESSION TEST REPORT**

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



#### Witnessed by:

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

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

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

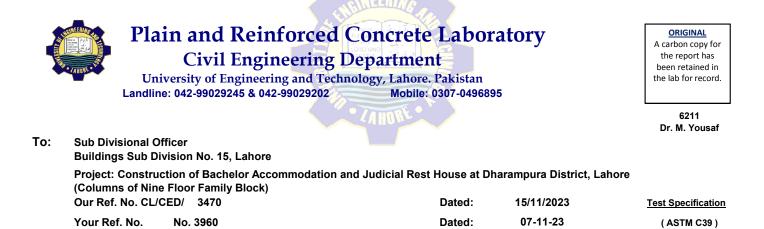
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

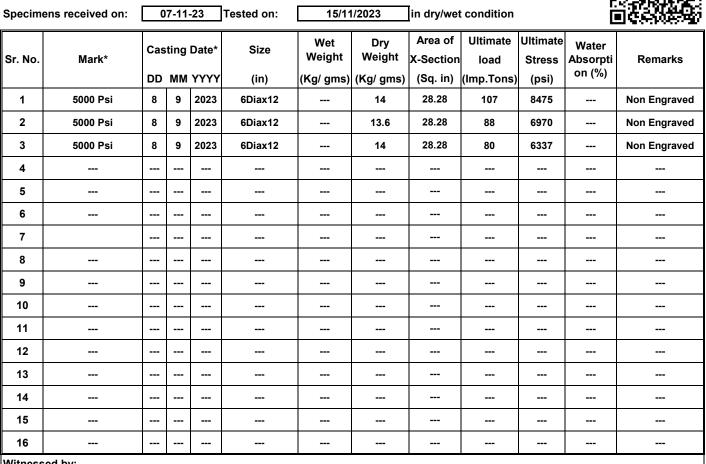
Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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



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



#### Witnessed by:

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

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

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

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

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

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

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



**Civil Engineering Department** 

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



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

ORIGINAL

6217 Dr. Ubaid

**Test Specification** 

(ASTM C39)

#### To: **Assistant Engineer (Civil)**

Building and Works Department, University of Engineering and Technology Lahore Project: Construction of Upper Floor of Existing Building of the Department of Computer Science, Main Campus UET Lahore. Our Ref. No. CL/CED/ 3471 Dated: 15-11-23 Your Ref. No. B&W/ECSCE/18 Dated: 08-11-23

# COMPRESSION TEST REPORT



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

Specim	ens received on:	8	/11/2	023	Tested on:	15/11	/2023	in dry/wet	condition			jesne g
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3)	10	10	2023	6Diax12		13.8	28.28	41	3248		Engraved
2	(1:1.5:3)	10	10	2023	6Diax12		13.8	28.28	40	3168		Engraved
3	(1:1.5:3)	10	10	2023	6Diax12		14	28.28	37	2931		Engraved
4										-	-	
5										-	-	
6												
7												
8												
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11												
12												
13												
14												
15												
16												
Witness	ed by:											

#### ninessed by

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

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

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

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

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

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

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

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



**Civil Engineering Department** 

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



Dated:

Dated:

15/11/2023

08-11-23

To: Meezan Developers, Concept to Creation Main Boulevard Jubilee Town, Lahore.

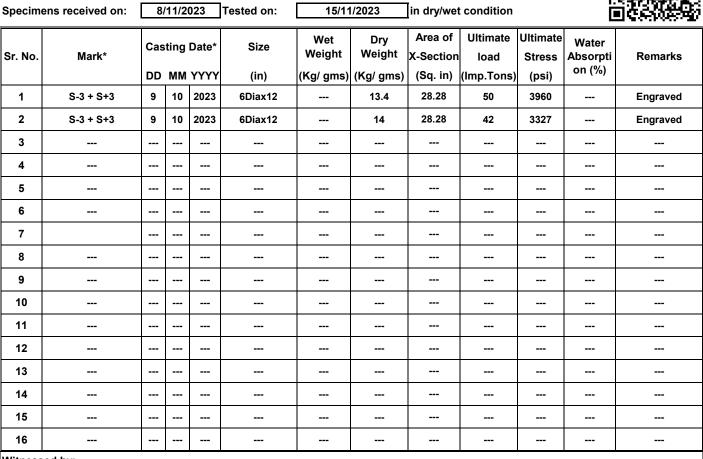
Project: Construction of Jamia tur Rasheed Lahore Campus.

Our Ref. No. CL/CED/	3472	

Your Ref. No. Nil

# **COMPRESSION TEST REPORT**

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



#### Witnessed by:

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

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

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

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

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

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

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

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

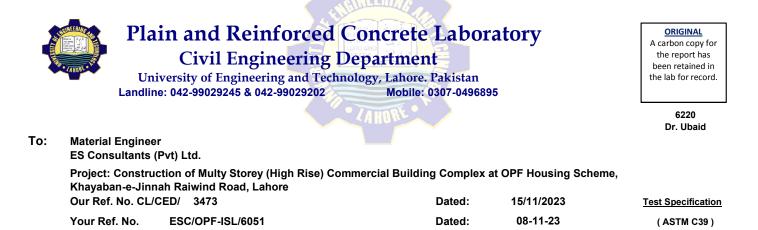
ORIGINAL A carbon copy for the report has been retained in the lab for record.

> 6215 Dr. Ubaid

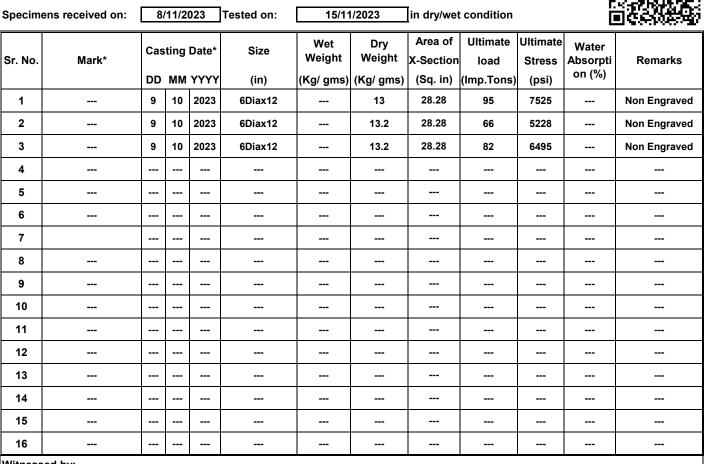


**Test Specification** 

(ASTM C39)



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



#### Witnessed by:

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

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

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

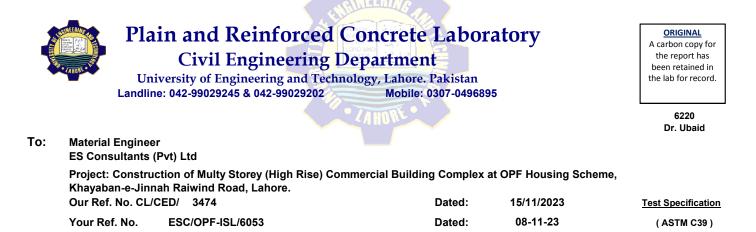
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

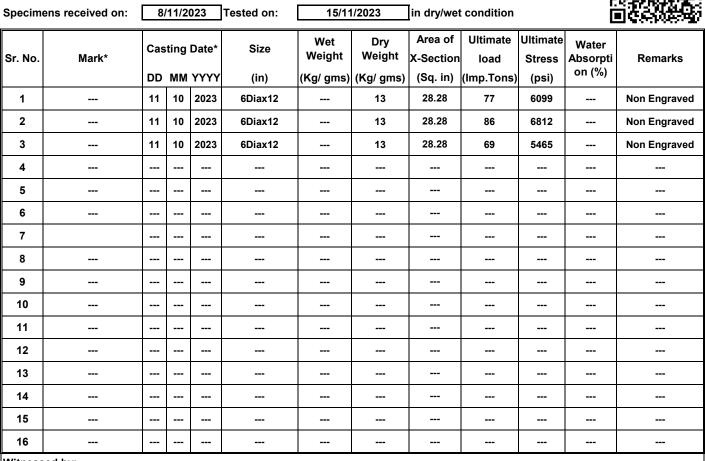
Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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



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



#### Witnessed by:

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

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

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

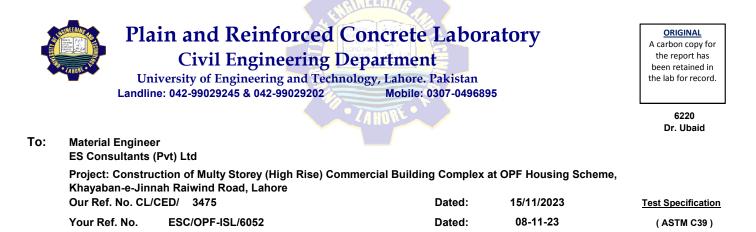
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

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

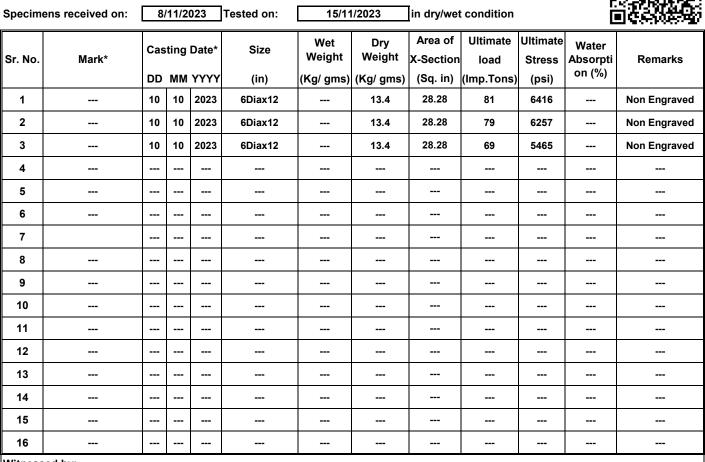
Note: Above results pertain to the unsealed samples supplied to the laboratory

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

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



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



#### Witnessed by:

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

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

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

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

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

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

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

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



**Civil Engineering Department** 

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



Dated:

Dated:

15/11/2023

13/11/2023

To: Engr. Mr. Muhammad Jamil, SAM Project, Azgard Nine Limited

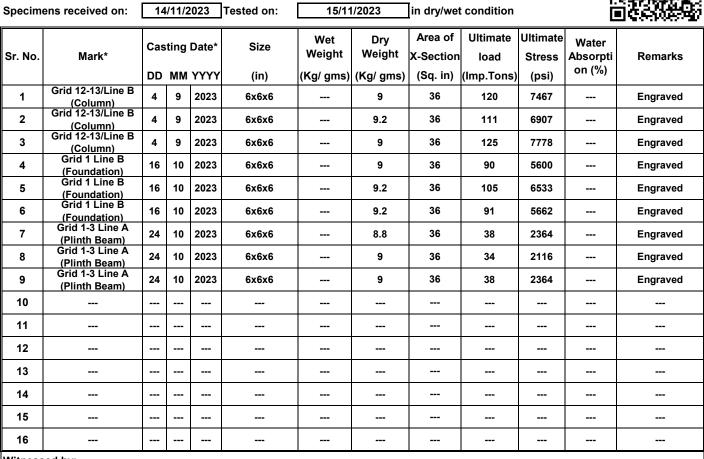
Project: Rehabilitation of Dryer Hall Azgard9 Limited.

Our Ref. No. CL/CED/ 3476

Your Ref. No. Az/Pro/005

## **COMPRESSION TEST REPORT**

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



#### Witnessed by:

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

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

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

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

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

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

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

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

<u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

6232 Dr. M. Yousaf

(BS 1881-116)

**Test Specification** 



**Civil Engineering Department** 

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



Dated:

Dated:

15/11/2023

13/11/2023

To: Engr. Mr. Muhammad Jamil, SAM Project, Azgard Nine Limited

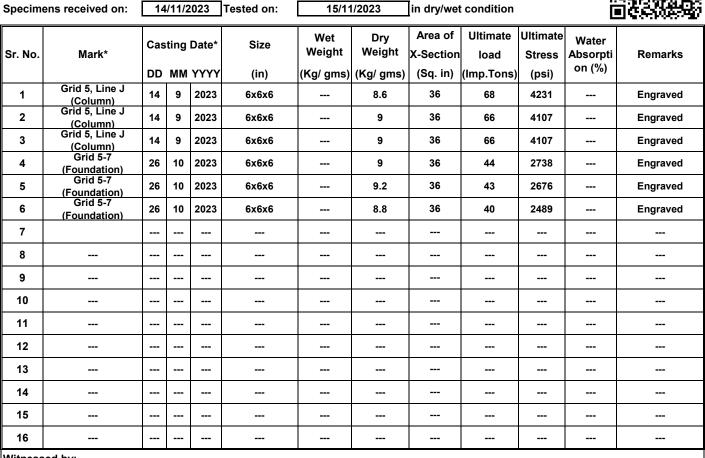
Project: Rehabilitation of Resin Hall Azgard9 Limited

Our Ref. No. CL/CED/ 3477

Your Ref. No. Az/Pro/006

## **COMPRESSION TEST REPORT**

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



#### Witnessed by:

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

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

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

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

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

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

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

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



<u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

6232 Dr. M. Yousaf

**Civil Engineering Department** 

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

To: CW Manager

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3478

Your Ref. No. Nil

## **COMPRESSION TEST REPORT**

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

Specim	pecimens received on: 8/11/202			023	Tested on:	15/11	/2023	in dry/wet	condition			jesteg
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
1	N-3468 (1:1.5:3 &	19	9	2023	(in) 6x6x6	(Kg/ gms) 	(Kg/ gms) 8.8	(Sq. iii) 36	(Imp.Tons) 97	(psi) 6036		Non Engraved
2	<u>1:4:8)</u> N-3468 (1:1.5:3 &	19	9	2023	6x6x6		9	36	114	7093		Non Engraved
3	1:4:8)											
4												
5												
6												
7												
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11												
12												
13												
14												
15												
16												
Witness	ed by:											

Dated:

Dated:

15/11/2023

Nil

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

1.  $^{\star}$  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.





6219 Dr. M. Yousaf

Test Specification (BS 1881-116)



**Civil Engineering Department** 

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

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3479

Your Ref. No. Nil

# COMPRESSION TEST REPORT

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

Specim	ens received on:	8/	11/2	023	Tested on:	15/11	/2023					iester i
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3321 (1:1.5:3 & 1:4:8)	17	9	2023	6x6x6		8.6	36	105	6533		Non Engraved
2	N-3321 (1:1.5:3 & 1:4:8)	17	9	2023	6x6x6		8.4	36	76	4729		Non Engraved
3												
4												
5										-		
6												
7												
8										-		
9												
10												
11												
12												
13												
14												
15												
16												
Witness	ed by:											

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

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

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

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

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

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

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

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







6219

Dr. M. Yousaf

**Test Specification** 

(BS 1881-116)

15/11/2023 Nil

**Director/Dy. Director Concrete Laboratory** 

Dated:

Dated:

**Civil Engineering Department** 

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

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column & DG Our Ref. No. CL/CED/ 3480

Your Ref. No. Nil

# COMPRESSION TEST REPORT

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

Specim	ens received on:	8/	/11/2	023	Tested on:	15/11	/2023	in dry/wet	t condition		г. [	jeste g
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	53696 (1:1.5:3 & 1:4:8)	12	9	2023	6x6x6		8.8	36	138	8587		Non Engraved
2	53696 (1:1.5:3 & 1:4:8)	12	9	2023	6x6x6		8.6	36	128	7964		Non Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witness	ed by:											

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

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

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

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

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

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

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

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







6219



Dated:

Dated:

15/11/2023

Nil

**Test Specification** (BS 1881-116)

Dr. M. Yousaf

**Civil Engineering Department** 

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

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3481

Your Ref. No. Nil

## COMPRESSION TEST REPORT

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

Specim	ens received on:	8	/11/2	023	Tested on:	15/11	/2023	in dry/we	t condition		C	je sterij
Sr. No.	Mark*		Casting Date* DD MM YYYY		Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	N-3417 (1:1.5:3 &			r	(in)		(Kg/ gms)		(Imp.Tons)			
1	<u>1:4:8)</u> N-3417 (1:1.5:3 &	29	9	2023	6x6x6		8.8	36	60	3733		Non Engraved
2	1:4:8)	29	9	2023	6x6x6		8.6	36	98	6098		Non Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
Witness	ed by:											

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

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

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

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

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

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

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

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







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

6219

Dr. M. Yousaf

**Test Specification** 

(BS 1881-116)

Nil

**Director/Dy. Director Concrete Laboratory** 

Dated:

Dated:

15/11/2023

# **Director/Dy. Director Concrete Laboratory**

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3482

Your Ref. No. Nil

# **COMPRESSION TEST REPORT**

Plain and Reinforced Concrete Laboratory

Mobile: 0307-0496895

Dated:

Dated:

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan

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

Specim	ens received on:	8/	8/11/2023 Tested on: 15/11/2023 in dry/wet condition								itsieg	
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	N-3194 (1:1.5:3 & 1:4:8)	24	9	2023	6x6x6		9	36	124	7716		Non Engraved
2	N-3194 (1:1.5:3 & 1:4:8)	24	9	2023	6x6x6		8.4	36	98	6098		Non Engraved
3												
4												
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7												
8										-		
9										-		
10										-		
11												
12										-		
13												
14												
15												
16												
Witness	ed by:											



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

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

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

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

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

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

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

Landline: 042-99029245 & 042-99029202

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

> 6219 Dr. M. Yousaf

15/11/2023 Nil

**Test Specification** (BS 1881-116)



**Civil Engineering Department** 

Plain and Reinforced Concrete Laboratory

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

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3483

Your Ref. No. Nil

## COMPRESSION TEST REPORT

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

Specim	ens received on:	8	/11/2	023	Tested on:	15/11	/2023				Ĺ	jesteg
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	N-3459 (1:1.5:3 &	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)			
1	1:4:8)	28	9	2023	6x6x6		9	36	76	4729		Non Engraved
2	N-3459 (1:1.5:3 & 1:4:8)	28	9	2023	6x6x6		9	36	105	6533		Non Engraved
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15												
16												
Witness	ed by:											

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

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

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

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

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

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

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

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



**Test Specification** 

(BS 1881-116)



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

6219 Dr. M. Yousaf

Dated:

Dated:

15/11/2023

Nil

# **Director/Dy. Director Concrete Laboratory**

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

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

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

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

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

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

	DD	ΜМ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	
N-3465 (1:1.5:3 & 1:4:8)	29	9	2023	6x6x6		8.8	36	115	7156	
N-3465 (1:1.5:3 & 1:4:8)	29	9	2023	6x6x6		8.6	36	116	7218	
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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)

Wet

Weight

15/11/2023

Dry

Weight

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# COMPRESSION TEST REPORT

Size

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

Casting Date\*

8/11/2023 Tested on:

Dated:

Project: Raft, Column, DG & Solar

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Landline: 042-99029245 & 042-99029202

Our Ref. No. CL/CED/ 3484

Your Ref. No. Nil

**CW Manager** 

Specimens received on:

Mark\*

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan

15/11/2023

Dated:

in dry/wet condition

Ultimate

load

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Ultimate

Stress

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Area of

X-Section

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Nil

Mobile: 0307-0496895

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

ORIGINAL

6219 Dr. M. Yousaf

(BS 1881-116)

# **Test Specification**



Remarks

Non Engraved

Non Engraved

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To:

Sr. No.

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Witnessed by:





Water

Absorpti

on (%)

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Plain and Reinforced Concrete Laboratory **Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan

Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3485

Your Ref. No. Nil

# COMPRESSION TEST REPORT

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

Specim	ens received on:	8/	/11/2	023	Tested on:	15/11	/2023	in dry/wet condition				je slego
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0.1 (70)	
1	N-3470 (1:1.5:3 & 1:4:8)	28	9	2023	6x6x6		9.2	36	115	7156		Non Engraved
2	N-3470 (1:1.5:3 & 1:4:8)	28	9	2023	6x6x6		8.6	36	95	5911		Non Engraved
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Witness	ed by:											

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

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

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

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

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

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

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

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



**Test Specification** 

(BS 1881-116)

ORIGINAL A carbon copy for the report has been retained in

the lab for record.

6219 Dr. M. Yousaf

Dated:

Dated:

15/11/2023

Nil



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

**Civil Engineering Department** 

Plain and Reinforced Concrete Laboratory

#### To: **CW Manager**

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3486

Your Ref. No. Nil

### **COMPRESSION TEST REPORT**

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

Specim	ecimens received on: 8/11/20				Tested on:	15/11	/2023	in dry/wet	condition		г. [	jeste g
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	N-3461 (1:1.5:3 &			YYYY	(in)		(Kg/ gms)		(Imp.Tons)			
1	1:4:8)	30	9	2023	6x6x6		8.4	36	115	7156		Non Engraved
2	N-3461 (1:1.5:3 & 1:4:8)	30	9	2023	6x6x6		8.4	36	130	8089		Non Engraved
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Witness	ed by:											

Dated:

Dated:

15/11/2023

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.





6219 Dr. M. Yousaf

**Test Specification** (BS 1881-116)



**Civil Engineering Department** 

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

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3487

Your Ref. No. Nil

## COMPRESSION TEST REPORT

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

Specim	ens received on:									iester		
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3460 (1:1.5:3 & 1:4:8)	3	10	2023	6x6x6		8.4	36	82	5102		Non Engraved
2	N-3460 (1:1.5:3 & 1:4:8)	3	10	2023	6x6x6		8.6	36	108	6720		Non Engraved
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Witness	ed by:					-						

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

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

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

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

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

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

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

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







6219 Dr. M. Yousaf

Dated: Dated:

15/11/2023

Nil

**Test Specification** (BS 1881-116)



**Civil Engineering Department** 

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

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3488

Your Ref. No. Nil

## COMPRESSION TEST REPORT

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

Specim	ens received on:	8/	/11/2	023	Tested on:	15/11	/2023					jester (
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
	N-3387 (1:1.5:3 &	DD	r	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		0.1.(70)	
1	1:4:8) N-3387 (1:1.5:3 &	4	10	2023	6x6x6		8.8	36	120	7467		Non Engraved
2	N-3387 (1:1.5:3 & 1:4:8)	4	10	2023	6x6x6		8.8	36	87	5413		Non Engraved
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Witness	ed by:											

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

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

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

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

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

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

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

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









6219 Dr. M. Yousaf

(BS 1881-116)

15/11/2023 Nil

Dated:

Dated:

**Test Specification** 

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3489

Your Ref. No. Nil

### COMPRESSION TEST REPORT

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

Specim	ens received on:	8/	11/2	023	Tested on:	15/11	/2023	in dry/we	t condition		Ċ	jesseg
Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	N-3463 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6		8.6	36	100	6222		Non Engraved
2	N-3463 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6		8.8	36	109	6782		Non Engraved
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Witness	ed by:											

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

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

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

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

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

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

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

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



Plain and Reinforced Concrete Laboratory

Dated:

Dated:

15/11/2023

Nil

**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.

6219 Dr. M. Yousaf

**Test Specification** 

(BS 1881-116)





Plain and Reinforced Concrete Laboratory **Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan

Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

#### To: **CW Manager**

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3490

Your Ref. No. Nil

### **COMPRESSION TEST REPORT**

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

8/11/2023 Tested on: Specimens received on: 15/11/2023 in dry/wet condition Area of Ultimate Ultimate Wet Dry Water Casting Date\* Size Weight Weight Sr. No. Mark\* X-Section Stress Absorpti Remarks load on (%) DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (psi) N-3147 (1:1.5:3 & 1 6 10 2023 6x6x6 8 36 110 6844 Non Engraved ----<u>1:4:8)</u> N-3147 (1:1.5:3 & 2 6 2023 10 6x6x6 36 6969 Non Engraved ---9 112 ----1:4:8) 3 ---------\_\_\_ ---------------4 ----------------------------------------5 ---------------------------------------6 ------------------------------------7 --------------------------------8 ------------------------------------9 ------10 -------------------------------------11 ---------------------------12 ---------------------------------------13 -------------------------------------14 -------------------------------------15 --------------------------------16 ---------------------\_\_\_ ------

#### Witnessed by:

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

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

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

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

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







6219 Dr. M. Yousaf

Nil

Dated:

Dated:

15/11/2023

**Test Specification** 

(BS 1881-116)



**Civil Engineering Department** 

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

To: **CW Manager** 

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft, Column, DG & Solar Our Ref. No. CL/CED/ 3491

Your Ref. No. Nil

## COMPRESSION TEST REPORT

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

Specim	ens received on:	8/	11/2	023	Tested on:	15/11/2023		in dry/wet condition					
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks	
1	N-3123 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6		8.6	36	118	7342		Non Engraved	
2	N-3123 (1:1.5:3 & 1:4:8)	7	10	2023	6x6x6		9	36	90	5600		Non Engraved	
3													
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9													
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14													
15													
16													
Witness	ed by:	Witnessed by:											

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

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

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

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

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

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

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

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



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

6219 Dr. M. Yousaf

**Test Specification** 

(BS 1881-116)

Dated:

Dated:

15/11/2023

Nil



# Plain and Reinforced Concrete Laboratory Civil Engineering Department

Dated:

Dated:

15/11/2023

Nil

University of Engineering and Technology, Lahore. Pakistan

Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

### To: CW Manager

ARCON, Office # 703, 7th Floor, Khudadad Heights, E-11, Islamabad

Project: Raft & Column Our Ref. No. CL/CED/ 3492

Your Ref. No. Nil

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	eceived on: 8/11/2023 Tested on: 15/11/2023 in dry/wet condition				C	jesneg					
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N-3414 (1:1.5:3 & 1:4:8)	13	10	2023	6x6x6		(rtg/ gills) 8	36	59	(psi) 3671		Non Engraved
2	N-3414 (1:1.5:3 & 1:4:8)	13	10	2023	6x6x6		8.4	36	99	6160		Non Engraved
3												
4												
5												
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9												
10												
11												
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14												
15												
16												
Witness	ed by:											

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

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.







Test Specification (BS 1881-116)





**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.

6212 Dr. M. Yousaf

**Test Specification** 

(----)

To: Mr. Asim Chiragh

Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd. Project: Widening / Improvement of Manga Raiwind Road, Length 18.00 KM (Working Length = 15.50-KM) District Lahore. Our Ref. No. CL/CED/ 3493 Dated: 15/11/2023 Your Ref. No. 3811/103/ADP-23/AC/183 Dated: 03-11-23

# COMPRESSION TEST REPORT



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

Specim	ens received on:	0	7-11	-23	Tested on:	15/11	1/2023	in dry/wet condition				je slegi
Sr. No.	Mark*		-	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	Kerb Stone				6 x 6 x 5.9		8.2	36	86	5351		Cut Cube
2	Kerb Stone				6 x 6 x 5.9		8.4	36	34	2116		Cut Cube
3	Kerb Stone				6 x 5.9 x 5.9		8.4	35.4	52	3290		Cut Cube
4												
5						N THINE	RING A					
6					>	READ IN	2071					
7						OF THY HORD WHO CREATES	زیجی ان کی خلق ر	£2				
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9								~				
10						LA	IOR <u>E.</u>					
11												
12												
13												
14												
15												
16												
Witness	sed by:											

#### witnessea by:

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

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Supervisor (Lab)



To:

# 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.

6205 Dr. M. Yousaf

Mr. Muhammad	ljaz			
Resident Engin	eer, AZ Engineering Associates (AZEA) Mian	wali		
Project: Re-Cor Isakhel District	nstruction / Construction / W/I of Road From Mianwali.	Kalabagh to Kot Char	ndna Length 3.6 KM T	ehsil
Our Ref. No. CL	./CED/ 3494	Dated:	15/11/2023	Test Specification
Your Ref. No.	AZEA/MWL/City/LAB/23/0132	Dated:	17/10/2023	( )

# COMPRESSION TEST REPORT



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

Specim	ens received on:	0	7-11	-23	Tested on:	15/11	/2023	in dry/we	t condition			1231296
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.2		3780	30.42	108	7953		
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3		3550	29.64	95	7179		
3	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3585	30.42	111	8174		
4												
5					<	STATINE	RINT					
6					- /	KEAU IN	207	<u> </u>				
7						OF THY CREATES	رتجب الدمي خلق ر					
8					- 48			5				
9						200-		<b>N</b>				
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Witness	sed by:											

#### witnessea by:

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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.



# Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

6118 Dr. M. Yousaf

### To: Mr. Muhammad Ahsan Ali

Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.

Project: Infrastructure Development at Chahar Bagh Under Ravi RiverFront Urban Development Project.

Our Ref. No. CL	/CED/ 3495	Dated:	15/11/2023	Test Specification
Your Ref. No.	4559/13/MAA/09/223	Dated:	23/10/2023	( BS 3921** )

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	0	3-11	-23	Tested on:	15/11	/2023	in dry/wet	t condition			jestegi
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	ABC				8.9 x 4.2 x 3	3895	3390	37.38	48	2876	14.9	
2	ABC				9 x 4.2 x 2.9	3710	3205	37.8	49	2904	15.76	
3	ABC				8.9 x 4.2 x 3	3920	3440	37.38	46	2757	13.95	
4	ABC				8.9 x 4.3 x 3	3885	3400	38.27	48	2810	14.26	
5	ABC				8.9 x 4.2 x 2.9	3825	3315	37.38	46	2757	15.38	
6	ABC				9 x 4.1 x 2.9	3600	3240	36.9	48	2914	11.11	
7	ABC				8.8 x 4.2 x 2.8	3710	3235	36.96	48	2909	14.68	
8	ABC				8.8 x 4.2 x 2.8	3515	3175	36.96	50	3030	10.71	
9	ABC				8.8 x 4.2 x 2.9	3580	3225	36.96	50	3030	11.01	
10	ABC				8.9 x 4.3 x 2.9	3790	3345	38.27	43	2517	13.3	
11	ABC				8.9 x 4.3 x 2.8	3735	3240	38.27	50	2927	15.28	
12	ABC				8.8 x 4.2 x 2.9	3695	3270	36.96	48	2909	13	
13												
14												
15												
16												
Witness	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.

Supervisor (Lab)



**Civil Engineering Department** 

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

6207 Dr. M. Yousaf

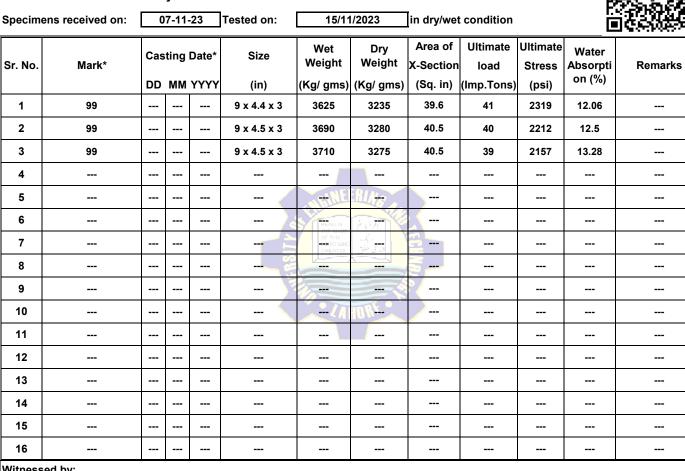
To: Mr. Awais Butt

Z & A Builders, Allama Iqbal Town, Lahore.

Project: DHA LAHORE			
Our Ref. No. CL/CED/ 3496	Dated:	15/11/2023	Test Specification
Your Ref. No. Nil	Dated:	07-11-23	( )

# COMPRESSION TEST REPORT

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



#### Witnessed by:

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

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