

**Civil Engineering Department** 

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

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

2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil		
Our Ref. No. CL/CED/ 6538	Dated:	03-12-21
Your Ref. No. IHPL/Con/496	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
8000 Psi (4)	7	10	2021	6Diax12	(rtg/ gills) 	(rtg/ gills) 15	28.28	146	(psi) 11564		Non Engraved
8000 Psi (5)	7	10	2021	6Diax12		14.6	28.28	156	12356		Non Engraved
8000 Psi (7)	7	10	2021	6Diax12		14	28.28	166	13149		Non Engraved
										I	
										1	
										-	
										1	
		-									
	Mark*  8000 Psi (4)  8000 Psi (5)  8000 Psi (7)	Mark*         Case           DD           8000 Psi (4)         7           8000 Psi (5)         7           8000 Psi (5)         7           8000 Psi (7)         7           900 Psi (7)         7 </td <td>Mark*         Castreet           DD         MM           8000 Psi (4)         7         10           8000 Psi (5)         7         10           8000 Psi (5)         7         10           8000 Psi (7)         7         10   </td> <td>Mark*         Castry Units           DD         MM           8000 Psi (4)         7         10         2021           8000 Psi (5)         7         10         2021           8000 Psi (7)         7         10         2021  </td> <td>Mark*         Castry version         Size           DD         MM VYYY         (in)           8000 Psi (4)         7         10         2021         6Diax12           8000 Psi (5)         7         10         2021         6Diax12           8000 Psi (5)         7         10         2021         6Diax12           8000 Psi (7)         7         10         2021         6Diax12           900 Psi (7)         7         10         901         901           900 Psi (7)         7         10         901         901           900 Psi (7)         7         10         901         901           901 Psi (7)         7         10         10         901</td> <td>Mark*         Casting Desited         Size         Wet weight           DD         MM         YYYY         (in)         (Kg/gms)           8000 Psi (4)         7         10         2021         6Diax12            8000 Psi (5)         7         10         2021         6Diax12            8000 Psi (5)         7         10         2021         6Diax12            8000 Psi (7)         7         10         2021         6Diax12            900 Psi (7)         7         &lt;</td> <td>Mark*Castury DateSizeWet WeightDry Weight8000 Psi (4)71020216Diax12158000 Psi (5)71020216Diax1214.68000 Psi (5)71020216Diax1214.68000 Psi (5)71020216Diax1214.68000 Psi (7)71020216Diax1214.66.014.66.014.66.014.614.614.6</td> <td>Mark*         <math>Carrow response re</math></td> <td>Mark*         <math>Cassississississississississississississi</math></td> <td>Mark*         Casterstrain         Size         Weith (K) grass)         Dry (K) grass)         Area of (K) grass)         Ultimate (K) grass)         Area of (K) grass)         Area of (K) grass)         Area of (K) grass)         Ultimate (K) grass)         Area of (K) grass)         Must (K) grass)         Must (K) grass)         Must (K) grass)         Area of (K) grass)         Must (K) grass)         Must (K) grass)         Must (K) grass)         Area of (K) grass)         Must (K) gras)         Must (K) gras)         Must (K) gras</td> <td>Mark*Cr EFirstSizeWeigh Weigh (KrDry Weigh (KrArear Section (G.G.Ultimate load (Ind.Weigh Stress Stress (S.G.8000 Psi (4)7102026Diax121528.28146115648000 Psi (7)71020216Diax1214.628.281666131498000 Psi (7)71020216Diax1214.628.281666131498000 Psi (7)71020216Diax1214.028.281666131498000 Psi (7)71020216Diax1214.028.281666131498000 Psi (7)786Diax1214.028.281666131498000 Psi (7)786Diax1214.028.281666131498000 Psi (7)786Diax1214.028.281666131498000 Psi (7)786Diax1214.028.2816661314916.10900 Psi (7)7876Diax1214.014.014.014.014.014.014.0910 Psi (7)7876Diax1214.014.014.014.014.014.014.014.0910 Psi (</td>	Mark*         Castreet           DD         MM           8000 Psi (4)         7         10           8000 Psi (5)         7         10           8000 Psi (5)         7         10           8000 Psi (7)         7         10	Mark*         Castry Units           DD         MM           8000 Psi (4)         7         10         2021           8000 Psi (5)         7         10         2021           8000 Psi (7)         7         10         2021	Mark*         Castry version         Size           DD         MM VYYY         (in)           8000 Psi (4)         7         10         2021         6Diax12           8000 Psi (5)         7         10         2021         6Diax12           8000 Psi (5)         7         10         2021         6Diax12           8000 Psi (7)         7         10         2021         6Diax12           900 Psi (7)         7         10         901         901           900 Psi (7)         7         10         901         901           900 Psi (7)         7         10         901         901           901 Psi (7)         7         10         10         901	Mark*         Casting Desited         Size         Wet weight           DD         MM         YYYY         (in)         (Kg/gms)           8000 Psi (4)         7         10         2021         6Diax12            8000 Psi (5)         7         10         2021         6Diax12            8000 Psi (5)         7         10         2021         6Diax12            8000 Psi (7)         7         10         2021         6Diax12            900 Psi (7)         7         <	Mark*Castury DateSizeWet WeightDry Weight8000 Psi (4)71020216Diax12158000 Psi (5)71020216Diax1214.68000 Psi (5)71020216Diax1214.68000 Psi (5)71020216Diax1214.68000 Psi (7)71020216Diax1214.66.014.66.014.66.014.614.614.6	Mark* $Carrow response re$	Mark* $Cassississississississississississississi$	Mark*         Casterstrain         Size         Weith (K) grass)         Dry (K) grass)         Area of (K) grass)         Ultimate (K) grass)         Area of (K) grass)         Area of (K) grass)         Area of (K) grass)         Ultimate (K) grass)         Area of (K) grass)         Must (K) grass)         Must (K) grass)         Must (K) grass)         Area of (K) grass)         Must (K) grass)         Must (K) grass)         Must (K) grass)         Area of (K) grass)         Must (K) gras)         Must (K) gras)         Must (K) gras	Mark*Cr EFirstSizeWeigh Weigh (KrDry Weigh (KrArear Section (G.G.Ultimate load (Ind.Weigh Stress Stress (S.G.8000 Psi (4)7102026Diax121528.28146115648000 Psi (7)71020216Diax1214.628.281666131498000 Psi (7)71020216Diax1214.628.281666131498000 Psi (7)71020216Diax1214.028.281666131498000 Psi (7)71020216Diax1214.028.281666131498000 Psi (7)786Diax1214.028.281666131498000 Psi (7)786Diax1214.028.281666131498000 Psi (7)786Diax1214.028.281666131498000 Psi (7)786Diax1214.028.2816661314916.10900 Psi (7)7876Diax1214.014.014.014.014.014.014.0910 Psi (7)7876Diax1214.014.014.014.014.014.014.014.0910 Psi (

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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

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

2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil		
Our Ref. No. CL/CED/ 6539	Dated:	03-12-21
Your Ref. No. IHPL/Con/495	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load (Imp Tons)	Ultimate Stress (nsi)	Water Absorpti on (%)	Remarks
1	8000 Psi (4)	6	10	2021	6Diax12		14	28.28	108	8554		Non Engraved
2	8000 Psi (5)	6	10	2021	6Diax12		14.4	28.28	142	11248		Non Engraved
3	8000 Psi (6)	6	10	2021	6Diax12		14.8	28.28	150	11881		Non Engraved
4												
5											I	
6												
7											-	
8												
9											I	
10												
11												
12											-	
13												
14											I	
15												
16												
												L

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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

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

2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil		
Our Ref. No. CL/CED/ 6540	Dated:	03-12-21
Your Ref. No. IHPL/Con/494	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	8000 Psi (4)	5	10	2021	6Diax12		14	28.28	140	11089		Non Engraved
2	8000 Psi (5)	5	10	2021	6Diax12		14	28.28	142	11248		Non Engraved
3	8000 Psi (6)	5	10	2021	6Diax12		14	28.28	118	9347		Non Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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

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

2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/CED/ 654	41	Dated:	03-12-21	
Your Ref. No. IHPL/Co	on/493	Dated:	23-11-21	

## **COMPRESSION TEST REPORT**



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
8000 Psi (4)	2	10	2021	6Diax12		14	28.28	90	7129		Non Engraved
8000 Psi (5)	2	10	2021	6Diax12		15	28.28	158	12515		Non Engraved
8000 Psi (6)	2	10	2021	6Diax12		14.4	28.28	148	11723		Non Engraved
	-										
	-										
	-										
	Mark*  8000 Psi (4)  8000 Psi (5)  8000 Psi (6)	Mark*         Cas           B000 Psi (4)         2           8000 Psi (5)         2           8000 Psi (6)         2 <t< td=""><td>Mark*         Casting           DD         MM           8000 Psi (4)         2         10           8000 Psi (5)         2         10           8000 Psi (6)         2         10   </td><td>Mark*         Casting Date*           DD         MM YYYY           8000 Psi (4)         2         10         2021           8000 Psi (5)         2         10         2021           8000 Psi (6)         2         10         2021           8000 Psi (6)         2         10         2021   </td><td>Mark*         Casting Date*         Size           DD         MM YYYY         (in)           8000 Psi (4)         2         10         2021         6Diax12           8000 Psi (5)         2         10         2021         6Diax12           8000 Psi (6)         2         10         2021         6Diax12           8000 Psi (6)         2         10         2021         6Diax12  </td><td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/ gms)           8000 Psi (4)         2         10         2021         6Diax12            8000 Psi (5)         2         10         2021         6Diax12            8000 Psi (6)         2         10         2021         6Diax12            8000 Psi (6)         2         10         2021         6Diax12   </td><td>Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms) (Kg/gms)           8000 Psi (4)         2         10         2021         6Diax12          14           8000 Psi (5)         2         10         2021         6Diax12          14           8000 Psi (6)         2         10         2021         6Diax12          14.4             12         10         2021         6Diax12          14.4               14.4          14.4                14.4                14.4  </td><td>Mark*         Casting Date*         Size         Wet weight weight weight weight weight weight (Kg/gms)         Area of X-Section (Kg/gms)           8000 Psi (4)         2         10         2021         6Diax12          14         28.28           8000 Psi (5)         2         10         2021         6Diax12          14         28.28           8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28           8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28              14.4         28.28  -</td><td>Mark*         Casting Date*         Size         Wet Weight Weight Weight Weight Weight Weight (Kg/ gms)         Area of X-Section Area of Ioad         Ultimate Ioad           8000 Psi (4)         2         10         2021         6Diax12          14         28.28         90           8000 Psi (5)         2         10         2021         6Diax12          15         28.28         158           8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148             14.4         28.28         148  </td><td>Mark*         <math>C_{3}</math> <th< td=""><td>Mark*         <math>C_{3}</math> <math>C_{3}</math> <math>Size</math> <math>Wet_Weight</math> (in)         <math>Dry_Weight</math> (Kg/gms)         <math>Area of</math> (Weight)         <math>Area of</math> (Sq. in)         Ultimate (load (Imp.Tons)         <math>Water</math> Absorption (%)           8000 Psi (4)         2         10         2021         6Diax12          14         28.28         90         7129            8000 Psi (5)         2         10         2021         6Diax12          14.4         28.28         158         12515            8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148         11723            8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148         11723           </td></th<></td></t<>	Mark*         Casting           DD         MM           8000 Psi (4)         2         10           8000 Psi (5)         2         10           8000 Psi (6)         2         10	Mark*         Casting Date*           DD         MM YYYY           8000 Psi (4)         2         10         2021           8000 Psi (5)         2         10         2021           8000 Psi (6)         2         10         2021           8000 Psi (6)         2         10         2021	Mark*         Casting Date*         Size           DD         MM YYYY         (in)           8000 Psi (4)         2         10         2021         6Diax12           8000 Psi (5)         2         10         2021         6Diax12           8000 Psi (6)         2         10         2021         6Diax12           8000 Psi (6)         2         10         2021         6Diax12	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/ gms)           8000 Psi (4)         2         10         2021         6Diax12            8000 Psi (5)         2         10         2021         6Diax12            8000 Psi (6)         2         10         2021         6Diax12            8000 Psi (6)         2         10         2021         6Diax12	Mark*         Casting Date*         Size         Wet Weight Weight (Kg/gms) (Kg/gms)           8000 Psi (4)         2         10         2021         6Diax12          14           8000 Psi (5)         2         10         2021         6Diax12          14           8000 Psi (6)         2         10         2021         6Diax12          14.4             12         10         2021         6Diax12          14.4               14.4          14.4                14.4                14.4	Mark*         Casting Date*         Size         Wet weight weight weight weight weight weight (Kg/gms)         Area of X-Section (Kg/gms)           8000 Psi (4)         2         10         2021         6Diax12          14         28.28           8000 Psi (5)         2         10         2021         6Diax12          14         28.28           8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28           8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28              14.4         28.28  -	Mark*         Casting Date*         Size         Wet Weight Weight Weight Weight Weight Weight (Kg/ gms)         Area of X-Section Area of Ioad         Ultimate Ioad           8000 Psi (4)         2         10         2021         6Diax12          14         28.28         90           8000 Psi (5)         2         10         2021         6Diax12          15         28.28         158           8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148             14.4         28.28         148	Mark* $C_{3}$ <th< td=""><td>Mark*         <math>C_{3}</math> <math>C_{3}</math> <math>Size</math> <math>Wet_Weight</math> (in)         <math>Dry_Weight</math> (Kg/gms)         <math>Area of</math> (Weight)         <math>Area of</math> (Sq. in)         Ultimate (load (Imp.Tons)         <math>Water</math> Absorption (%)           8000 Psi (4)         2         10         2021         6Diax12          14         28.28         90         7129            8000 Psi (5)         2         10         2021         6Diax12          14.4         28.28         158         12515            8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148         11723            8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148         11723           </td></th<>	Mark* $C_{3}$ $C_{3}$ $Size$ $Wet_Weight$ (in) $Dry_Weight$ (Kg/gms) $Area of$ (Weight) $Area of$ (Sq. in)         Ultimate (load (Imp.Tons) $Water$ Absorption (%)           8000 Psi (4)         2         10         2021         6Diax12          14         28.28         90         7129            8000 Psi (5)         2         10         2021         6Diax12          14.4         28.28         158         12515            8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148         11723            8000 Psi (6)         2         10         2021         6Diax12          14.4         28.28         148         11723

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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

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

2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil		
Our Ref. No. CL/CED/ 6542	Dated:	03-12-21
Your Ref. No. IHPL/Con/492	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
8000 Psi (4)	1	10	2021	6Diax12		15	28.28	146	11564		Non Engraved
8000 Psi (5)	1	10	2021	6Diax12		14.4	28.28	110	8713		Non Engraved
8000 Psi (6)	1	10	2021	6Diax12		13.8	28.28	90	7129		Non Engraved
	-									-	
		-									
	-	-								-	
	-	-									
	-									I	
		-									
	I										
	I										
	1										
	Mark* 8000 Psi (4) 8000 Psi (5) 8000 Psi (6)	Mark*         DD           8000 Psi (4)         1           8000 Psi (5)         1           8000 Psi (6)         1 <td< td=""><td>Mark*         Casting           DD         MM           8000 Psi (4)         1         10           8000 Psi (5)         1         10           8000 Psi (6)         1         10           8000 Psi (6)         1         10  </td><td>Mark*         Casting Date*           DD         MM YYYY           8000 Psi (4)         1         10         2021           8000 Psi (5)         1         10         2021           8000 Psi (6)         1         10         2021           8000 Psi (6)         1         10         2021  </td><td>Mark*         Casting Date*         Size           DD         MM YYYY         (in)           8000 Psi (4)         1         10         2021         6Diax12           8000 Psi (5)         1         10         2021         6Diax12           8000 Psi (6)         1         10         2021         6Diax12           8000 Psi (6)         1         10         2021         6Diax12           8000 Psi (6)         1         10         2021         6Diax12   </td><td>Mark*         Casting Date*         Size         Wet Weight (in)           DD         MM YYYY         (in)         (Kg/gms)           8000 Psi (4)         1         10         2021         6Diax12            8000 Psi (5)         1         10         2021         6Diax12            8000 Psi (6)         1         10         2021         6Diax12            8000 Psi (6)         1         10         2021         6Diax12   </td><td>Mark*         Casting Date*         Size         Wet Weight Weight Weight           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           8000 Psi (4)         1         10         2021         6Diax12          15           8000 Psi (5)         1         10         2021         6Diax12          14.4           8000 Psi (6)         1         10         2021         6Diax12          13.8                13.8  <t< td=""><td>Mark*         Casting Date*         Size         Wet Weight Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq. in)           8000 Psi (4)         1         10         2021         6Diax12          15         28.28           8000 Psi (4)         1         10         2021         6Diax12          14.4         28.28           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28               13.8         28.28   </td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of Veight         Outmate Ioad           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146           8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90             13.8         28.28         90  </td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of X-Section load         Ottimate Utimate Utimate           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146         11564           8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110         8713           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90         7129             13.8         28.28         90         7129              13.8         28.28         90         7129   </td><td>Mark*         Casting Date*         Size         Weight Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of x-Section         Outmate load         Water Absorption           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146         11564            8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110         8713            8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90         7129               13.8         28.28         90         7129                13.8         28.28         90         7129                                     </td></t<></td></td<>	Mark*         Casting           DD         MM           8000 Psi (4)         1         10           8000 Psi (5)         1         10           8000 Psi (6)         1         10           8000 Psi (6)         1         10	Mark*         Casting Date*           DD         MM YYYY           8000 Psi (4)         1         10         2021           8000 Psi (5)         1         10         2021           8000 Psi (6)         1         10         2021           8000 Psi (6)         1         10         2021	Mark*         Casting Date*         Size           DD         MM YYYY         (in)           8000 Psi (4)         1         10         2021         6Diax12           8000 Psi (5)         1         10         2021         6Diax12           8000 Psi (6)         1         10         2021         6Diax12           8000 Psi (6)         1         10         2021         6Diax12           8000 Psi (6)         1         10         2021         6Diax12	Mark*         Casting Date*         Size         Wet Weight (in)           DD         MM YYYY         (in)         (Kg/gms)           8000 Psi (4)         1         10         2021         6Diax12            8000 Psi (5)         1         10         2021         6Diax12            8000 Psi (6)         1         10         2021         6Diax12            8000 Psi (6)         1         10         2021         6Diax12	Mark*         Casting Date*         Size         Wet Weight Weight Weight           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           8000 Psi (4)         1         10         2021         6Diax12          15           8000 Psi (5)         1         10         2021         6Diax12          14.4           8000 Psi (6)         1         10         2021         6Diax12          13.8                13.8 <t< td=""><td>Mark*         Casting Date*         Size         Wet Weight Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq. in)           8000 Psi (4)         1         10         2021         6Diax12          15         28.28           8000 Psi (4)         1         10         2021         6Diax12          14.4         28.28           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28               13.8         28.28   </td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of Veight         Outmate Ioad           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146           8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90             13.8         28.28         90  </td><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of X-Section load         Ottimate Utimate Utimate           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146         11564           8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110         8713           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90         7129             13.8         28.28         90         7129              13.8         28.28         90         7129   </td><td>Mark*         Casting Date*         Size         Weight Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of x-Section         Outmate load         Water Absorption           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146         11564            8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110         8713            8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90         7129               13.8         28.28         90         7129                13.8         28.28         90         7129                                     </td></t<>	Mark*         Casting Date*         Size         Wet Weight Weight Weight Weight X-Section (Kg/gms) (Kg/gms) (Sq. in)           8000 Psi (4)         1         10         2021         6Diax12          15         28.28           8000 Psi (4)         1         10         2021         6Diax12          14.4         28.28           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28               13.8         28.28	Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of Veight         Outmate Ioad           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146           8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90             13.8         28.28         90	Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of X-Section load         Ottimate Utimate Utimate           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146         11564           8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110         8713           8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90         7129             13.8         28.28         90         7129              13.8         28.28         90         7129	Mark*         Casting Date*         Size         Weight Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of x-Section         Outmate load         Water Absorption           8000 Psi (4)         1         10         2021         6Diax12          15         28.28         146         11564            8000 Psi (5)         1         10         2021         6Diax12          14.4         28.28         110         8713            8000 Psi (6)         1         10         2021         6Diax12          13.8         28.28         90         7129               13.8         28.28         90         7129                13.8         28.28         90         7129

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil			
Our Ref. No. CL/C	ED/ 6543	Dated:	03-12-21
Your Ref. No.	IHPL/Con/491	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	8000 Psi (4)	30	9	2021	6Diax12		13.8	28.28	63	4990	1	Non Engraved
2	8000 Psi (5)	30	9	2021	6Diax12		14.4	28.28	156	12356		Non Engraved
3	8000 Psi (6)	30	9	2021	6Diax12		14.4	28.28	144	11406		Non Engraved
4											I	
5												
6												
7												
8												
9											I	
10												
11												
12											-	
13												
14												
15												
16												
14/34-14-14												

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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

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

2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil		
Our Ref. No. CL/CED/ 6544	Dated:	03-12-21
Your Ref. No. IHPL/Con/490	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Sr. No.	Mark*	Cas	ting MM	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	4000 Psi (4)	28	9	2021	6Diax12	(rtg/ gill3) 	(rtg/ giii3) 14	28.28	81	(p31) 6416		Non Engraved
2	4000 Psi (5)	28	9	2021	6Diax12		13.6	28.28	88	6970		Non Engraved
3	4000 Psi (6)	28	9	2021	6Diax12		13.8	28.28	96	7604		Non Engraved
4												
5											-	
6												
7											-	
8												
9					-						I	
10												
11												
12											-	
13					-							
14											1	
15												
16												

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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

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

2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil		
Our Ref. No. CL/CED/ 6545	Dated:	03-12-21
Your Ref. No. IHPL/Con/498	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

01-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (78)	
1	8000 Psi (4)	11	10	2021	6Diax12		14	28.28	142	11248		Non Engraved
2	8000 Psi (5)	11	10	2021	6Diax12		14	28.28	68	5386		Non Engraved
3	8000 Psi (6)	11	10	2021	6Diax12		14	28.28	112	8871		Non Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-5414048-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2353 Dr. Umbreen

Test Specification

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil			
Our Ref. No. CL/CE	D/ 6546	Dated:	03-12-21
Your Ref. No.	HPL/Con/497	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

Specimens received on: 30-11-21 Tested on: 01-12-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	8000 Psi (4)	10	10	2021	6Diax12		14.8	28.28	144	11406		Non Engraved
2	8000 Psi (5)	10	10	2021	6Diax12		14.8	28.28	150	11881		Non Engraved
3	8000 Psi (6)	10	10	2021	6Diax12		14	28.28	102	8079		Non Engraved
4												
5												
6												
7												
8												
9												
10												
11												
12					-							
13												
14												
15												
16												
Mitmage												

Witnessed by: (Engr. Rafi Ullah, CNIC # 34501-6261679-5),(Engr. Ali Hasnain Khan CNIC # 35301-54140

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

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

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

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

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength Note: Above results pertain to the unsealed samples supplied to the laboratory

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2349 Engr. Ubaid

Test Specification

To: From & on behalf of, M/S CMPak Limited

Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/C	ED/ 6547	Dated:	03-12-21	
Your Ref. No.	CMPAK/NDC/Cvlinder/01	Dated:	28-11-21	_

### **COMPRESSION TEST REPORT**



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

Specimens received on: 30-11-21 Tested on: 02-12-21 in dry/wet condition

Sr. No.	Sr. No. Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Col. 3rd F. to Tie	31	10	2021	(III) 6Diax12	(Kg/ gms)	(Kg/ gms)	(Sq. in) 28.28	(Imp. rons) 57	(psi) 4515		Non Engraved
-	Beam 9 (1:1.5:3)			2021	ODIAX 12		10.0	10.10	57	4010		Non Engraved
2	COI. 3rd F. to Tie Beam 10 (1:1.5:3)	31	10	2021	6Diax12		13.8	28.28	45	3564		Non Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2349 Engr. Ubaid

Test Specification

To: From & on behalf of, M/S CMPak Limited

Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/C	ED/ 6548	Dated:	03-12-21	
Your Ref. No.	CMPAK/NDC/Cvlinder/01	Dated:	25-11-21	_

### **COMPRESSION TEST REPORT**



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

Specimens received on: 30-11-21 Tested on: 02-12-21 in dry/wet condition

Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
Col. 3rd F. to Tie	28	MM 10	2021	(IN) 6Diax12	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi) 3644	0(70)	Non Engraved
Beam 3 (1:1.5:3)	20	10	2021	UDIAX 12		13.4	20.20	40	5044		Non Engraved
col. 3rd F. to Tie Beam 4 (1:1.5:3)	28	10	2021	6Diax12		13.4	28.28	44	3485		Non Engraved
	-										
		-									
		-									
		-									
		-									
	Mark* Col. 3rd F. to Tie Beam 3 (1:1.5:3) col. 3rd F. to Tie Beam 4 (1:1.5:3)	Mark*         Case           DD         DD           Col. 3rd F. to Tie         28           col. 3rd F. to Tie         28           Beam 3 (1:1.5:3)         28           col. 3rd F. to Tie         28           Beam 4 (1:1.5:3)	Mark*         Casting           DD         MM           Col. 3rd F. to Tie         28         10           Beam 3 (1:1.5:3)         28         10           col. 3rd F. to Tie         28         10           Beam 4 (1:1.5:3)         28         10 </td <td>Mark*         Casting Date*           DD         MM YYYY           Col. 3rd F. to Tie Beam 3 (1:1.5:3) col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021           The State and the State and</td> <td>Mark*         Casting Date*         Size           DD         MM YYYY         (in)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Good Srd F.</td> <td>Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/ gms)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12            col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            Col. 3rd F. to Tie Beam 4 (1:1.5:3)         7               Col. 3rd F. to Tie Beam 4 (1:1.5:3)         7  <td< td=""><td>Mark*         Casting Date*         Size         Wet weight weight weight         Dry weight weight (Kg/ gms)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4           col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4           Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4                13.4           Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4   <!--</td--><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of X-Section           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)         (Kg/ gms)         (Sq. in)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)                   mark 4 (1:1.5:3)                                 </td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight         Dry Weight Weight Dry Weight Weight Caston Drop Market Drop Drop Market D</td><td>Mark*         <math>Casting Distants         Size         Wet Weight         Dry Weight         Area of X-Section load         Ultimate Ultimate Ultimate Ion (Kg/gms)           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         440         3485   &lt;</math></td><td>Mark*         Castre Date*         Size         Wet Weight Weight Weight Weight Weight Wasser         Area of Load Load Load Load Load Load Load Load</td></td></td<></td>	Mark*         Casting Date*           DD         MM YYYY           Col. 3rd F. to Tie Beam 3 (1:1.5:3) col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021           The State and	Mark*         Casting Date*         Size           DD         MM YYYY         (in)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12           Good Srd F. to Tie Good Srd F.	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/ gms)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12            col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12            Col. 3rd F. to Tie Beam 4 (1:1.5:3)         7               Col. 3rd F. to Tie Beam 4 (1:1.5:3)         7 <td< td=""><td>Mark*         Casting Date*         Size         Wet weight weight weight         Dry weight weight (Kg/ gms)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4           col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4           Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4                13.4           Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4   <!--</td--><td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of X-Section           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)         (Kg/ gms)         (Sq. in)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)                   mark 4 (1:1.5:3)                                 </td><td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight         Dry Weight Weight Dry Weight Weight Caston Drop Market Drop Drop Market D</td><td>Mark*         <math>Casting Distants         Size         Wet Weight         Dry Weight         Area of X-Section load         Ultimate Ultimate Ultimate Ion (Kg/gms)           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         440         3485   &lt;</math></td><td>Mark*         Castre Date*         Size         Wet Weight Weight Weight Weight Weight Wasser         Area of Load Load Load Load Load Load Load Load</td></td></td<>	Mark*         Casting Date*         Size         Wet weight weight weight         Dry weight weight (Kg/ gms)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4           col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4           Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4                13.4           Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4 </td <td>Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of X-Section           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)         (Kg/ gms)         (Sq. in)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)                   mark 4 (1:1.5:3)                                 </td> <td>Mark*         <math>Casting Date*</math>         Size         Wet Weight Weight         Dry Weight Weight Dry Weight Weight Caston Drop Market Drop Drop Market D</td> <td>Mark*         <math>Casting Distants         Size         Wet Weight         Dry Weight         Area of X-Section load         Ultimate Ultimate Ultimate Ion (Kg/gms)           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         440         3485   &lt;</math></td> <td>Mark*         Castre Date*         Size         Wet Weight Weight Weight Weight Weight Wasser         Area of Load Load Load Load Load Load Load Load</td>	Mark*         Casting Date*         Size         Wet Weight         Dry Weight         Area of X-Section           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)         (Kg/ gms)         (Sq. in)           Col. 3rd F. to Tie Beam 3 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28           mark 4 (1:1.5:3)                   mark 4 (1:1.5:3)	Mark* $Casting Date*$ Size         Wet Weight Weight         Dry Weight Weight Dry Weight Weight Caston Drop Market Drop Drop Market D	Mark* $Casting Distants         Size         Wet Weight         Dry Weight         Area of X-Section load         Ultimate Ultimate Ultimate Ion (Kg/gms)           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 3 (1-1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         446         3644           Col. 3rd F. to Tie Beam 4 (1:1.5:3)         28         10         2021         6Diax12          13.4         28.28         440         3485   <$	Mark*         Castre Date*         Size         Wet Weight Weight Weight Weight Weight Wasser         Area of Load Load Load Load Load Load Load Load

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2349 Engr. Ubaid

Test Specification

To: From & on behalf of, M/S CMPak Limited

Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/C	ED/ 6549	Dated:	03-12-21	
Your Ref. No.	CMPAK/NDC/Cvlinder/01	Dated:	26-11-21	_

### **COMPRESSION TEST REPORT**

(ASTM C39)

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

Specimens received on: 30-11-21 Tested on: 02-12-21 in dry/wet condition

Sr. No.	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD			(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	Beam 5 (1:1.5:3)	29	10	2021	6Diax12		14	28.28	51	4040		Non Engraved
2	Col. 3rd F. to Tie Beam 6 (1:1.5:3)	29	10	2021	6Diax12		14	28.28	64	5069		Non Engraved
3												
4			1									
5			-									
6			-									
7												
8												
9			-									
10			1									
11												
12												
13												
14												
15												
16												
14/14-14-14-14												

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2349 Engr. Ubaid

Test Specification

To: From & on behalf of, M/S CMPak Limited

Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/C	ED/ 6550	Dated:	03-12-21	
Your Ref. No.	CMPAK/NDC/Cylinder/01	Dated:	27-11-21	_

### **COMPRESSION TEST REPORT**



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

Specimens received on: 30-11-21 Tested on: 02-12-21 in dry/wet condition

Sr. No.	۶r. No. Mark*		Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
_	Col. 3rd F. to Tie	DD			(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	0.1.(70)	
1	Beam 7 (1:1.5:3)	30	10	2021	6Diax12		14	28.28	67	5307		Non Engraved
2	Col. 3rd F. to Tie Beam 8 (1:1.5:3)	30	10	2021	6Diax12		13.8	28.28	61	4832		Non Engraved
3												
4												
5												
6												
7		-										
8		-										
9			-									
10		-	1									
11		-										
12		-										
13		-										
14												
15												
16												

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2349 Engr. Ubaid

Test Specification

To: From & on behalf of, M/S CMPak Limited

Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/CE	ED/ 6551	Dated:	03-12-21	
Your Ref. No.	CMPAK/NDC/Cvlinder/01	Dated:	24-11-21	_

### **COMPRESSION TEST REPORT**



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

Specimens received on: 30-11-21 Tested on: 02-12-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD			(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Col. 3rd F. to Tie Beam 1 (1:1.5:3)	27	10	2021	6Diax12		14	28.28	52	4119		Non Engraved
2	Col. 3rd F. to Tie Beam 2 (1:1.5:3)	27	10	2021	6Diax12		14	28.28	49	3881		Non Engraved
3												
4												
5												
6												
7												
8			-									
9			-								-	
10												
11												
12												
13												
14			-									
15												
16												

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2349 Engr. Ubaid

Test Specification

To: From & on behalf of, M/S CMPak Limited

Zong 4G, A China Mobile Company, Chak Shahzad Islamabad.

Project: CMPAK New Data Center Quaid-e-Azam Industrial Estate (KLP) Lahore.

Our Ref. No. CL/C	ED/ 6552	Dated:	03-12-21	
Your Ref. No.	CMPAK/NDC/Cvlinder/01	Dated:	12-11-21	_

### **COMPRESSION TEST REPORT**

(ASTM C39)

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

Specimens received on: 30-11-21 Tested on: 02-12-21 in dry/wet condition

									r			
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	2nd Floor Roof Slab (1:2:4)	15	10	2021	6Diax12		14	28.28	40	3168		Non Engraved
2	2nd Floor Roof Slab (1:2:4)	15	10	2021	6Diax12		14	28.28	54	4277		Non Engraved
3	2nd Floor Roof Slab (1:2:4)	15	10	2021	6Diax12		13.8	28.28	61	4832		Non Engraved
4	2nd Floor Roof Slab (1:2:4)	15	10	2021	6Diax12		14	28.28	63	4990		Non Engraved
5												
6												
7												
8												
9												
10											-	
11												
12												
13												
14												
15				-								
16												
14/24				0110				0110 // 0		07.0		

Witnessed by: (Mr. Usama Majeed, CNIC # 35101-1327513-7),(Mr. Talha Zahid, CNIC # 35202-5630667-3)

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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



2348 Engr. Ubaid

Test Specification

To: (Mr. Umair Magsood), Sub Divisional Officer Buildings Sub Division, Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore. (Group No. 02)

Our Ref. No. CL/CED/ 6553	Dated:	03-12-21
Your Ref. No. 849	Dated:	23-11-21

## **COMPRESSION TEST REPORT**



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

Specimens received on: 30-11-21 Tested on: 02-12-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ground Floor Lift (1:1.5:3)	28	10	2021	6x6x6		9	36	71	4418		Engraved
2	Ground Floor Lift (1:1.5:3)	28	10	2021	6x6x6		8.8	36	89	5538		Engraved
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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



**Civil Engineering Department** 

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



2345 Engr. Ubaid

Test Specification

To: Muhammad Waqas Younis

Maintenance Engineer PU, Lahore.

Project: Construction of School of Economics at University of The Punjab at Q.AC.

Our Ref. No. CL/C	ED/ 6554	Dated:	03-12-21	
Your Ref. No.	D-733-ME-iv	Dated:	23-11-21	

## **COMPRESSION TEST REPORT**



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

02-12-21 in dry/wet condition Specimens received on: 30-11-21 Tested on:

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Foundation	25	10	2021	6x6x6		8.8	36	50	3111		Engraved
2	Foundation	25	10	2021	6x6x6		8.8	36	56	3484		Engraved
3	Foundation	25	10	2021	6x6x6		8.6	36	51	3173		Engraved
4	Foundation	26	10	2021	6x6x6		8.8	36	81	5040		Engraved
5	Foundation	26	10	2021	6x6x6		8.6	36	81	5040		Engraved
6	Foundation	26	10	2021	6x6x6		8.6	36	75	4667		Engraved
7												
8												
9												
10												
11												
12												
13			1									
14												
15												
16												

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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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.

2030 Engr. Ubaid

(----)

To: Sub Divisional Officer, (Buildings) Sub Division Ferozewala. Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3271 / 2020-21) Group No. 1 Academic Block-II. Dated: Our Ref. No. CL/CED/ 6555 03-12-21 Test Specification Your Ref. No. 1216/F Dated: 11-09-21

## **COMPRESSION TEST REPORT**



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

Specimens received on: 05-10-21 Tested on: 03-12-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	M.A				8.8 x 4.4 x 3.1	3683	3344	38.72	44	2545	10.14	
2	M.A	-	-	1	8.9 x 4.3 x 2.9	3606	3268	38.27	44	2575	10.34	
3	M.A	-	-	1	9 x 4.4 x 3	3640	3308	39.6	32	1810	10.04	
4				-								
5				-								
6				1								
7			-								-	
8												
9			-	-							I	
10				-								
11		-	-	1								
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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)



**Civil Engineering Department** 

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.

2030 Engr. Ubaid

(----)

To: Sub Divisional Officer, (Buildings) Sub Division Ferozewala. Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore. (ADP No. 3271 / 2020-21) Group No. 1 Academic Block-II. Dated: Our Ref. No. CL/CED/ 6556 03-12-21 Test Specification Your Ref. No. 1217/F Dated: 12-09-21

## **COMPRESSION TEST REPORT**



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

Specimens received on: 05-10-21 Tested on: 03-12-21 in dry/wet condition

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F-17			-	8.9 x 4.4 x 3	3572	3248	39.16	50	2860	9.98	
2	F-17	-	-	1	8.8 x 4.4 x 2.9	3679	3358	38.72	44	2545	9.56	
3	F-17	-	-	1	8.9 x 4.3 x 3.1	3573	3242	38.27	51	2985	10.21	
4			-	I							I	
5				-								
6				-								
7			-	1							-	
8				-								
9			-	I							I	
10				-								
11		-	-	1								
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

\*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
 \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)