

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
he lab for record.

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2639 Engr. Ubaid

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	'CED/ 6985	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/629	Dated:	10-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0)1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	15	12	2021	6Diax12		13.6	28.28	112	8871		Non Engraved
2	(7000 Psi), 4	15	12	2021	6Diax12		14.2	28.28	126	9980		Non Engraved
3	(7000 Psi), 6	15	12	2021	6Diax12		13.4	28.28	108	8554		Non Engraved
4												
5					1	TIME	RIATE					
6					-	NEAD W						
7						DHE NAME CETHY CORD VAND		F				
8					188							
9						-	-	Z				
10						-LA	INRE .					
11												
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13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	n (IHF	PL) CN	IIC#34501-6261	1679-5, Uza	air Ahmad	Khan (KB)	CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6986	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/626	Dated:	10-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0	01-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	10	12	2021	6Diax12		14	28.28	124	9822		Non Engraved
2	(7000 Psi), 4	10	12	2021	6Diax12		14	28.28	120	9505		Non Engraved
3	(7000 Psi), 6	10	12	2021	6Diax12		14	28.28	116	9188		Non Engraved
4						/						
5					/	GINE	RIATE					
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7						DHE NACLE		EB				
8					481			I IN <i>D</i>				
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13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	ו (וH	PL) CN	IIC#34501-626 [,]	1679-5. Uz	air Ahmad	Khan (KB)	CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/	CED/ 6987	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/624	Dated:	10-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0	01-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(4000 Psi), 9	9	12	2021	6Diax12		14	28.28	85	6733		Non Engraved
2	(4000 Psi), 10	9	12	2021	6Diax12		13.8	28.28	86	6812		Non Engraved
3	(4000 Psi), 11	9	12	2021	6Diax12		14	28.28	68	5386		Non Engraved
4												
5					/	GINE	RIATE					
6						T HEAD IN						
7						DHE NAME OF THY LORD WHO	4	EB				
8					188			HN0				
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12												
13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	n (IHF	PL) CN	IIC#34501-626 ²	1679-5. Uza	air Ahmad	Khan (KB)	CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6988	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/625	Dated:	10-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0)1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	9	12	2021	6Diax12		14.4	28.28	123	9743		Non Engraved
2	(7000 Psi), 4	9	12	2021	6Diax12		14.4	28.28	121	9584		Non Engraved
3	(7000 Psi), 6	9	12	2021	6Diax12		14	28.28	84	6653		Non Engraved
4												
5					/	RINE	RING					
6					-)	NEAD IN	PAUS D					
7						DHE NAME OF THY CORD WHO	- 4 X	E .				
8					188							
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10					- <	LA	INRE ?					
11												
12												
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14												
15												
16												
Witness	ed by: Engr. Rafi	Ullał	ו (IHF	PL) CN	IIC#34501-626 [,]	1679-5. Uza	air Ahmad	Khan (KB)	CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6989	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/628	Dated:	10-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	<u>1-01</u>	-22	Tested on:	27-0	1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	13	12	2021	6Diax12		13.8	28.28	112	8871		Non Engraved
2	(7000 Psi), 4	13	12	2021	6Diax12		14.4	28.28	126	9980		Non Engraved
3	(7000 Psi), 6	13	12	2021	6Diax12		13.8	28.28	81	6416		Non Engraved
4												
5					/	ARTHE	RIATE					
6					-)	NEAD W						
7						DHE NAME OF THY LORD WHO	14.9	EB				
8					- SR			IND)				
9						-	1	X				
10					<	- (A	RH					
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12												
13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	ı (IHF	PL) CN	IIC#34501-626 ²	1679-5. Uza	air Ahmad	Khan (KB)	CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6990	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/623	Dated:	10-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0	01-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	8	12	2021	6Diax12		14	28.28	127	10059		Non Engraved
2	(7000 Psi), 3	8	12	2021	6Diax12		14	28.28	119	9426		Non Engraved
3	(7000 Psi), 5	8	12	2021	6Diax12		14	28.28	85	6733		Non Engraved
4												
5					/	RINE	RIATE					
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14												
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16												
Witness	ed by: Engr. Rafi	Ullah	n (IHF	PL) CN	IIC#34501-626 ⁴	1679-5. Uz	air Ahmad	Khan (KB)	CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6991	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/627	Dated:	10-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimo	ens received on:	2	1-01	-22	Tested on:	27-0	01-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	12	12	2021	6Diax12		14	28.28	123	9743		Non Engraved
2	(7000 Psi), 4	12	12	2021	6Diax12		15	28.28	131	10376		Non Engraved
3	(7000 Psi), 6	12	12	2021	6Diax12		14	28.28	94	7446		Non Engraved
4												
5					-	HINE	RIATE					
6						T READ W	2015					
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8					188			HND				
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11												
12												
13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	n (IHF	PL) CN	IIC#34501-626 ²	1679-5. Uz	air Ahmad	Khan (KB)	CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ 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.

Director/Dy. Director Concrete Laboratory



University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895

Landline: 042-99029245 & 042-99029202

2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 6992	Date	d: 28-01-22	Test Specification
Your Ref. No.	IHPL/Con/635	Date	d: 20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0	1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	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
1	(7000 Psi)	22	12	2021	6Diax12		14	28.28	106	8396		Non Engraved
2	(7000 Psi)	22	12	2021	6Diax12		14.4	28.28	120	9505		Non Engraved
3	(7000 Psi)	22	12	2021	6Diax12		15	28.28	92	7287		Non Engraved
4												
5					/	ARINE	RIATE					
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7						CETHY LORD VHO		FF				
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11												
12												
13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	n (IHF	PL) CN	IIC#34501-626 ²	1679-5, Uza	air Ahmad	Khan (KB)) CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Civil Engineering Department

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2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 6993	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/631	Dated:	20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0)1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(4000 Psi), 2	19	12	2021	6Diax12		13.2	28.28	75	5941		Non Engraved
2	(4000 Psi), 3	19	12	2021	6Diax12		13.8	28.28	86	6812		Non Engraved
3	(4000 Psi), 4	19	12	2021	6Diax12		13.2	28.28	78	6178		Non Engraved
4												
5					-	RINE	RIATE					
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7					41	DHE NACKE <u>OE</u> THY LORO WHO	14.9	EB				
8					188			HND				
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14												
15												
16												
Witness	Witnessed by: Engr. Rafi Ullah (IHPL) CNIC#34501-6261679-5, Uzair Ahmad Khan (KB) CNIC#42171-7149331-7											

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/0	CED/ 6994	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/630	Dated:	20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0)1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	18	12	2021	6Diax12		14.2	28.28	134	10614		Non Engraved
2	(7000 Psi), 4	18	12	2021	6Diax12		14	28.28	105	8317		Non Engraved
3	(7000 Psi), 6	18	12	2021	6Diax12		14	28.28	121	9584		Non Engraved
4												
5					-	RINE	RIATE					
6						I READ IN						
7					11	DHE NACLE <u>OE</u> THY LORD WHO	14.9	EB				
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14												
15												
16												
Witness	Witnessed by: Engr. Rafi Ullah (IHPL) CNIC#34501-6261679-5, Uzair Ahmad Khan (KB) CNIC#42171-7149331-7											

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/	CED/ 6995	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/633	Dated:	20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0	01-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	20	12	2021	6Diax12		14	28.28	130	10297		Non Engraved
2	(7000 Psi), 4	20	12	2021	6Diax12		14	28.28	112	8871		Non Engraved
3	(7000 Psi), 6	20	12	2021	6Diax12		13.4	28.28	108	8554		Non Engraved
4												
5					-	GUNE	RIATE					
6						I READ IN						
7						DHE NHOLE <u>OE</u> THY LORD VIND	144	FB				
8					188			HND				
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11												
12												
13												
14												
15												
16												
Witness	Witnessed by: Engr. Rafi Ullah (IHPL) CNIC#34501-6261679-5. Uzair Ahmad Khan (KB) CNIC#42171-7149331-7											

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Civil Engineering Department

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

2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6996	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/636	Dated:	20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0)1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		עט		YYYY	(in)	(Kg/gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	. ()	
1	(7000 Psi), 2	23	12	2021	6Diax12		14	28.28	108	8554		Non Engraved
2	(7000 Psi), 4	23	12	2021	6Diax12		14	28.28	107	8475		Non Engraved
3	(7000 Psi), 6	23	12	2021	6Diax12		14	28.28	106	8396		Non Engraved
4												
5						RINE	RINE					
6					-)	I NEAD W	ALK N					
7						DHE NAME <u>OE</u> THY LORD WHO	144	EB				
8					188			UNI 				
9							-					
10					-	(A	INK- ·					
11												
12												
13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah (IHPL) CNIC#34501-6261679-5, Uzair Ahmad Khan (KB) CNIC#42171-7149331-7												

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



University of Engineering and Technology, Lahore. Pakistan

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

2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 6997	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/632	Dated:	20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	<u>1-01</u>	-22	Tested on:	27-0	1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 12	19	12	2021	6Diax12		14	28.28	142	11248		Non Engraved
2	(7000 Psi), 14	19	12	2021	6Diax12		14	28.28	114	9030		Non Engraved
3	(7000 Psi), 16	19	12	2021	6Diax12		14.4	28.28	119	9426		Non Engraved
4												
5						EINE	RIATE					
6)	NEAD IN	No.					
7						DHE NAME CETHY CORD VAND	4	F				
8												
9							1					
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12												
13												
14												
15												
16												
Witness	Witnessed by: Engr. Rafi Ullah (IHPL) CNIC#34501-6261679-5. Uzair Ahmad Khan (KB) CNIC#42171-7149331-7											

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

 $\underline{\textbf{Note:}}$ 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.

Director/Dy. Director Concrete Laboratory



University of Engineering and Technology, Lahore. Pakistan

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

2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6998	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/634	Dated:	20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0)1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(4000 Psi), 2	20	12	2021	6Diax12		13.8	28.28	74	5861		Non Engraved
2	(4000 Psi), 4	20	12	2021	6Diax12		14.4	28.28	69	5465		Non Engraved
3	(4000 Psi), 6	20	12	2021	6Diax12		13.6	28.28	84	6653		Non Engraved
4												
5					-	TIME	RIATE					
6)	READIN	PAUS D					
7						DHE NAME CETHY CORD VAND		F				
8					188							
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12												
13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah (IHPL) CNIC#34501-6261679-5, Uzair Ahmad Khan (KB) CNIC#42171-7149331-7												

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Civil Engineering Department

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

2639 Engr. Ubaid

To: Mr. Jamil Waris

For and behalf of Imperium Hospitality (Pvt) Ltd.

Project: Nil				
Our Ref. No. CL	/CED/ 6999	Dated:	28-01-22	Test Specification
Your Ref. No.	IHPL/Con/637	Dated:	20-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	1-01	-22	Tested on:	27-0)1-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	(7000 Psi), 2	24	12	2021	6Diax12		13.8	28.28	105	8317		Non Engraved
2	(7000 Psi), 4	24	12	2021	6Diax12		14.2	28.28	106	8396		Non Engraved
3	(7000 Psi), 6	24	12	2021	6Diax12		14	28.28	103	8158		Non Engraved
4												
5					/	RINE	RIATE					
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7						DHE NAME OF THY CORD WHO		FP				
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13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullał	ı (IHF	PL) CN	IIC#34501-626 [,]	1679-5, Uz	air Ahmad	Khan (KB)) CNIC#421	71-71493	31-7	

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

2588 Engr. Ubaid

To:	(Mr. Muneeb Shahzad Butt), Project Manager											
	Republic Engineering Corporation (Pvt) Ltd. (Con	Republic Engineering Corporation (Pvt) Ltd. (Construction under BPS Pvt. Ltd)										
	Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off Raiwind Road, Lahore.											
	Our Ref. No. CL/CED/ 7000	Dated:	28-01-22	Test Specification								
	Your Ref. No. AHA:28	Dated:	05-01-22	(ASTM C39)								

COMPRESSION TEST REPORT



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

Specimens received on:		14-01-22		-22	Tested on:	27-01-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	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	Front Columns, F.F.Columns	7	12	2021	6Diax12		14	28.28	65	5149		Engraved
2	Front Columns, F.F.Columns	7	12	2021	6Diax12		13.2	28.28	47	3723		Non Engraved
3	Front Columns, F.F.Columns	7	12	2021	6Diax12		13.4	28.28	65	5149		Non Engraved
4												
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13												
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15												
16												
Witness	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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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been retained in
he lab for record.

2588 Engr. Ubaid

То:	(Mr. Muneeb Shahzad Butt), Project Manager											
	Republic Engineering Corporation (Pvt) Ltd. (Republic Engineering Corporation (Pvt) Ltd. (Construction under BPS Pvt. Ltd)										
	Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off											
	Kaiwing Koad, Lanore.											
	Our Ref. No. CL/CED/ 7001	Dated:	28-01-22	Test Specification								
	Your Ref. No. AHA:29	Dated:	07-01-22	(ASTM C39)								

COMPRESSION TEST REPORT



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

Specimens received on:		14-01-22		-22	Tested on:	27-01-22		in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas DD	ting MM	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	GF Column, F.F. Column	10	12	2021	6Diax12		13.8	28.28	54	4277		Engraved
2	GF Column, F.F. Column	10	12	2021	6Diax12		13.6	28.28	53	4198		Engraved
3	GF Column, F.F. Column	10	12	2021	6Diax12		13.4	28.28	67	5307		Non Engraved
4												
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14												
15												
16												
Witness	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 compressive strength

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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

2588 Engr. Ubaid

To:	(Mr. Muneeb Shahzad Butt), Project Manager											
	Republic Engineering Corporation (Pvt) Ltd. (Construction under BPS Pvt. Ltd)											
	Project: Construction of Alpha Home Apartments (Block-C) at Beaconhouse Estate Jati Umra Road Off											
	Raiwind Road, Lahore.											
	Our Ref. No. CL/CED/ 7002	Dated:	28-01-22	Test Specification								
	Your Ref. No. AHA:30	Dated:	09-01-22	(ASTM C39)								

COMPRESSION TEST REPORT



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

Specimens received on:		14-01-22		-22	Tested on:	27-01-22		in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas DD	ting MM	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	Slab Concrete	11	12	2021	6Diax12		12.6	28.28	50	3960		Non Engraved
2	Slab Concrete	11	12	2021	6Diax12		14.2	28.28	67	5307		Non Engraved
3	Slab Concrete	11	12	2021	6Diax12		13.4	28.28	67	5307		Non Engraved
4												
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Witness	//// // /////////											

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

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

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

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

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



Highway Sub Division No.1, Lahore. Project: Special Repair of Approach Chandrai Road Adjacent to Quaid Training Center Kot Lakhpat District Lahore. Our Ref. No. CL/CED/ 7003 Dated: 28-01-22 Your Ref. No. 203/SDO-I Dated: 22-10-21

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

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

Specimens received on:		21-01-22		-22	Tested on:	27-01-22		in dry/wet condition				
Sr. No.	Mark*	Cas DD	ting MM	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	PCC (1:2:4)	24	9	2021	6x6x6		9	36	84	5227		Non Engraved
2	PCC (1:2:4)	24	9	2021	6x6x6		9	36	124	7716		Non Engraved
3	PCC (1:2:4)	24	9	2021	6x6x6		8.8	36	85	5289		Non Engraved
4	PCC (1:2:4)	24	9	2021	6x6x6		9	36	116	7218		Non Engraved
5					/	ARTHE	RIATE					
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16												
Witness	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



To: Mr. Muhammad Ejaz Khan, Project Manager Guarantee Engineers (Pvt) Ltd. Lahore.

Project: Nil				
Our Ref. No. CL/CE	D/ 7004	Dated:	28-01-22	Test Specification
Your Ref. No.	111	Dated:	19-01-22	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		20-01-22			Tested on:	28-01-22 in dry/wet condition						
Sr. No.	Mark*	Casting Date*		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	Retaining Wall	18	12	2021	6Diax12		13	28.28	39	3089		Non Engraved
2	Columns	15	12	2021	6Diax12		13	28.28	49	3881		Non Engraved
3	Slab	23	12	2021	6Diax12		14	28.28	73	5782		Non Engraved
4												
5					/	GINE	RIATE					
6)	READ W	San C					
7						DHE NAME <u>OE</u> THY LORD WHO	4	HE				
8					188			IN <i>a</i>				
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10					- <	-14	ORE					
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16												
Witness	ed 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 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.



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2627 Dr. M. Yousaf