



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
 University of Engineering and Technology, Lahore
 Phone Nos. 042-99029202, 042-99029217

2078
Engr. Ubaid

: **Mr. Sarfraz Rasheed GM Projects,**
Ittefaq Building Solution (Pvt.) Ltd.
Project: Fauji Fresh n Freeze- Sahiwal

Our Ref. No. CL/CED/ 6114 Dated: 10/18/2021

Your Ref. No. Nil Dated: 10/11/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/12/2021 Tested on: 10/13/2021 in dry/wet condition

S. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
	Hopper Area Footing	12	9	21	6x6x6	9	36	74	4610	Non Engraved
	Hopper Area Footing	12	9	21	6x6x6	9	36	85	5290	Non Engraved
	Hopper Area Footing	30	9	21	6x6x6	9	36	99	6160	Non Engraved
	Hopper Area Footing	30	9	21	6x6x6	9	36	92	5730	Non Engraved
	Hopper Area Footing	30	9	21	6x6x6	9	36	62	3860	Non Engraved
	Boiler Area	25	9	21	6x6x6	9	36	65	4050	Non Engraved
	Boiler Area	25	9	21	6x6x6	9	36	58	3610	Non Engraved
	Boiler Area	25	9	21	6x6x6	9	36	49	3050	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

By: **Rashid Kamran, Resident Engineer**
National Engineering Services Pakistan (Pvt.) Ltd.

20
Dr. Aq

Project: Detailed Estimate for Fabrication and Installation of Pedestrian Overhead Bridge Near Kalma Chowk, Acro

Our Ref. No. CL/CED/ 6116 Dated: 10/18/2021

Your Ref. No. 4047-R3/13/RK/1A/0211 Dated: 9/15/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/6/2021 Tested on: 10/12/2021 in dry/wet condition

No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		9	9	21						
		9	9	21	6Diax12	14	28.28	67	5310	Non Engraved
		9	9	21	6Diax12	13.8	28.28	61	4840	Non Engraved
		9	9	21	6Diax12	14	28.28	75	5950	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

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



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University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

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DR. Aq

: **Sub Division Officer, (Buildings)**

Sub Division Ferozewala.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Phse II Group No: 2

Our Ref. No. CL/CED/

6122

Dated:

10/18/2021

Your Ref. No.

1263/F

Dated:

10/7/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/7/2021

Tested on:

10/12/2021

in dry/wet condition

Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	/Wet Weight								
	(gms)								
1st Floor Slab Column (P-2)	28	8	21	6x6x6	9	36	59	3680	Non Engraved
1st Floor Slab Column (P-2)	28	8	21	6x6x6	8.8	36	78	4860	Non Engraved
1st Floor Slab Column (P-2)	28	8	21	6x6x6	9	36	79	4920	Non Engraved



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

205
DR. Aqs

Sub Division Officer, (Buildings)

Sub Division Ferozewala.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Phse II Group No: 2

Our Ref. No. CL/CED/

6123

Dated:

10/18/2021

Your Ref. No.

1261/F

Dated:

10/7/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/7/2021

Tested on:

10/12/2021

in dry/wet condition

No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
	2nd Floor Slab (P-1)	3	9	21	6x6x6	9	36	99	6160	Non Engraved
	2nd Floor Slab (P-1)	3	9	21	6x6x6	8.8	36	102	6350	Non Engraved
	2nd Floor Slab (P-1)	3	9	21	6x6x6	9	36	95	5920	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

ASTM C39/C39M requires average of ten clay brick samples for crushing strength and water absorption



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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

2056
DR. Aqsa

: Sub Division Officer, (Buildings)
Sub Division Ferozewala.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Phse II Group No: 2

Our Ref. No. CL/CED/ 6124 Dated: 10/18/2021

Your Ref. No. 1262/F Dated: 10/7/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/7/2021 Tested on: 10/12/2021 in dry/wet condition

No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
1	1st Floor Slab (P-2)	17	7	21	6x6x6	9	36	86	5360	Non Engraved
2	1st Floor Slab (P-2)	17	7	21	6x6x6	9	36	102	6350	Non Engraved
3	1st Floor Slab (P-2)	17	7	21	6x6x6	9	36	107	6660	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

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



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2114

DR. Mazhar

Mr. Shakeel (Project Manager)

ConDrill (Pvt.)Ltd

Project: TNS Beaconhouse,23-E II, Gulburg-III Lahore

Our Ref. No. CL/CED/

6125

Dated:

10/18/2021

Your Ref. No.

CD/33-B/26/8704

Dated:

10/18/2021

COMPRESSION TEST REPORT

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

Specimens received on:

10/18/2021

Tested on:

10/18/2021

in dry/wet condition

Specimen No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Day	Month	Year						
	C-5	24	9	21	6Diax12	13.6	28.28	57	4520	Non Engraved
	C-5	24	9	21	6Diax12	14.2	28.28	87	6900	Non Engraved
	C-5	24	9	21	6Diax12	14	28.28	63	4990	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

Specimens engraved on the specimens (if any)

ASTM C39/C39M-11 requires average of ten clay brick samples for crushing strength and water absorption



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2114
DR. Mazhar

Mr. Shakeel (Project Manager)
ConDrill (Pvt.) Ltd
Project: TNS Beaconhouse,23-E II, Gulburg-III Lahore

Our Ref. No. CL/CED/ 6126 Dated: 10/18/2021

Your Ref. No. CD/33-B/26/8704 Dated: 10/18/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/18/2021 Tested on: 10/18/2021 in dry/wet condition

S. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
	CP-5	9	10	21	6Diax12	13.4	28.28	57	4520	Non Engraved
	CP-5	9	10	21	6Diax12	13.4	28.28	17	1350	Non Engraved
	CP-5	9	10	21	6Diax12	13.8	28.28	63	4990	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)
 BS3921 requires average of ten clay brick samples for crushing strength and water absorption



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By: **Mr. Nabeel Abbas Habib (CEO)**
Gulshan-E-Habib Housing Society
Project: Development of Gulshan-E-Habib Housing Society, Lahore

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Dr. Yo

Our Ref. No. CL/CED/ 6127 Dated: 10/18/2021
 Your Ref. No. GHHS/01-2021/0003 Dated: 10/7/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/7/2021 Tested on: 10/15/2021 in dry/wet condition

Mark*	Casting Date* /Wet Weight (gms)	Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remark
QB		8.8x4.3x2.9	3208	37.84	50	2960	
QB		8.7x4.3x3	3269	37.41	56	3360	
QB		8.8x4.3x2.9	3197	37.84	42	2490	
QB		8.9x4.3x2.8	3272	38.27	58	3400	

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

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



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2053
DR. Aqsa

Client: Colonel Azim Ilyas (R)
 Lahore Diocesan Board of Education
Project: St. Denys' High School, Murree. Phase III

Our Ref. No. CL/CED/ 6128 Dated: 10/18/2021

Your Ref. No. COORD/124/84/BLDG Dated: 10/6/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/7/2021 Tested on: 10/12/2021 in dry/wet condition

Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	/Wet Weight (gms)								
Slab	30	8	21	6x6x6	8.2	36	102	6350	Non Engraved
Slab	30	8	21	6x6x6	8.4	36	112	6970	Non Engraved
Column	24	8	21	6x6x6	8.2	36	80	4980	Non Engraved
Column	24	8	21	6x6x6	8.2	36	81	5040	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

Specimens engraved on the specimens (if any)

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



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2100
Dr. Ubmbreen

Client: Mr. Muhammad Shahbaz
Company: Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6129 Dated: 10/18/2021

Your Ref. No. IHPL/Con/441 Dated: 10/11/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/14/2021 Tested on: 10/18/2021 in dry/wet condition

No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		3	8	21						
	4000Psi(4)	3	8	21	6Diax12	14	28.28	100	7930	Non Engraved
	4000Psi(6)	3	8	21	6Diax12	14	28.28	102	8080	Non Engraved
	4000Psi(9)	3	8	21	6Diax12	14.2	28.28	98	7770	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

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2099

Dr. Umbreen

By: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6130 Dated: 10/18/2021

Your Ref. No. IHPL/Con/442 Dated: 10/11/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/14/2021 Tested on: 10/18/2021 in dry/wet condition

No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
	8000Psi(1)	13	9	21	6Diax12	14	28.28	104	8240	Non Engraved
	8000Psi(2)	13	9	21	6Diax12	14.4	28.28	88	6970	Non Engraved
	8000Psi(3)	13	9	21	6Diax12	14.2	28.28	88	6970	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

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



**Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217**

2099

Dr. Umbreen

Client: Mr. Muhammad Shahbaz
Company: Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6131 Dated: 10/18/2021
Your Ref. No. IHPL/Con/443 Dated: 10/11/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/14/2021 Tested on: 10/18/2021 in dry/wet condition

No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Day	Month	Year						
	4000Psi(10)	14	9	21	6Diax12	14.2	28.28	81	6420	Non Engraved
	4000Psi(11)	14	9	21	6Diax12	14.4	28.28	96	7610	Non Engraved
	4000Psi(12)	14	9	21	6Diax12	14.6	28.28	81	6420	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

Specimens engraved on the specimens (if any)
BS3921 requires average of ten clay brick samples for crushing strength and water absorption



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

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2100

Dr. Ubmbreen

Client: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6132 Dated: 10/18/2021

Your Ref. No. IHPL/Con/444 Dated: 10/11/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/14/2021 Tested on: 10/18/2021 in dry/wet condition

Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	Wet Weight (gms)								
8000Psi(1)	14	9	21	6Diax12	14.2	28.28	104	8240	Non Engraved
8000Psi(2)	14	9	21	6Diax12	14.6	28.28	108	8560	Non Engraved
8000Psi(3)	14	9	21	6Diax12	14	28.28	104	8240	Non Engraved



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2034

Dr. Umbreen

Client: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: **Nil**

Our Ref. No. CL/CED/ 6133 Dated: 10/18/2021

Your Ref. No. IHPL/Con/434 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/18/2021 in dry/wet condition

Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	/Wet Weight (gms)								
4000Psi (4)	18	8	21	6Diax12	14.8	28.28	88	6970	Non Engraved
4000Psi (5)	18	8	21	6Diax12	14	28.28	65	5150	Non Engraved
4000Psi (6)	18	8	21	6Diax12	14	28.28	73	5790	Non Engraved



Plain and Reinforced Concrete Laboratory

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2034

Dr. Umbreen

By: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6134 Dated: 10/18/2021

Your Ref. No. IHPL/Con/437 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/18/2021 in dry/wet condition

Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	/Wet Weight (gms)								
8000Psi(4)	11	8	21	6Diax12	13.8	28.28	146	11570	Non Engraved
8000Psi(5)	11	8	21	6Diax12	14.2	28.28	140	11090	Non Engraved
8000Psi(6)	11	8	21	6Diax12	14.4	28.28	134	10620	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

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2034

Dr. Umbreen

By: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6135 Dated: 10/18/2021

Your Ref. No. IHPL/Con/438 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/18/2021 in dry/wet condition

Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	Wet Weight (gms)								
8000Psi(13)	14	8	21	6Diax12	14	28.28	136	10780	Non Engraved
8000Psi(14)	14	8	21	6Diax12	14.4	28.28	114	9030	Non Engraved
8000Psi(15)	14	8	21	6Diax12	14.2	28.28	136	10780	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

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



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2034

Dr. Umbreen

Client: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6136 Dated: 10/18/2021
 Your Ref. No. IHPL/Con/435 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/18/2021 in dry/wet condition

No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		8	8	21						
1	8000Psi(4)	8	8	21	6Diax12	13.8	28.28	138	10940	Non Engraved
2	8000Psi(5)	8	8	21	6Diax12	13.8	28.28	124	9830	Non Engraved
3	8000Psi(6)	8	8	21	6Diax12	13.8	28.28	132	10460	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)
 BS3921 requires average of ten clay brick samples for crushing strength and water absorption



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2034

Dr. Umbreen

Mr. Muhammad Shahbaz
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6137 Dated: 10/18/2021

Your Ref. No. IHPL/Con/436 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/18/2021 in dry/wet condition

Table with 9 columns: Mark*, Casting Date* (Wet Weight in gms), Size (in), Weight (lbs./gms), Area of X-Section (Sq. in), Ultimate load (Tons/lbs), Ultimate Stress (Psi), and Remarks. Contains 3 rows of test data.

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

Specimens engraved on the specimens (if any)

IS 1891 requires average of ten clay brick samples for crushing strength and water absorption



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

2034

Dr. Umbreen

By: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6138 Dated: 10/18/2021

Your Ref. No. IHPL/Con/440 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/18/2021 in dry/wet condition

No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		17	8	21						
	8000psi (4)	17	8	21	6Diax12	14	28.28	124	9830	Non Engraved
	8000psi (6)	17	8	21	6Diax12	14	28.28	150	11890	Non Engraved
	8000psi (5)	17	8	21	6Diax12	13.8	28.28	136	10780	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)
 BS3921 requires average of ten clay brick samples for crushing strength and water absorption



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2034

Dr. Umbreen

By: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6139 Dated: 10/18/2021

Your Ref. No. IHPL/Con/439 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/5/2021 Tested on: 10/18/2021 in dry/wet condition

No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		/Wet Weight (gms)								
	8000Psi(4)	15	8	21	6Diax12	14.4	28.28	130	10300	Non Engraved
	8000Psi(5)	15	8	21	6Diax12	14	28.28	120	9510	Non Engraved
	8000Psi(6)	15	8	21	6Diax12	14.4	28.28	124	9830	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

Specimens engraved on the specimens (if any)

ASTM C39 requires average of ten clay brick samples for crushing strength and water absorption



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Phone Nos. 042-99029202, 042-99029217

2046

Dr. Ubbreen

Client: Mr. Muhammad Shahbaz
Company: Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6140 Dated: 10/18/2021

Your Ref. No. IHPL/Con/422 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/6/2021 Tested on: 10/18/2021 in dry/wet condition

No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		3	9	21						
	8000Psi(10)	3	9	21	6Diax12	14.4	28.28	92	7290	Non Engraved
	8000Psi(11)	3	9	21	6Diax12	14.2	28.28	98	7770	Non Engraved
	8000Psi(12)	3	9	21	6Diax12	14.4	28.28	92	7290	Non Engraved

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6



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Department of Civil Engineering
 University of Engineering and Technology, Lahore
 Phone Nos. 042-99029202, 042-99029217

2046

Dr. Ubmreen

Client: Mr. Muhammad Shahbaz
Company: Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6141 Dated: 10/18/2021
 Your Ref. No. IHPL/Con/421 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/6/2021 Tested on: 10/18/2021 in dry/wet condition

Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	3	9	21						
4000Psi(1)	3	9	21	6Diax12	13.8	28.28	94	7450	Non Engraved
4000Psi(2)	3	9	21	6Diax12	14	28.28	69	5470	Non Engraved
4000Psi(3)	3	9	21	6Diax12	14.2	28.28	86	6820	Non Engraved



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 Phone Nos. 042-99029202, 042-99029217

2046

Dr. Ubmreen

Client: **Mr. Muhammad Shahbaz**
Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6142 Dated: 10/18/2021

Your Ref. No. IHPL/Con/424 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/6/2021 Tested on: 10/18/2021 in dry/wet condition

Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	5	9	21						
8000Psi(1)	5	9	21	6Diax12	13.4	28.28	96	7610	Non Engraved
8000Psi(2)	5	9	21	6Diax12	14	28.28	98	7770	Non Engraved
8000Psi(3)	5	9	21	6Diax12	14	28.28	102	8080	Non Engraved



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
 University of Engineering and Technology, Lahore
 Phone Nos. 042-99029202, 042-99029217

2046

Dr. Ubmreen

Client: Mr. Muhammad Shahbaz
Company: Imperium Hospitality (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/ 6143 Dated: 10/18/2021

Your Ref. No. IHPL/Con/423 Dated: 9/30/2021

COMPRESSION TEST REPORT

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

Specimens received on: 10/6/2021 Tested on: 10/18/2021 in dry/wet condition

Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
	5	9	21						
4000Psi(13)	5	9	21	6Diax12	15	28.28	100	7930	Non Engraved
4000Psi(14)	5	9	21	6Diax12	14	28.28	92	7290	Non Engraved
4000Psi(15)	5	9	21	6Diax12	14	28.28	73	5790	Non Engraved

