



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

738

Engr.Ubaid

To: **Engr. Faizan Hussain (Assistant Engineer)**
B&W Department UET, Lahore.

Project: External Development Work at Admin Site, Workshop Design Centre and Girls Hostel, UET, Lahore.

Our Ref. No. CL/CED/ 2239 Dated: 02-02-21

Your Ref. No. B&W/AEN/1914 Dated: 09-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 24-02-21 in dry/wet condition

Sr. 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
1	Rectangular Grey		7.8x3.8x2.3	2952	29.64	134	10130	
2	Rectangular Grey		7.8x3.8x2.3	2847	29.64	144	10890	
3	Rectangular Grey		7.8x3.8x2.3	2764	29.64	146	11040	
4	Rectangular Grey		7.8x3.8x2.3	2883	29.64	140	10580	
5	Rectangular Grey		7.8x3.8x2.3	2672	29.64	135	10210	
6	Rectangular Grey		7.8x3.8x2.3	2694	29.64	114	8620	
7	Rectangular Grey		7.8x3.8x2.3	2740	29.64	110	8320	
8	Rectangular Grey		7.8x3.8x2.3	2684	29.64	109	8240	
9	Rectangular Grey		7.8x3.8x2.3	2644	29.64	118	8920	
10	Rectangular Grey		7.8x3.8x2.3	2765	29.64	97	7340	
11	Rectangular Grey		7.8x3.8x2.3	2698	29.64	108	8170	
12	Rectangular Grey		7.8x3.8x2.3	2728	29.64	112	8470	
13	Rectangular Grey		7.8x3.8x2.3	2804	29.64	116	8770	
14	Rectangular Grey		7.8x3.8x2.3	2743	29.64	106	8020	
15	Rectangular Grey		7.8x3.8x2.3	2787	29.64	110	8320	
16	Rectangular Red		7.8x3.8x2.3	2771	29.64	134	10130	

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

* as engraved on the specimens (if any)

** 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" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2240 Dated: 26-02-21

Your Ref. No. IHPL/Con/82 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		1	2	3						
1	8000 Psi	12	2	2021	6Diax12	14	28.28	111	8800	Non Engraved
2	8000 Psi	12	2	2021	6Diax12	14	28.28	104	8240	Non Engraved
3	8000 Psi	12	2	2021	6Diax12	14	28.28	99	7850	Non Engraved
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**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2241 Dated: 26-02-21

Your Ref. No. IHPL/Con/66 Dated: 11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	8000 Psi	22	1	2021	6Diax12	15	28.28	156	12360	Non Engraved
2	8000 Psi	22	1	2021	6Diax12	14	28.28	156	12360	Non Engraved
3	8000 Psi	22	1	2021	6Diax12	14.6	28.28	158	12520	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

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**** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2242 Dated: 26-02-21

Your Ref. No. IHPL/Con/64 Dated: 11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	4000 Psi	21	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
2	4000 Psi	21	1	2021	6Diax12	14.4	28.28	72	5710	Non Engraved
3	4000 Psi	21	1	2021	6Diax12	14.2	28.28	70	5550	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2243 Dated: 26-02-21

Your Ref. No. IHPL/Con/65 Dated: 11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	4000 Psi	22	1	2021	6Diax12	13.4	28.28	77	6100	Non Engraved
2	4000 Psi	22	1	2021	6Diax12	13.6	28.28	106	8400	Non Engraved
3	4000 Psi	22	1	2021	6Diax12	13.4	28.28	83	6580	Non Engraved
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* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2244 Dated: 26-02-21

Your Ref. No. IHPL/Con/80 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	4000 Psi	11	2	2021	6Diax12	14	28.28	83	6580	Non Engraved
2	4000 Psi	11	2	2021	6Diax12	13.4	28.28	76	6020	Non Engraved
3	4000 Psi	11	2	2021	6Diax12	13.4	28.28	75	5950	Non Engraved
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* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2245 Dated: 26-02-21

Your Ref. No. IHPL/Con/79 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		1	2	3						
1	8000 Psi	11	2	2021	6Diax12	14	28.28	110	8720	Non Engraved
2	8000 Psi	11	2	2021	6Diax12	14.4	28.28	93	7370	Non Engraved
3	8000 Psi	11	2	2021	6Diax12	14	28.28	107	8480	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2246 Dated: 26-02-21

Your Ref. No. IHPL/Con/73 Dated: 11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	8000 Psi	10	2	2021	6Diax12	13.4	28.28	124	9830	Non Engraved
2	8000 Psi	10	2	2021	6Diax12	14	28.28	123	9750	Non Engraved
3	8000 Psi	10	2	2021	6Diax12	13.6	28.28	118	9350	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

736

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2247 Dated: 26-02-21

Your Ref. No. IHPL/Con/81 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	4000 Psi	12	2	2021	6Diax12	13.4	28.28	84	6660	Non Engraved
2	4000 Psi	12	2	2021	6Diax12	13.8	28.28	79	6260	Non Engraved
3	4000 Psi	12	2	2021	6Diax12	14	28.28	80	6340	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

743

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2248 Dated: 26-02-21

Your Ref. No. IHPL/Con/83 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Month	Day	Year						
1	8000 Psi	13	2	2021	6Diax12	13.6	28.28	93	7370	Non Engraved
2	8000 Psi	13	2	2021	6Diax12	13.6	28.28	88	6970	Non Engraved
3	8000 Psi	13	2	2021	6Diax12	14	28.28	91	7210	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

743

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2249 Dated: 26-02-21

Your Ref. No. IHPL/Con/67 Dated: 11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	4000 Psi	24	1	2021	6Diax12	13.2	28.28	47	3730	Non Engraved
2	4000 Psi	24	1	2021	6Diax12	13.4	28.28	58	4600	Non Engraved
3	4000 Psi	24	1	2021	6Diax12	13	28.28	54	4280	Non Engraved
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* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
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743

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2250 Dated: 26-02-21

Your Ref. No. IHPL/Con/68 Dated: 11-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	8000 Psi	25	1	2021	6Diax12	14	28.28	140	11090	Non Engraved
2	8000 Psi	25	1	2021	6Diax12	14	28.28	126	9980	Non Engraved
3	8000 Psi	25	1	2021	6Diax12	14	28.28	117	9270	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

743
Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2251 Dated: 26-02-21

Your Ref. No. IHPL/Con/84 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	8000 Psi	14	2	2021	6Diax12	14	28.28	82	6500	Non Engraved
2	8000 Psi	14	2	2021	6Diax12	14	28.28	78	6180	Non Engraved
3	8000 Psi	14	2	2021	6Diax12	14	28.28	79	6260	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

* as engraved on the specimens (if any)

** 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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

743

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2252 Dated: 26-02-21

Your Ref. No. IHPL/Con/85 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	4000 Psi	14	2	2021	6Diax12	13.6	28.28	80	6340	Non Engraved
2	4000 Psi	14	2	2021	6Diax12	13.2	28.28	73	5790	Non Engraved
3	4000 Psi	14	2	2021	6Diax12	13.2	28.28	76	6020	Non Engraved
4										
5										
6										
7										
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9										
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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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

743

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2253 Dated: 26-02-21

Your Ref. No. IHPL/Con/86 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	4000 Psi	16	2	2021	6Diax12	13	28.28	23	1830	Non Engraved
2	4000 Psi	16	2	2021	6Diax12	13.4	28.28	38	3010	Non Engraved
3	4000 Psi	16	2	2021	6Diax12	13.6	28.28	39	3090	Non Engraved
4										
5										
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13										
14										
15										
16										

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

* as engraved on the specimens (if any)

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

768

Dr. M. Yousaf

To: Sub Divisional Officer

Buildings Sub Division No. 12, Lahore

Project: Construction of Hostels for Students Alongwith Inter Connecting Bridge of Fatima Jinah Medical University Lahore (4th Floor Column)

Our Ref. No. CL/CED/ 2254 Dated: 26-02-21

Your Ref. No. 140-141/SDO12th Dated: 23-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	(1 : 1.5 : 3)	26	10	2020	6x6x6	8.6	36	85	5290	Non Engraved
2	(1 : 1.5 : 3)	26	10	2020	6x6x6	8.6	36	94	5850	Non Engraved
3										
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

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

751

Dr. M. Yousaf

To: Major Munazzam Sajjad (Head of Administration)
Imran Construction Company, Multan
Project: Naubahar Botling Company (Pvt.) Ltd. Gujranwala

Our Ref. No. CL/CED/ 2255 Dated: 26-02-21

Your Ref. No. Nil Dated: 24-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	Wall-W2	23	1	2021	6x6x6	9	36	89	5540	Non Engraved
2	Wall-W2	23	1	2021	6x6x6	9	36	109	6790	Non Engraved
3	Wall-W2	23	1	2021	6x6x6	8.9	36	110	6850	Non Engraved
4	Slab + 650	12	2	2021	6x6x6	8.6	36	94	5850	Non Engraved
5	Slab + 650	12	2	2021	6x6x6	8.4	36	84	5230	Non Engraved
6	Slab + 650	12	2	2021	6x6x6	8.6	36	102	6350	Non Engraved
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

* as engraved on the specimens (if any)

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

**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

747

To: **Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)**
Humqadam SCRП (M/s Dawn Construction)
Project: Humqadam-School Construction and Rehabilitation Programme

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2256 Dated: 26-02-21

Your Ref. No. IMC-LHR/SCRП/2020/
MaterialTesting/LHR-3 Dated: 23-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	Mortar Cube	27	1	2021	2.0x2.0x2.0	277	4	6.5	3590	
2	Mortar Cube	27	1	2021	2.0x2.0x2.0	281	4	5.5	3040	
3	Mortar Cube	27	1	2021	2.0x2.0x2.0	267	4	5.75	3170	
4	Mortar Cube	27	1	2021	2.0x2.0x2.0	271	4	9.25	5100	
5	Mortar Cube	27	1	2021	2.0x2.0x2.0	286	4	13	7170	
6	Mortar Cube	27	1	2021	2.0x2.0x2.0	278	4	4.25	2350	
7	Mortar Cube	27	1	2021	2.0x2.0x2.0	276	4	4	2210	
8	Mortar Cube	27	1	2021	2.0x2.0x2.0	291	4	4.25	2350	
9	Mortar Cube	27	1	2021	2.0x2.0x2.0	289	4	7.25	4000	
10	Mortar Cube	27	1	2021	2.0x2.0x2.0	283	4	3.5	1930	
11	Mortar Cube	27	1	2021	2.0x2.0x2.0	270	4	10	5510	
12	Mortar Cube	27	1	2021	2.0x2.0x2.0	273	4	6.25	3450	
13	Mortar Cube	27	1	2021	2.0x2.0x2.0	278	4	6.5	3590	
14	Mortar Cube	27	1	2021	2.0x2.0x2.0	281	4	6.75	3720	
15	Mortar Cube	27	1	2021	2.0x2.0x2.0	279	4	3.75	2070	
16										

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

* as engraved on the specimens (if any)

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

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

747

To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)
Humqadam SCRП (M/s Dawn Construction)
Project: Humqadam-School Construction and Rehabilitation Programme

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2257 Dated: 26-02-21

Your Ref. No. IMC-LHR/SCRП/2020/
MaterialTesting/LHR-3 Dated: 23-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	Mortar Cube	27	1	2021	2.0x2.0x2.0	266	4	6.5	3590	
2	Mortar Cube	27	1	2021	2.0x2.0x2.0	265	4	7	3860	
3	Mortar Cube	27	1	2021	2.0x2.0x2.0	273	4	9	4960	
4	Mortar Cube	27	1	2021	2.0x2.0x2.0	265	4	6.25	3450	
5	Mortar Cube	27	1	2021	2.0x2.0x2.0	276	4	5	2760	
6	Mortar Cube	27	1	2021	2.0x2.0x2.0	270	4	6	3310	
7	Mortar Cube	27	1	2021	2.0x2.0x2.0	263	4	6.5	3590	
8	Mortar Cube	27	1	2021	2.0x2.0x2.0	271	4	5	2760	
9	Mortar Cube	27	1	2021	2.0x2.0x2.0	270	4	4.5	2480	
10	Mortar Cube	27	1	2021	2.0x2.0x2.0	269	4	6.25	3450	
11	Mortar Cube	27	1	2021	2.0x2.0x2.0	285	4	5.75	3170	
12	Mortar Cube	27	1	2021	2.0x2.0x2.0	278	4	8.75	4830	
13	Mortar Cube	27	1	2021	2.0x2.0x2.0	270	4	3	1660	
14	Mortar Cube	27	1	2021	2.0x2.0x2.0	261	4	5	2760	
15	Mortar Cube	27	1	2021	2.0x2.0x2.0	297	4	5.5	3040	
16										

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

* as engraved on the specimens (if any)

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

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

supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

747

To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)
Humqadam SCRP (M/s Dawn Construction)
Project: Humqadam-School Construction and Rehabilitation Programme

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2258 Dated: 26-02-21

Your Ref. No. IMC-LHR/SCRP/2020/
MaterialTesting/LHR-3 Dated: 23-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-02-21 Tested on: 26-02-21 in dry/wet condition

Sr. 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	Mortar Cube	27	1	2021	2.0x2.0x2.0	288	4	10	5510	
2	Mortar Cube	27	1	2021	2.0x2.0x2.0	266	4	3	1660	
3	Mortar Cube	27	1	2021	2.0x2.0x2.0	264	4	4	2210	
4	Mortar Cube	27	1	2021	2.0x2.0x2.0	281	4	3.5	1930	
5	Mortar Cube	27	1	2021	2.0x2.0x2.0	295	4	8	4410	
6	Mortar Cube	27	1	2021	2.0x2.0x2.0	293	4	10	5510	
7	Mortar Cube	27	1	2021	2.0x2.0x2.0	286	4	4.5	2480	
8	Mortar Cube	27	1	2021	2.0x2.0x2.0	277	4	5	2760	
9	Mortar Cube	27	1	2021	2.0x2.0x2.0	267	4	4	2210	
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory