



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

655

To: **Syed Tasawur Hussain Naqvi (Assistant Executive Engineer-III)**

Engr. Ubaid

CCD, Pak. PWD. Gujranwala.

Project: **Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (Sh: Admin Block) (Strip Foundation)**

Our Ref. No. CL/CED/

2075

Dated:

15-02-21

Your Ref. No.

AEE-III/CCD/GA/Work/
NHMP/Admn/P-I/Lab/04

Dated:

19-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

10-02-21

Tested on:

10-02-21

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		21	12	2020	6x6x6	9.2	36	82	5110	Engraved
2		21	12	2020	6x6x6	9.2	36	76	4730	Engraved
3		22	12	2020	6x6x6	8.6	36	41	2560	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

655

To: **Syed Tasawur Hussain Naqvi (Assistant Executive Engineer-III)**

Engr. Ubaid

CCD, Pak. PWD. Gujranwala.

Project: **Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (Sh: Admin Block) (Columns in Foundation)**

Our Ref. No. CL/CED/

2076

Dated:

15-02-21

Your Ref. No.

AEE-III/CCD/GA/Work
/NHMP/Admn/P-I/Lab/05

Dated:

25-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

10-02-21

Tested on:

10-02-21

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		27	12	2020	6x6x6	9	36	39	2430	Non Engraved
2		28	12	2020	6x6x6	9	36	78	4860	Non Engraved
3		28	12	2020	6x6x6	8.6	36	54	3360	Non Engraved
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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

655

To: Syed Tasawur Hussain Naqvi (Assistant Executive Engineer-III)

Engr. Ubaid

CCD, Pak. PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (Sh: Admin Block) (Plinth Beam)

Our Ref. No. CL/CED/

2077

Dated:

15-02-21

Your Ref. No.

AEE-III/CCD/GA/Work/
NHMP/Admn/P-I/Lab/06

Dated:

03-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

10-02-21

Tested on:

10-02-21

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		15	1	2021	6x6x6	8	36	35	2180	Non Engraved
2		15	1	2021	6x6x6	8	36	31	1930	Non Engraved
3		16	1	2021	6x6x6	8.2	36	38	2370	Non Engraved
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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

655

To: Syed Tasawur Hussain Naqvi (Assistant Executive Engineer-III)

Engr. Ubaid

CCD, Pak. PWD. Gujranwala.

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhpura, Phase-I (Sh: Admin Block) (Ground Floor Columns)

Our Ref. No. CL/CED/

2078

Dated:

15-02-21

Your Ref. No.

AEE-III/CCD/GA/Work/
NHMP/Admn/P-I/Lab/07

Dated:

09-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

10-02-21

Tested on:

10-02-21

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		12	1	2021	6x6x6	8.8	36	92	5730	Non Engraved
2		14	1	2021	6x6x6	8.8	36	44	2740	Engraved
3		14	1	2021	6x6x6	9	36	79	4920	Engraved
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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

650

Engr. Ubaid

To: **Mr. Abdul Rehman**
Okawa Concrete, Sheikhpura
Project: Nil

Our Ref. No. CL/CED/ 2079 Dated: 15-02-21

Your Ref. No. Nil Dated: 09-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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	Rectangular Red				7.8x3.8x2.3	2555	29.64	66	4990	
2	Rectangular Red				7.8x3.8x2.3	2672	29.64	94	7110	
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Phone Nos. 042-99029202, 042-99029217

652
Engr. Ubaid

To: Resident Engineer
ESS-I-AAR Consultant, Karachi
Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-I

Our Ref. No. CL/CED/ 2080-1 of 2 Dated: 15-02-21

Your Ref. No. 683 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-02-21 Tested on: 10-02-21 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		9	1	2021	4x4x4	3	16	20.3	2850	
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3										
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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

657

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2081 Dated: 15-02-21

Your Ref. No. IHPL/Con/58 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	2021						
1	4000 Psi	1	2	2021	6Diax12	13.8	28.28	46	3650	Non Engraved
2	4000 Psi	1	2	2021	6Diax12	13.8	28.28	49	3890	Non Engraved
3	4000 Psi	1	2	2021	6Diax12	13.6	28.28	46	3650	Non Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

657

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2082 Dated: 15-02-21

Your Ref. No. IHPL/Con/57 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	30	1	2021	6Diax12	13.8	28.28	53	4200	Non Engraved
2	4000 Psi	30	1	2021	6Diax12	13.6	28.28	56	4440	Non Engraved
3	4000 Psi	30	1	2021	6Diax12	13.8	28.28	56	4440	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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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

657

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2083 Dated: 15-02-21

Your Ref. No. IHPL/Con/55 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	29	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
2	4000 Psi	29	1	2021	6Diax12	14	28.28	73	5790	Non Engraved
3	4000 Psi	29	1	2021	6Diax12	14	28.28	69	5470	Non Engraved
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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

657

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2084 Dated: 15-02-21

Your Ref. No. IHPL/Con/48 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	1	2021	6Diax12	13.8	28.28	51	4040	Non Engraved
2	4000 Psi	11	1	2021	6Diax12	13.4	28.28	55	4360	Non Engraved
3	4000 Psi	11	1	2021	6Diax12	13.8	28.28	51	4040	Non Engraved
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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

657

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2085 Dated: 15-02-21

Your Ref. No. IHPL/Con/47 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	10	1	2021	6Diax12	13.4	28.28	63	4990	Non Engraved
2	4000 Psi	10	1	2021	6Diax12	14	28.28	68	5390	Non Engraved
3	4000 Psi	10	1	2021	6Diax12	14	28.28	65	5150	Non Engraved
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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

657

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2086 Dated: 15-02-21

Your Ref. No. IHPL/Con/46 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	9	1	2021	6Diax12	14	28.28	104	8240	Non Engraved
2	8000 Psi	9	1	2021	6Diax12	14	28.28	108	8560	Non Engraved
3	8000 Psi	9	1	2021	6Diax12	14	28.28	110	8720	Non Engraved
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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

657

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2087 Dated: 15-02-21

Your Ref. No. IHPL/Con/45 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	8	1	2021	6Diax12	13.8	28.28	82	6500	Non Engraved
2	4000 Psi	8	1	2021	6Diax12	13.8	28.28	81	6420	Non Engraved
3	4000 Psi	8	1	2021	6Diax12	13.2	28.28	79	6260	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

657

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2088 Dated: 15-02-21

Your Ref. No. IHPL/Con/53 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 11-02-21 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	8	1	2021	6Diax12	13	28.28	110	8720	Non Engraved
2	8000 Psi	8	1	2021	6Diax12	14	28.28	114	9030	Non Engraved
3	8000 Psi	8	1	2021	6Diax12	13	28.28	112	8880	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

672

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2089 Dated: 15-02-21

Your Ref. No. IHPL/Con/54 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-21 Tested on: 12-02-21 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	1	2021	6Diax12	13.6	28.28	61	4840	Non Engraved
2	4000 Psi	12	1	2021	6Diax12	14	28.28	62	4920	Non Engraved
3	4000 Psi	12	1	2021	6Diax12	13.4	28.28	62	4920	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

672

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2090 Dated: 15-02-21

Your Ref. No. IHPL/Con/49 Dated: 28-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-21 Tested on: 12-02-21 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	12	1	2021	6Diax12	14	28.28	98	7770	Non Engraved
2	8000 Psi	12	1	2021	6Diax12	14	28.28	112	8880	Non Engraved
3	8000 Psi	12	1	2021	6Diax12	14	28.28	110	8720	Non Engraved
4										
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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

672

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

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2091 Dated: 15-02-21

Your Ref. No. IHPL/Con/56 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-21 Tested on: 12-02-21 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	29	1	2021	6Diax12	13.2	28.28	106	8400	Non Engraved
2	8000 Psi	29	1	2021	6Diax12	14	28.28	102	8080	Non Engraved
3	8000 Psi	29	1	2021	6Diax12	13.8	28.28	112	8880	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

672

Dr. M. Yousaf

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

Our Ref. No. CL/CED/ 2092 Dated: 15-02-21

Your Ref. No. IHPL/Con/59 Dated: 08-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-02-21 Tested on: 12-02-21 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	5	2	2021	6Diax12	14	28.28	97	7690	Non Engraved
2	8000 Psi	5	2	2021	6Diax12	13.8	28.28	103	8160	Non Engraved
3	8000 Psi	5	2	2021	6Diax12	14	28.28	99	7850	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

662

Dr. Yousaf

To: **Tahir Mehmood**

Husnain Builders (Pvt.)Ltd. Client (Vision Builders Pvt. Ltd)

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-I

Our Ref. No. CL/CED/ 2093 Dated: 15-02-21

Your Ref. No. Nil Dated: 10-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 12-02-21 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
		7	1	2021						
1	Mumty Slab	7	1	2021	6Diax12	13	28.28	60	4760	Non Engraved
2	Mumty Slab	7	1	2021	6Diax12	13.2	28.28	58	4600	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

660
Dr. Yousaf

To: Mr. Furqan UI Haq (General Manager)
AYQ Developers (Pvt.) Ltd.
Project: Union Complex

Our Ref. No. CL/CED/ 2094 Dated: 15-02-21

Your Ref. No. Nil Dated: 10-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 12-02-21 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	Ready-Mix (4000)Psi	13	1	2021	6Diax12	14	28.28	60	4760	Engraved
2	Ready-Mix (4000)Psi	13	1	2021	6Diax12	14	28.28	59	4680	Engraved
3	Ready-Mix (4000)Psi	13	1	2021	6Diax12	14	28.28	63	4990	Engraved
4	Ready-Mix (1500)Psi	2	2	2021	6Diax12	13	28.28	3	240	Engraved
5	Ready-Mix (1500) Psi	2	2	2021	6Diax12	13	28.28	4	320	Engraved
6	Ready-Mix (1500) Psi	2	2	2021	6Diax12	13	28.28	4	320	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

663

To: **Mr. Umar Nisar (Project Engineer)**
Sky High Builder's IZMIR Society, Lahore.
Project: IZMIR Executive Shopping Mall and Apparments

Dr. Yousaf

Our Ref. No. CL/CED/ 2095 Dated: 15-02-21

Your Ref. No. IZMIR/007 Dated: 09-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-02-21 Tested on: 12-02-21 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	Raft 1st Pour (3000) Psi	8	1	2021	6Diax12	14	28.28	43	3410	Engraved
2	Raft 1st Pour (3000) Psi	8	1	2021	6Diax12	14	28.28	43	3410	Engraved
3	Raft 2nd Pour (3000) Psi	10	1	2021	6Diax12	14	28.28	63	4990	Engraved
4	Raft 2nd Pour (3000) Psi	10	1	2021	6Diax12	14.6	28.28	58	4600	Engraved
5	Footing Beam (3000) Psi	12	1	2021	6Diax12	14	28.28	80	6340	Engraved
6	Footing Beam (3000) Psi	12	1	2021	6Diax12	14	28.28	87	6900	Engraved
7	UGWT Slab 2 (3000) Psi	25	1	2021	6Diax12	14	28.28	41	3250	Engraved
8	UGWT Slab 2 (3000) Psi	25	1	2021	6Diax12	14	28.28	42	3330	Engraved
9	Plinth Beam (3000) Psi	28	1	2021	6Diax12	14	28.28	35	2780	Engraved
10	Plinth Beam (3000) Psi	28	1	2021	6Diax12	14	28.28	35	2780	Engraved
11										
12										
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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

680
Dr.Mazar

To: **SAB Construction**
Faisalabad.

Project: Construction of Fusing at PAF Risalewala" CA NO. CEAF-CZ-48/2020

Our Ref. No. CL/CED/ 2096 Dated: 15-02-21

Your Ref. No. Nil Dated: 15-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-02-21 Tested on: 12-02-21 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		15	1	2021	6Diax12	14	28.28	81	6420	Non Engraved
2		15	1	2021	6Diax12	13.8	28.28	71	5630	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

679

Dr.Mazar

To: **Mr. Muhammad Moosa (XEN) AGE (AIR)**

Risalewala. (M/s SAB Construction)

Project: Construction of Fusing at PAF Risalewala" CA NO. CEAf-CA-48/2020

Our Ref. No. CL/CED/

2097

Dated:

15-02-21

Your Ref. No.

6400-48/2020/43/E-6

Dated:

15-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-02-21 Tested on: 15-02-21 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		15	1	2021	6Diax12	14	28.28	96	7610	Non Engraved
2		15	1	2021	6Diax12	14	28.28	88	6970	Non Engraved
3		15	1	2021	6Diax12	14	28.28	96	7610	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

658

Engr. Ubaid

To: **Mr. Muhamad Azeem (Operational Manager)**

Lahore.

Project: Construction of Hotel Building at 24-A Block E/2 at Gulberg III Lahore.

Our Ref. No. CL/CED/ 2098 Dated: 15-02-21

Your Ref. No. AAA/24A./0024 Dated: 15-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-02-21 Tested on: 15-02-21 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	(5000) Psi	9	1	2021	6Diax12	15	28.28	108	8560	Non Engraved
2	(5000) Psi	9	1	2021	6Diax12	14	28.28	99	7850	Non Engraved
3	(5000) Psi	9	1	2021	6Diax12	14.4	28.28	108	8560	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