



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

1089

Dr. Umbreen

To: Mr. Mudassar Iqbal (Manager QC)
Country Developers (Pvt.) Ltd. Lahore.
Project: Construction of PGC Campus at Airline Society Lahore.

Our Ref. No. CL/CED/ 2823 Dated: 20-04-21

Your Ref. No. CD-20-Testing / con/ALC-026 Dated: 16-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 20-04-21 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	(4500) Psi	26	3	2021	6Diax12	14.2	28.28	61	4840	Non Engraved
2	(4500) Psi	26	3	2021	6Diax12	14.2	28.28	65	5150	Non Engraved
3	(4500) Psi	28	3	2021	6Diax12	14	28.28	65	5150	Non Engraved
4	(4500) Psi	28	3	2021	6Diax12	13.4	28.28	63	4990	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" 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

1083

Dr. Umbreen

To: **Mr. Majid Yaseen (Sr. District Engineer)**

Humqadam SCRP FSD. (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC Worldwide (GHS Chak 61RB)

Our Ref. No. CL/CED/ 2824 Dated: 20-04-21

Your Ref. No. IMC-FSD/SCR/P/2021
/Material Testing /FSD-1 Dated: 19-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-21 Tested on: 20-04-21 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		20	3	2021	6Diax12	13	28.28	65	5150	Non Engraved
2		20	3	2021	6Diax12	13.2	28.28	65	5150	Non Engraved
3		20	3	2021	6Diax12	13	28.28	61	4840	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

1083

Dr. Umbreen

To: **Mr. Majid Yaseen (Senior District Engineer)**

Humqadam SCRP FSD (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC Worldwide. (GHS Chak 61RB)

Our Ref. No. CL/CED/

2825

Dated:

20-04-21

Your Ref. No.

IMC-FSD/SCRP/2021/
MaterialTesting/FSD-1

Dated:

19-04-21

COMPRESSION TEST REPORT

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

Specimens received
on:

19-04-21

Tested on:

20-04-21

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	21	3	2021	2.0x2.0x2.0	287	4	6	3310	
2	Mortar Cube	21	3	2021	2.0x2.0x2.0	276	4	9	4960	
3	Mortar Cube	21	3	2021	2.0x2.0x2.0	279	4	5	2760	
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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

1043

To: Mr. Hasan Khan Sherwani (Provincial Construction Supervision Manager)

Dr. Umbreen

Humqadam SCRП LHR (M/s Sultan Engineering)

Project: Humqadam-School Construction and Rehabilitation Programme IMC Worldwide. (GGHS Ghorey Shah)

Our Ref. No. CL/CED/

2826

Dated:

20-04-21

Your Ref. No.

IMC-LHR/SCRП/2021/

MaterialTesting/LHR-7

Dated:

15-03-21

COMPRESSION TEST REPORT

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

Specimens received

on:

12-04-21

Tested on:

20-04-21

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	14	3	2021	2.0x2.0x2.0	264	4	11	6070	
2	Mortar Cube	14	3	2021	2.0x2.0x2.0	268	4	7	3860	
3	Mortar Cube	14	3	2021	2.0x2.0x2.0	271	4	9	4960	
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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

1043

To: Mr. Hasan Khan Sherwani (Provincial Construction Supervision Manager)

Dr. Umbreen

Humqadam SCRП LHR (M/s Sultan Engineering)

Project: Humqadam-School Construction and Rehabilitation Programme IMC Worldwide. (GHS Kamahan)

Our Ref. No. CL/CED/ 2827 Dated: 20-04-21

Your Ref. No. IMC-LHR/SCRП/2021/
MaterialTesting/LHR-7 Dated: 15-03-21

COMPRESSION TEST REPORT

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

Specimens received
on:

12-04-21

Tested on:

20-04-21

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	15	3	2021	2.0x2.0x2.0	270	4	9	4960	
2	Mortar Cube	15	3	2021	2.0x2.0x2.0	269	4	5	2760	
3	Mortar Cube	15	3	2021	2.0x2.0x2.0	273	4	6	3310	
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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

1095

To: Mr. Jamil Waris
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2828 Dated: 20-04-21
Your Ref. No. IHPL/Con/207 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 20-04-21 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	2	2021	6Diax12	14	28.28	144	11410	Non Engraved
2	8000 Psi	8	2	2021	6Diax12	14.6	28.28	128	10140	Non Engraved
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* 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

1095

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

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2829 Dated: 20-04-21

Your Ref. No. IHPL/Con/179 Dated: 08-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 20-04-21 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	2	2021	6Diax12	14	28.28	94	7450	Non Engraved
2	4000 Psi	22	2	2021	6Diax12	13.8	28.28	94	7450	Non Engraved
3	4000 Psi	22	2	2021	6Diax12	13	28.28	57	4520	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

1095

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

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2830 Dated: 20-04-21
Your Ref. No. IHPL/Con/178 Dated: 08-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 20-04-21 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	108	8560	Non Engraved
2	8000 Psi	14	2	2021	6Diax12	13.6	28.28	116	9190	Non Engraved
3	8000 Psi	14	2	2021	6Diax12	13	28.28	108	8560	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

1095

To: Mr. Jamil Waris
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2831 Dated: 20-04-21

Your Ref. No. IHPL/Con/209 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 20-04-21 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	18	2	2021	6Diax12	13.6	28.28	77	6100	Non Engraved
2	4000 Psi	18	2	2021	6Diax12	13.6	28.28	63	4990	Non Engraved
3	4000 Psi	18	2	2021	6Diax12	13	28.28	73	5790	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

1095

To: Mr. Jamil Waris
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2832 Dated: 20-04-21

Your Ref. No. IHPL/Con/208 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 20-04-21 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	13	2	2021	6Diax12	15	28.28	172	13630	Non Engraved
2	8000 Psi	13	2	2021	6Diax12	13.8	28.28	140	11090	Non Engraved
3	8000 Psi	13	2	2021	6Diax12	14	28.28	146	11570	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

1095

To: **Mr. Jamil Waris**
Imperium Hospitality (Pvt.) Ltd. Lahore
Project: Nil

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 2833 Dated: 20-04-21

Your Ref. No. IHPL/Con/210 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 20-04-21 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	24	2	2021	6Diax12	14	28.28	108	8560	Non Engraved
2	8000 Psi	24	2	2021	6Diax12	14	28.28	110	8720	Non Engraved
3	8000 Psi	24	2	2021	6Diax12	13.6	28.28	59	4680	Non Engraved
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supervisor(lab)

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