



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

832

Dr.Ambreen

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

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGES Chak 106 JB)

Our Ref. No.
CL/CED/

2399

Dated:

10-03-21

Your Ref. No.

IMC-FSD/SCRP/2020/
MaterialTesting/FSD-1

Dated:

08-03-21

COMPRESSION TEST REPORT

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

Specimens received
on:

08-03-21

Tested on:

09-03-21 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	3	2021						
1	Mortar Cube	1	3	2021	2.0x2.0x2.0	257	4	11.5	6340	
2	Mortar Cube	1	3	2021	2.0x2.0x2.0	264	4	6	3310	
3	Mortar Cube	1	3	2021	2.0x2.0x2.0	267	4	9	4960	
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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

832

Dr.Ambreen

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

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGES Sindhu Pura)

Our Ref. No. CL/CED/ 2400 Dated: 10-03-21

Your Ref. No. IMC-FSD/SCRP/2020/
MaterialTesting/FSD-1 Dated: 08-03-21

COMPRESSION TEST REPORT

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

Specimens received

on: 08-03-21 Tested on: 09-03-21 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	2	2021	2.0x2.0x2.0	258	4	3	1660	
2	Mortar Cube	27	2	2021	2.0x2.0x2.0	260	4	3	1660	
3	Mortar Cube	27	2	2021	2.0x2.0x2.0	265	4	8	4410	
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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

832

To: **Mr. Majid Yaseen (Sr. District Manager)**
Humqadam SCRIP (M/s Astral Constructions)

Dr.Ambreen

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GHS Hadali)

Our Ref. No. CL/CED/ 2401 Dated: 10-03-21

Your Ref. No. IMC-FSD/SCRIP/2020/
MaterialTesting/FSD-1 Dated: 08-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-03-21 Tested on: 09-03-21 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	28	2	2021	2.0x2.0x2.0	271	4	12	6620	
2	Mortar Cube	28	2	2021	2.0x2.0x2.0	268	4	10	5510	
3	Mortar Cube	28	2	2021	2.0x2.0x2.0	265	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

833

To: Mr.Hassan Kahan Sherwani (Provincial Construction Supervision Manager)

Dr.Ambreen

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide(GHS Kangun Pur)

Our Ref. No. CL/CED/

2402

Dated:

10-03-21

Your Ref. No.

IMC-LHR/SCRП/2020/

MaterialTesting/LHR-1

Dated:

08-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

08-03-21

Tested on:

09-03-21

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	28	2	2021	2.0x2.0x2.0	281	4	5	2760	
2	Mortar Cube	28	2	2021	2.0x2.0x2.0	279	4	11	6070	
3	Mortar Cube	28	2	2021	2.0x2.0x2.0	286	4	9	4960	
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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

833

To: Mr.Hassan Kahan Sherwani (Provincial Construction Supervision Manager)

Dr.Ambreen

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GHS Najabat)

Our Ref. No.
CL/CED/

2403

Dated:

10-03-21

Your Ref. No.

IMC-LHR/SCR/2020/
MaterialTesting/LHR-1

Dated:

08-03-21

COMPRESSION TEST REPORT

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

Specimens received
on:

08-03-21

Tested on:

09-03-21

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	Mortar Cube	8	2	2021	2.0x2.0x2.0	251	4	3	1660	
2	Mortar Cube	8	2	2021	2.0x2.0x2.0	257	4	8	4410	
3	Mortar Cube	8	2	2021	2.0x2.0x2.0	248	4	4	2210	
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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

833

To: **Mr. Hassan Kahan Sherwani (Provincial Construction Supervision Manager)**

Dr. Ambreen

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GPS Jhallar Zaidaran)

Our Ref. No.
CL/CED/

2404

Dated:

10-03-21

Your Ref. No.

IMC-LHR/SCRP/2020/
MaterialTesting/LHR-1

Dated:

08-03-21

COMPRESSION TEST REPORT

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

Specimens received
on:

08-03-21

Tested on:

09-03-21 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	7	2	2021	2.0x2.0x2.0	248	4	3	1660	
2	Mortar Cube	7	2	2021	2.0x2.0x2.0	254	4	3	1660	
3	Mortar Cube	7	2	2021	2.0x2.0x2.0	258	4	9	4960	
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

820

Dr. Ambreen

To: Deputy Director, Engg.

Sec I & II, Package -1, LOLMTP, LDA, Lahore.

Project: Construction of TMA Office, Shalamar Town, Lahore, Orange Line Metro Train Project(Package-1)

Our Ref. No. CL/CED/

2405

Dated:

10-03-21

Your Ref. No.

DD/PKG-
1/LOLMPT/LDA/18

Dated:

05-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

05-03-21

Tested on:

09-03-21

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	NB		8.9X4.3X2.9	3146	38.27	38	2230	
2	NB		8.9X4.3X2.9	3098	38.27	37	2170	
3	NB		8.9X4.4X3.0	3209	39.16	36	2060	
4	S		8.9X4.3X2.8	3144	38.27	49	2870	
5	S		8.8X4.2X2.8	2933	36.96	43	2610	
6	S		8.8X4.2X2.8	2861	36.96	47	2850	
7	A-1		8.7X4.2X2.8	2807	36.54	43	2640	
8	A-1		8.7X4.2X2.8	2789	36.54	35	2150	
9	A-1		8.7X4.2X2.8	2766	36.54	37	2270	
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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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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

820

Dr. Ambreen

To: **Mr. Nadeem**
Elite Engineering (Pvt.) Ltd.
Project: Nil

Our Ref. No. CL/CED/

2406

Dated:

10-03-21

Your Ref. No.

Nil

Dated:

09-03-21

COMPRESSION TEST REPORT

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

Specimens received on:

09-03-21

Tested on:

10-03-21

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		7.8x3.9x3.1	3321	30.42	57	4200	
2	Rectangular Grey		7.8x3.9x3.1	3389	30.42	75	5530	
3	Rectangular Grey		7.8x3.9x3.1	3371	30.42	83	6120	
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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

802

To: **Mr. Waqas Zafar (Project Director)**
PEACH CLUB, Faisalabad.
Project: Lahore

Dr. Ambreen

Our Ref. No. CL/CED/ 2407 Dated: 10-03-21

Your Ref. No. Nil Dated: 01-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-03-21 Tested on: 09-03-21 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	Roof Deck Slab(3000) Psi	20	2	2021	6x6x6	13.8	36	27	1680	Non Engraved
2	Roof Deck Slab(3000) Psi	20	2	2021	6x6x6	13	36	27	1680	Non Engraved
3	Roof Deck Slab(3000) Psi	20	2	2021	6x6x6	13	36	25	1560	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

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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

812

Dr. Mazar

To: Mr. Sohail Anjum (Project Manager)
MEK Multistory Offices, P-156 Gulberg II, Lahore.
Project: Construction of P-156 Project Gulberg II, Lahore.

Our Ref. No. CL/CED/ 2408 Dated: 10-03-21

Your Ref. No. P-156-200 Dated: 04-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 08-03-21 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	7 6 2 (3000) Psi	24	2	2021	6Diax12	13.4	28.28	45	3570	Non Engraved
2	7 6 3 (3000) Psi	24	2	2021	6Diax12	13.6	28.28	43	3410	Non Engraved
3	7 6 4 (3000) Psi	24	2	2021	6Diax12	13	28.28	33	2620	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

809

Dr. Ambreen

To: **Mr. M.K. Jamil (Principal Architect & CEO)**
Design Simulation, Lahore.
Project: Construction of UBL Building Tufail Road Lahore.

Our Ref. No. CL/CED/ 2409 Dated: 10-03-21

Your Ref. No. Nil Dated: 04-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 04-03-21 Tested on: 09-03-21 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	Raft RCC Block Ready Mix	30	1	2021	6Diax12	14	28.28	57	4520	Non Engraved
2	Raft RCC Block Ready Mix	30	1	2021	6Diax12	14	28.28	37	2940	Non Engraved
3	Raft RCC Block Ready Mix	30	1	2021	6Diax12	14	28.28	55	4360	Non Engraved
4	Raft RCC Block Ready Mix	30	1	2021	6Diax12	13.4	28.28	41	3250	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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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

753

Dr. Ambreen

To: Deputy Director (Technical)
Anti-Corruption Establishment , Multan Region, Multan.
Project: Enquiry No. 203/19.

Our Ref. No. CL/CED/ 2410 Dated: 10-03-21

Your Ref. No. ACE.MR-(DDT)/1373 Dated: 22-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 24-02-21 Tested on: 09-03-21 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	Kerb Stone RD 90+00 (L.H.S)		6x6x6	8	36	49	3050	Cut Cube
2	Kerb Stone RD 90+00 (L.H.S)		6x6x6	8	36	41	2560	Cut Cube
3	Kerb Stone RD 12+80 (L.H.S)		5x5x5	4.2	25	19	1710	Cut Cube
4	Kerb Stone RD 12+80 (L.H.S)		5x4.9x5	4.8	24.5	41	3750	Cut Cube
5	Kerb Stone RD 12+80 (R.H.S)		6x5.9x6	7	35.4	29	1840	Cut Cube
6	Kerb Stone RD 12+80 (R.H.S)		6x6x6	7.2	36	41	2560	Cut Cube
7								
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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" 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