



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

775

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

Dr.M. Yousaf

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGHS Ghania Key)

Our Ref. No. CL/CED/

2259

Dated:

01-03-21

Your Ref. No.

IMC-LHR/SCRП/2020/
MaterialTesting/LHR-1

Dated:

26-02-21

COMPRESSION TEST REPORT

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

Specimens received

on:

26-02-21

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	25	1	2021	2.0x2.0x2.0	271	4	8	4410	
2	Mortar Cube	25	1	2021	2.0x2.0x2.0	270	4	4.5	2480	
3	Mortar Cube	25	1	2021	2.0x2.0x2.0	273	4	6	3310	
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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



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

775

To: **Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)**
Humqadam SCRP (M/s Astral Constructions)
Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GPS Tabbu Munday Key)

Dr.M. Yousaf

Our Ref. No. CL/CED/ 2260 Dated: 01-03-21

Your Ref. No. IMC-LHR/SCR/2020/
MaterialTesting/LHR-1 Dated: 26-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 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	25	1	2021	2.0x2.0x2.0	271	4	8	4410	
2	Mortar Cube	25	1	2021	2.0x2.0x2.0	270	4	4.5	2480	
3	Mortar Cube	25	1	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

775

To: **Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)**
Humqadam SCRP (M/s Astral Constructions)

Dr.M. Yousaf

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GES Ghania Key)

Our Ref. No. CL/CED/ 2261 Dated: 01-03-21

Your Ref. No. IMC-LHR/SCRIP/2020/
MaterialTesting/LHR-1 Dated: 26-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 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	26	1	2021	2.0x2.0x2.0	248	4	3.5	1930	
2	Mortar Cube	26	1	2021	2.0x2.0x2.0	258	4	2.5	1380	
3	Mortar Cube	26	1	2021	2.0x2.0x2.0	257	4	11.25	6200	
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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

775

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

Dr.M. Yousaf

Humqadam SCRП (M/s Astral Constructions)

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

Our Ref. No. CL/CED/

2262

Dated:

01-03-21

Your Ref. No.

IMC-LHR/SCRП/2020/
MaterialTesting/LHR-1

Dated:

26-02-21

COMPRESSION TEST REPORT

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

Specimens received

on:

26-02-21

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	18	1	2021	2.0x2.0x2.0	266	4	2.5	1380	
2	Mortar Cube	18	1	2021	2.0x2.0x2.0	269	4	55	30310	
3	Mortar Cube	18	1	2021	2.0x2.0x2.0	275	4	3.5	1930	
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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

774

To: Mr. Majid Yaseen (Senior District Engineer)

Dr.M. Yousaf

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (Chak 207 RB)
Taka Garh Chakhh)

Our Ref. No. CL/CED/

2264

Dated:

01-03-21

Your Ref. No.

IMC-LHR/SCRП/2020/
MaterialTesting/LHR-1

Dated:

26-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

26-02-21

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	Mortar Cube	19	2	2021	2.0x2.0x2.0	268	4	3	1660	
2	Mortar Cube	19	2	2021	2.0x2.0x2.0	272	4	7	3860	
3	Mortar Cube	19	2	2021	2.0x2.0x2.0	269	4	3.5	1930	
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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

774

Dr.M. Yousaf

To: Mr. Majid Yaseen (Senior District Engineer)
Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme IMC WorldWide (GGHS 24 GB)

Our Ref. No. CL/CED/ 2266 Dated: 01-03-21

Your Ref. No. IMC-LHR/SCR/2020/
MaterialTesting/LHR-1 Dated: 26-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 26-02-21 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	281	4	5	2760	
2	Mortar Cube	27	1	2021	2.0x2.0x2.0	278	4	3.5	1930	
3	Mortar Cube	27	1	2021	2.0x2.0x2.0	291	4	5	2760	
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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)

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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

726

To: **Mr. Muneeb Ur Rehman (Senior District Engineer)**
Humqadam SCRP Sialkot (M/s Sardar Gohar & Co. Islamabad)
Project: Retro - Fitting / Humqadam SCRP- Sialkot

Dr.M. Yousaf

Our Ref. No. CL/CED/ 2267-1of 2 Dated: 0-03-2021

Your Ref. No. Nil Dated: 18-02-21

COMPRESSION TEST REPORT

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

Specimens received on:

19-02-21

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 (GPS Gogial)	25	1	2021	2.0x2.0x2.0	268	4	12.25	6750	
2	Mortar Cube (GPS Gogial)	25	1	2021	2.0x2.0x2.0	254	4	13	7170	
3	Mortar Cube (GPS Gogial)	25	1	2021	2.0x2.0x2.0	248	4	11	6070	
4	Mortar Cube (GGPS Bhattian)	5	1	2021	2.0x2.0x2.0	271	4	12	6620	
5	Mortar Cube (GGPS Bhattian)	5	1	2021	2.0x2.0x2.0	253	4	5.25	2900	
6	Mortar Cube (GGPS Bhattian)	5	1	2021	2.0x2.0x2.0	264	4	13	7170	
7	Mortar Cube (GPS Saleh Pur)	8	1	2021	2.0x2.0x2.0	248	4	4	2210	
8	Mortar Cube (GPS Saleh Pur)	8	1	2021	2.0x2.0x2.0	253	4	4.5	2480	
9	Mortar Cube (GPS Saleh Pur)	8	1	2021	2.0x2.0x2.0	259	4	3.75	2070	
10	Mortar Cube (GPS Gojra #2)	2	2	2021	2.0x2.0x2.0	261	4	20.5	11300	
11	Mortar Cube (GPS Gojra #2)	2	2	2021	2.0x2.0x2.0	270	4	13	7170	
12	Mortar Cube (GPS Gojra #2)	2	2	2021	2.0x2.0x2.0	269	4	14	7720	
13	Mortar Cube (GPPS Mehtab)	18	1	2021	2.0x2.0x2.0	272	4	14	7720	
14	Mortar Cube (GPPS Mehtab)	18	1	2021	2.0x2.0x2.0	268	4	3.25	1800	
15	Mortar Cube (GPPS Mehtab)	18	1	2021	2.0x2.0x2.0	279	4	2.25	1240	
16										

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

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Director/Dy. Director Concrete Laboratory



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

726

Dr.M. Yousaf

To: Mr. Muneeb Ur Rehman (Senior District Engineer)
Humqadam SCRP Sialkot (M/s Sardar Gohar & Co. Islamabad)
Project: Retro - Fitting / Humqadam SCRP- Sialkot

Our Ref. No. CL/CED/ 2267-1of 2 Dated: 01-03-21

Your Ref. No. Nil Dated: 18-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-02-21 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 (GGPS Sabal Pur)	27	1	2021	2.0x2.0x2.0	273	4	15	8270	
2	Mortar Cube (GGPS Sabal Pur)	27	1	2021	2.0x2.0x2.0	269	4	8.75	4830	
3	Mortar Cube (GGPS Sabal Pur)	27	1	2021	2.0x2.0x2.0	265	4	12.75	7030	
4	Mortar Cube (GES Darya Bider)	25	1	2021	2.0x2.0x2.0	268	4	12	6620	
5	Mortar Cube (GES Darya Bider)	25	1	2021	2.0x2.0x2.0	259	4	12	6620	
6	Mortar Cube (GES Darya Bider)	25	1	2021	2.0x2.0x2.0	254	4	6.5	3590	
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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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Director/Dy. Director Concrete Laboratory