



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

529

To: Engr. Muhammad Husnain (Resident Engineer)
Associated Consulting Engineers ACE Limited. (M/S Zarif Khan Hussainzai & Brothers)
Project: Establishment of Danish School at TAUNSA, District DG Khan.

Dr. Mazar Saleem

Our Ref. No. CL/CED/ 1913 Dated: 01-02-21

Your Ref. No. ARTS /DTS/ZKHB/2021-137 Dated: 23-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 25-01-21 Tested on: 01-02-21 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	MK		8.7x4.1x2.8	2635	35.67	43	2700	
2	MK		8.8x4.1x2.9	2722	36.08	37	2300	
3	MK		8.7x4.0x2.7	2652	34.8	45	2900	
4	MK		8.7x4.0x2.8	2639	34.8	29	1870	
5	MK		8.7x4.1x2.8	2683	35.67	55	3460	
6	MK		8.7x4.1x2.9	2656	35.67	39	2450	
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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

575

To: **Mr. Majid Yaseen (Provincial Construction Supervision Manager)**
Humqadam SCRП (M/s Astral Constructions)

Dr. Mazhar Saleem

Project: Humqadam-School Construction and Rehabilitation Programme (GGHS CHAK 433)

Our Ref. No. CL/CED/ 1914 Dated: 01-02-21

Your Ref. No. IMC-LHR/SCRП/2020/
Material Testing/FSD-1 Dated: 27-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-01-21 Tested on: 01-02-21 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	19	1	2021	2.0x2.0x2.0	257	4	3.8	2100	
2	Mortar Cube	19	1	2021	2.0x2.0x2.0	261	4	3.7	2040	
3	Mortar Cube	19	1	2021	2.0x2.0x2.0	260	4	2.1	1160	
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To: Mr. Majid Yaseen (Provincial Construction Supervision Manager)

Dr. Mazhar Saleem

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (GGHS CHAK 433)

Our Ref. No. CL/CED/

1915

Dated:

01-02-21

Your Ref. No.

IMC-LHR/SCRП/2020/

MaterialTesting/FSD-1

Dated:

27-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

29-01-21

Tested on:

01-02-21

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	19	1	2021	2.0x2.0x2.0	257	4	3.8	2100	
2	Mortar Cube	19	1	2021	2.0x2.0x2.0	261	4	3.7	2040	
3	Mortar Cube	19	1	2021	2.0x2.0x2.0	260	4	2.1	1160	
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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

575

To: **Mr. Muhammad Majid Yaseen**

Dr. Mazhar Saleem

Hamqadam SCRP (M/S Astral Construction)

Project: Hamqadam School Construction and Rehabilitation Programme(GPS CHAK 239 GB)

Our Ref. No. CL/CED/ 1916 Dated: 01-02-21

Your Ref. No. IMC-FSD/SCRP/2021/
Material Testing/FSD-1 Dated: 27-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-01-21 Tested on: 01-02-21 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		20	1	2021	6Diax12	13.8	28.28	33	2620	Non Engraved
2		20	1	2021	6Diax12	13	28.28	31	2460	Non Engraved
3		20	1	2021	6Diax12	13	28.28	23	1830	Non Engraved
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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

577

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

Dr. Mazhar Saleem

Humqadam SCRIP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (GGHS Ellah Abad)

Our Ref. No. CL/CED/ 1917 Dated: 01-02-21

Your Ref. No. IMC-LHR/SCRIP/2020/
Material Testing/LHR-1 Dated: 29-01-21

COMPRESSION TEST REPORT

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

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		/Wet Weight (gms)								
1	Mortar Cube	22	1	2021	2.0x2.0x2.0	271	4	7.3	4030	
2	Mortar Cube	22	1	2021	2.0x2.0x2.0	264	4	3.9	2150	
3	Mortar Cube	22	1	2021	2.0x2.0x2.0	269	4	10.5	5790	
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University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

577

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

Dr. Mazhar Saleem

Humqadam SCRП (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (GGHS Rao Khan Wala)

Our Ref. No. CL/CED/

1918

Dated:

01-02-21

Your Ref. No.

IMC-LHR/SCRП/2020/

MaterialTesting/LHR-1

Dated:

29-01-21

COMPRESSION TEST REPORT

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		/Wet Weight (gms)								
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3	Mortar Cube	22	1	2021	2.0x2.0x2.0	268	4	14.4	7940	
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To: Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)

Dr. Mazhar Saleem

Humqadam SCRP (M/s Astral Constructions)

Project: Humqadam-School Construction and Rehabilitation Programme (Ghanakar)

Our Ref. No. CL/CED/ 1919 Dated: 01-02-21

Your Ref. No. IMC-LHR/SCRP/2020/
MaterialTesting/LHR-1 Dated: 29-01-21

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		Month	Day	Year						
1		23	12	2020	6Diax12	13	28.28	51	4040	Non Engraved
2		23	12	2020	6Diax12	14	28.28	21	1670	Non Engraved
3		23	12	2020	6Diax12	13.6	28.28	43	3410	Non Engraved
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577

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

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 1920 Dated: 01-02-21

Your Ref. No. IMC-LHR/SCRP/2020/
Material Testing/LHR-1 Dated: 29-01-21

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2		21	1	2021	6Diax12	13.4	28.28	41	3250	Non Engraved
3		21	1	2021	6Diax12	13.2	28.28	43	3410	Non Engraved
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