



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

212

To: **Mudessar Iqbal (Manager QC)**
Country Developers (Pvt.) Ltd.
Project: Punjab Group of Colleges (PGC)-Gujranwala

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1366 Dated: 11-12-20

Your Ref. No. Nil Dated: 02-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 02-12-20 Tested on: 11-12-20 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	Retaining Wall, Grid GL 9-12	13	11	2020	6Diax12	13.6	28.28	53	4200	Non Engraved
2	Retaining Wall, Grid GL 9-12	13	11	2020	6Diax12	13.2	28.28	45	3570	Non Engraved
3	Lift Area Foundation	14	11	2020	6Diax12	14	28.28	57	4520	Non Engraved
4	Lift Area Foundation	14	11	2020	6Diax12	14	28.28	53	4200	Non Engraved
5	Basement Columns	17	11	2020	6Diax12	13.4	28.28	53	4200	Non Engraved
6	Basement Columns	17	11	2020	6Diax12	13.4	28.28	49	3890	Non Engraved
7	Slab on Grade (SOG) 5-9/C-E	22	11	2020	6Diax12	14	28.28	57	4520	Non Engraved
8	Slab on Grade (SOG) 5-9/C-E	22	11	2020	6Diax12	14	28.28	61	4840	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



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Phone Nos. 042-99029202, 042-99029217

242

To: Hassan Khan Sherwani (Provincial Construction Supervision Manager)
Humqadam SCRP (M/s Astral Constructions)
Project: Humqadam-School Construction and Rehabilitation Programme (Khuddiya Khas)

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 1367 Dated: 11-12-20

Your Ref. No. IMC-LHR/SCRP/2020/Material Testing/LHR-1 Dated: 08-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-20 Tested on: 11-12-20 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		2	12	2020	6Diax12	13	28.28	31	2460	Non Engraved
2		2	12	2020	6Diax12	13	28.28	31	2460	Non Engraved
3		2	12	2020	6Diax12	13	28.28	23	1830	Non Engraved
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

242

To: **Hassan Khan Sherwani (Provincial Construction Supervision Manager)**
Humqadam SCRП (M/s Astral Constructions)
Project: Humqadam-School Construction and Rehabilitation Programme (Qadi Wind)

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1368 Dated: 11-12-20

Your Ref. No. IMC-LHR/SCRП/2020/
MaterialTesting/LHR-1 Dated: 08-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 10-12-20 Tested on: 11-12-20 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	3	12	2020	2.0x2.0x2.0	280	4	2.1	1160	
2	Mortar Cube	3	12	2020	2.0x2.0x2.0	283	4	4.6	2540	
3	Mortar Cube	3	12	2020	2.0x2.0x2.0	281	4	5.6	3090	
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To: Engr. Irfan Ali (Manager: Projects)

Dr. Mazhar Saleem

Ittefaq Construction Services, Lahore

Project: Construction of Commercial Double Tee Halls at Ranyal Factory Sheikhpura Road, Lahore

Our Ref. No. CL/CED/

1369

Dated:

11-12-20

Your Ref. No.

ICS/H.O/R.D.T.H/01

Dated:

26-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 26-11-20 Tested on: 11-12-20 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	F		8.7x4.2x3.0	3154	36.54	37	2270	
2	F		8.7x4.1x2.9	3106	35.67	29	1830	
3	F		8.5x4.2x2.7	3016	35.7	33	2080	
4	F		8.7x4.1x2.8	3156	35.67	29	1830	
5	F		8.6x4.2x2.8	2986	36.12	27	1680	
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To: **Muhammad Aslam (Manager C, R &M)**
Allied Bank Ltd., Engineering Cell Multan

Dr. Mazhar Saleem

Project: Construction of Allied Bank Limited Industrial Area Branch & Regional Office, Rahim Yar Khan

Our Ref. No. CL/CED/ 1370 Dated: 11-12-20

Your Ref. No. GHQ/S2/CRM/MA/2020/439 Dated: 27-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-12-20 Tested on: 11-12-20 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	2nd Floor Column	2	11	2020	6Diax12	13.4	28.28	35	2780	Engraved
2	2nd Floor Column	2	11	2020	6Diax12	13.8	28.28	31	2460	Engraved
3	2nd Floor Column	2	11	2020	6Diax12	13.4	28.28	53	4200	Engraved
4	2nd Floor Slab	19	11	2020	6Diax12	13.2	28.28	27	2140	Engraved
5	2nd Floor Slab	19	11	2020	6Diax12	13	28.28	25	1980	Engraved
6	2nd Floor Slab	19	11	2020	6Diax12	13	28.28	33	2620	Engraved
7	1st Floor Slab	28	10	2020	6Diax12	14	28.28	53	4200	Engraved
8	1st Floor Slab	28	10	2020	6Diax12	14	28.28	59	4680	Engraved
9	1st Floor Slab	28	10	2020	6Diax12	14	28.28	53	4200	Engraved
10	1st Floor Column	12	10	2020	6Diax12	13.8	28.28	45	3570	Engraved
11	1st Floor Column	12	10	2020	6Diax12	14	28.28	67	5310	Engraved
12	1st Floor Column	12	10	2020	6Diax12	14	28.28	63	4990	Engraved
13	G. Floor Slab	6	10	2020	6Diax12	13.8	28.28	55	4360	Engraved
14	G. Floor Slab	6	10	2020	6Diax12	14	28.28	57	4520	Engraved
15	G. Floor Slab	6	10	2020	6Diax12	13.6	28.28	59	4680	Engraved
16										

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To: **Manager C, R &M**

Dr.Mazhar Saleem

Allied Bank Ltd., Engineering Cell Multan

Project: Construction of Allied Bank Limited High Street Branch, Sahiwal (0352)

Our Ref. No. CL/CED/

1371

Dated:

11-12-20

Your Ref. No.

Nil

Dated:

04-12-20

COMPRESSION TEST REPORT

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

Specimens received on: 08-12-20 Tested on: 11-12-20 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	Locker Room Wall & Stair	5	11	2020	6Diax12	13	28.28	61	4840	Non Engraved
2	Locker Room Wall & Stair	5	11	2020	6Diax12	12.8	28.28	67	5310	Non Engraved
3	Locker Room Wall & Stair	5	11	2020	6Diax12	14	28.28	63	4990	Non Engraved
4	1st Floor Columns	4	11	2020	6Diax12	13.4	28.28	61	4840	Non Engraved
5	1st Floor Columns	4	11	2020	6Diax12	13	28.28	69	5470	Non Engraved
6	1st Floor Columns	4	11	2020	6Diax12	13	28.28	63	4990	Non Engraved
7										
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