



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

430

Dr. Yousaf

To: **Muhammad Aqeel Bhatti (Project Manager)**

Kingcrete Builders

Project: Construction of Cargo Building at Allama Iqbal International Airport Lahore

Our Ref. No. CL/CED/

1706

Dated:

19-01-21

Your Ref. No.

KB/GD_CB/AHA-LHR-
/050

Dated:

04-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

14-01-21

Tested on:

15-01-21

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		7.7x3.7x2.3	2666	28.49	124	9750	
2	Rectangular Grey		7.7x3.7x2.3	2668	28.49	132	10380	
3	Rectangular Grey		7.7x3.7x2.3	2726	28.49	116	9120	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departament?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

406

Dr. Yousaf

To: Z.H.Kazmi (Principal Architect)

Z.H.Kazmi & Associates

Project: Construction of New Godowns & Infrastructure at Allied Bank Limited Warehouse 18- Hazari, Jhang

Our Ref. No. CL/CED/

1707

Dated:

19-01-21

Your Ref. No.

Nil

Dated:

08-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

08-01-21

Tested on:

18-01-21

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	777		8.7x4.2x2.8	2789	36.54	53	3250	
2	777		8.6x4.2x2.7	2769	36.12	37	2300	
3	777		8.7x4.1x2.8	2791	35.67	39	2450	
4	777		8.6x4.2x2.9	2696	36.12	31	1930	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

459

Dr. Mazar

To: **Riaz Ahmad**
Riaz Construction.CO
Project: Nil

Our Ref. No. CL/CED/ 1708 Dated: 19-01-21

Your Ref. No. Nil Dated: 15-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-01-21 Tested on: 18-01-21 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	Havale Manta	16	12	20	6x6x6	8.4	36	83	5170	
2	Havale Manta	16	12	20	6x6x6	8.4	36	90	5600	
3	Kot Atta Allah	2	12	20	6x6x6	8.4	36	83	5170	
4	Kot Atta Allah	2	12	20	6x6x6	8.6	36	86	5360	
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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

444

Dr. Mazar

To: Sub Divisional Officer
Building Sub Division, Pattoki.
Project: RE-Construction of Dangerous Building (ADP-2020-21/ GS No.

Our Ref. No. CL/CED/ 1708 Dated: 19-01-21

Your Ref. No. Nil Dated: 15-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-01-21 Tested on: 18-01-21 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	Havale Manta	16	12	20	6x6x6	8.4	36	83	5170	
2	Havale Manta	16	12	20	6x6x6	8.4	36	90	5600	
3	Kot Atta Allah	2	12	20	6x6x6	8.4	36	83	5170	
4	Kot Atta Allah	2	12	20	6x6x6	8.6	36	86	5360	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

400

Dr.Mazhar Saleem

To: **Sub Divisional Officer**
Buildings, Shahkot

Project: Construction of Record Room in Judicial Complex Shahkot District Nankana Sahib

Our Ref. No. CL/CED/ 1710 Dated: 19-01-21

Your Ref. No. 2389-SKT Dated: 07-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-21 Tested on: 18-01-21 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	S1		8.8x4.2x2.8	3125	36.96	39	2370	
2	S1		8.7x4.2x3.0	3040	36.54	30	1840	
3	S1		8.8x4.3x2.9	3060	37.84	35	2080	
4	S1		8.8x4.2x3.0	3029	36.96	41	2490	
5	S1		8.9x4.1x3.0	3083	36.49	37	2280	
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

444

To: Sub Divisional Officer

Dr. Mazhar Saleem

Buildings Sub Division, Pattoki**Project: Re-Constr. of Dangerous Building (ADP 2020-21/GS No.17, (i) EMIS Code-35110159, Re-Constr. of 2 Class Rooms at Govt Boys Primary School Lambay Khalsa Tehsil Chunian Distt. Kasur, (ii) EMIS Code-35130120 etc.**

Our Ref. No. CL/CED/ 1711 Dated: 19-01-21

Your Ref. No. 1 Dated: 04-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 13-01-21 Tested on: 18-01-21 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	SM		8.8x4.3x3.0	3448	37.84	73	4330	
2	SM		8.9x4.3x3.0	3511	38.27	63	3690	
3	SM		8.8x4.2x3.0	3477	36.96	56	3400	
4	SM		8.9x4.3x3.1	3417	38.27	51	2990	
5	SM		9.0x4.3x3.0	3463	38.7	63	3650	
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460

To: **Mr. Abdul Ghafoor Khan Niazi (Resident Engineer CPEC-Package3 Mianwali)** Dr. Mazhar Saleem
H&TE Sec., Nespak (Pvt.) Ltd. Islamabad (M/s Khan Brick Fateh Jang)
Project: China-Pakistan Economic Corridor (CPEC), Western Route Hakla (on M1) ~ Yarak (D.I.Khan)
Motorway, Package-3 (Tarap to Kot Belian)

Our Ref. No. CL/CED/ 1712-1 of 3 Dated: 19-01-21

Your Ref. No. CPEC/Nespak/CS/RE /PKG3/21/1784 Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-01-21 Tested on: 18-01-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	Remarks
		/Wet Weight	(in)	(lbs./gms)	X-Section	load	Stress	
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	Rectangular Grey		7.8x3.8x2.3	2567	29.64	71	5370	
2	Rectangular Grey		7.8x3.8x2.3	2783	29.64	104	7860	
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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

438

To: Mr. Majid Yasin (Senior District Engineer)

Dr. Mazhar Saleem

Humqadam (SCRP) Program, Faisalabad

Project: Retrofitting Work of Humqadam SCRPs School Building of District Faisalabad (EMIS-33150173 GGES Chak 25 JB)

Our Ref. No. CL/CED/ 1713 Dated: 19-01-21

Your Ref. No. Retro/FSD/SardarGohar-01 Dated: 09-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 18-01-21 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	12	2020	2.0x2.0x2.0	270	4	8	4410	
2	Mortar Cube	28	12	2020	2.0x2.0x2.0	281	4	5.8	3200	
3	Mortar Cube	28	12	2020	2.0x2.0x2.0	278	4	4.7	2590	
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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

438

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

Dr. Mazhar Saleem

Humqadam (SCRP) Program, Faisalabad

**Project: Retrofitting Work of Humqadam SCRP School Building of District Faisalabad (EMIS-33140076
GPS MC Sher Singh Walla FSD)**

Our Ref. No. CL/CED/ 1714 Dated: 19-01-21

Your Ref. No. Retro/FSD/SardarGohar-01 Dated: 09-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 18-01-21 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	26	12	2020	2.0x2.0x2.0	271	4	9.5	5240	
2	Mortar Cube	26	12	2020	2.0x2.0x2.0	273	4	5.5	3040	
3	Mortar Cube	26	12	2020	2.0x2.0x2.0	283	4	5.6	3090	
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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

438

To: Mr. Majid Yasin (Senior District Engineer)

Dr. Mazhar Saleem

Humqadam (SCRP) Program, Faisalabad

Project: Retrofitting Work of Humqadam SCRP School Building of District Faisalabad (EMIS-33140036 GPS 219 RB II)

Our Ref. No. CL/CED/ 1715 Dated: 19-01-21

Your Ref. No. Retro/FSD/SardarGohar-01 Dated: 09-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

12-01-21

Tested on:

18-01-21

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	12	2020	2.0x2.0x2.0	283	4	4.1	2260	
2	Mortar Cube	27	12	2020	2.0x2.0x2.0	280	4	7.9	4360	
3	Mortar Cube	27	12	2020	2.0x2.0x2.0	281	4	3.2	1770	
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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

438

To: Mr. Majid Yasin (Senior District Engineer)

Dr. Mazhar Saleem

Humqadam (SCRIP) Program, Faisalabad

Project: Retrofitting Work of Humqadam SCRIP School Building of District Faisalabad (EMIS-33110026
GPS Chak 225 RB II Elahi Abad FSD)

Our Ref. No. CL/CED/

1716

Dated:

19-01-21

Your Ref. No.

Retro/FSD/SardarGohar-01

Dated:

09-01-21

COMPRESSION TEST REPORT

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

Specimens received on:

12-01-21

Tested on:

18-01-21

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	12	2020	2.0x2.0x2.0	276	4	8.6	4740	
2	Mortar Cube	19	12	2020	2.0x2.0x2.0	271	4	9.9	5460	
3	Mortar Cube	19	12	2020	2.0x2.0x2.0	279	4	8.7	4800	
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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

439

To: Mr. Majid Yasin (Senior District Engineer)

Dr. Mazhar Saleem

Humqadam (SCRP) Program, Faisalabad (M/s SardarGohar & Co.)**Project: Retrofitting Work of Humqadam SCR, District Faisalabad, (1) EMIS-33110140GGES Chak 217 RB Sultan Town, (2) EMIS-33110401 GPS 217 RB Sultan Wala**

Our Ref. No. CL/CED/ 1717 Dated: 19-01-21

Your Ref. No. Retro/FSD/SardarGohar-01 Dated: 11-01-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-21 Tested on: 18-01-21 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 (Sultan Town)	13	12	2020	2.0x2.0x2.0	272	4	2	1110	
2	Mortar Cube (Sultan Town)	13	12	2020	2.0x2.0x2.0	269	4	6.5	3590	
3	Mortar Cube (Sultan Town)	13	12	2020	2.0x2.0x2.0	278	4	4.6	2540	
4	Mortar Cube (Sultan Wala)	13	12	2020	2.0x2.0x2.0	280	4	4.5	2480	
5	Mortar Cube (Sultan Wala)	13	12	2020	2.0x2.0x2.0	282	4	9.6	5290	
6	Mortar Cube (Sultan Wala)	13	12	2020	2.0x2.0x2.0	277	4	7.4	4080	
7										
8										
9										
10										
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16										

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

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To: **Mr. Hassan Khan Sherwani (Provincial Construction Supervision Manager)**
Humqadam SCRП (M/s Dawn Construction)

Dr. Mazhar Saleem

Project: Humqadam School Construction and Rehabilitation Programme (Plaster)

Our Ref. No.
CL/CED/

1718

Dated: 19-01-21

Your Ref. No.

IMC-LHR/SCRП/2020/
Material Testing/LHR-3

Dated: 07-01-21

COMPRESSION TEST REPORT

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

Specimens received
on:

07-01-21

Tested on:

18-01-21 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	1	2021						
1	Mortar Cube	1	1	2021	2.0x2.0x2.0	283	4	5.7	3150	
2	Mortar Cube	1	1	2021	2.0x2.0x2.0	279	4	2.4	1330	
3	Mortar Cube	1	1	2021	2.0x2.0x2.0	269	4	8.4	4630	
4	Mortar Cube	1	1	2021	2.0x2.0x2.0	284	4	7.7	4250	
5	Mortar Cube	1	1	2021	2.0x2.0x2.0	275	4	2.9	1600	
6	Mortar Cube	1	1	2021	2.0x2.0x2.0	289	4	4.3	2370	
7	Mortar Cube	1	1	2021	2.0x2.0x2.0	281	4	3.6	1990	
8	Mortar Cube	1	1	2021	2.0x2.0x2.0	280	4	4.5	2480	
9	Mortar Cube	1	1	2021	2.0x2.0x2.0	272	4	3.7	2040	
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory