



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

139

To: **M Aktam Mirza TI (M) (Group Captain) (Manager HR & Admin)**
Bedouin (Pvt.) Ltd. Lahore Cantt.
Project: Construction of Production Hall at Factory Site

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1237 Dated: 24-11-20

Your Ref. No. Nil Dated: 07-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 16-11-20 Tested on: 23-11-20 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		7	11	2020	6x6x6	8.8	36	49	3050	Engraved
2		7	11	2020	6x6x6	9	36	31	1930	Engraved
3		7	11	2020	6x6x6	9	36	57	3550	Engraved
4		7	11	2020	6x6x6	8.8	36	47	2930	Engraved
5		7	11	2020	6x6x6	9	36	63	3920	Engraved
6		7	11	2020	6x6x6	8.6	36	53	3300	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" 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

140

To: Assistant Executive Engineer

Dr. Mazhar Saleem

KBCMA, CVAS, Narowal

Project: Constt. of External Sewerage System Water Supply / Fire Fighting System, Over Head Water Tank (50000-Gallons) Sewerage Equalization Tank No. 1&2, Disposal Tank No.1&2 Tubewell & Tubewell Chamber, Septic Tank (1-2), Oil Separator, Grease Trap at CVAS Narowal

Our Ref. No. CL/CED/

1238

Dated:

24-11-20

Your Ref. No.

AEE/NC/27

Dated:

11-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-11-20 Tested on: 23-11-20 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	Disposal Tank#2	17	10	2020	6x6x6	8.6	36	91	5670	Non Engraved
2	Disposal Tank#2	17	10	2020	6x6x6	9	36	102	6350	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

142

To: **Azam Wahab (Construction Manager)**

Dr. Mazhar Saleem

Akhunzada Associates (Pvt.) Ltd. Peshawar

Project: Construction of 01 No. 03 Storey Building in Sheikhpura Punjab Pakistan

Our Ref. No. CL/CED/ 1239 Dated: 24-11-20

Your Ref. No. AA/UNOPS/UET/016 Dated: 17-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 17-11-20 Tested on: 23-11-20 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	Ground Floor Slab	8	11	2020	6Diax12	14.6	28.28	51	4040	Engraved
2	Ground Floor Slab	8	11	2020	6Diax12	14.6	28.28	49	3890	Engraved
3	Ground Floor Slab	8	11	2020	6Diax12	14	28.28	53	4200	Engraved
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

149

To: **M. Sohail Anjum (Project Manager)**

Dr. Mazhar Saleem

P-156 Gulberg II, Lahore

Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/

1240

Dated:

24-11-20

Your Ref. No.

P-156-172

Dated:

18-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

18-11-20

Tested on:

23-11-20

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	634 (3000 Psi)	21	10	2020	6Diax12	14.6	28.28	63	4990	Non Engraved
2	636 (3000 Psi)	21	10	2020	6Diax12	14.4	28.28	57	4520	Non Engraved
3	637 (3000 Psi)	21	10	2020	6Diax12	14.2	28.28	61	4840	Non Engraved
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Director/Dy. Director Concrete Laboratory



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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

149

To: **M. Sohail Anjum (Project Manager)**

Dr. Mazhar Saleem

P-156 Gulberg II, Lahore

Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/

1241

Dated:

24-11-20

Your Ref. No.

P-156-171

Dated:

18-11-20

COMPRESSION TEST REPORT

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

Specimens received on:

18-11-20

Tested on:

23-11-20

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	628 (4500 Psi)	21	10	2020	6Diax12	14.6	28.28	81	6420	Non Engraved
2	629 (4500 Psi)	21	10	2020	6Diax12	14.8	28.28	79	6260	Non Engraved
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162

Dr. Mazhar Saleem

To: M. Sohail Anjum (Project Manager)
P-156 Gulberg II, Lahore
Project: Construction of P-156 Gulberg II, Lahore

Our Ref. No. CL/CED/ 1242 Dated: 24-11-20

Your Ref. No. P-156-173 Dated: 20-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-11-20 Tested on: 23-11-20 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	671 (3000 Psi)	12	11	2020	6Diax12	14.4	28.28	53	4200	Non Engraved
2	672 (3000 Psi)	12	11	2020	6Diax12	14.4	28.28	49	3890	Non Engraved
3	673 (3000 Psi)	12	11	2020	6Diax12	14	28.28	55	4360	Non Engraved
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

151

To: **Khalil Ahmad (Project Manager)**
SA Gardens (Pvt.) Ltd. KSK
Project: SA Garden Kala Shah Kaku, Phase-1

Dr.Mazhar Saleem

Our Ref. No. CL/CED/ 1243 Dated: 24-11-20

Your Ref. No. SA/PM/Amphitheater/204 Dated: 17-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 18-11-20 Tested on: 23-11-20 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	Stage Area	12	10	2020	6x6x6	8.4	36	53	3300	Non Engraved
2	Stage Area	12	10	2020	6x6x6	8.4	36	43	2680	Non Engraved
3	Stage Area	12	10	2020	6x6x6	8.6	36	49	3050	Non Engraved
4	Wing Wall West Side	20	10	2020	6x6x6	8.4	36	51	3180	Non Engraved
5	Wing Wall West Side	20	10	2020	6x6x6	8.4	36	43	2680	Non Engraved
6	Wing Wall West Side	20	10	2020	6x6x6	8.6	36	47	2930	Non Engraved
7	Retaining Wall East Side	22	10	2020	6x6x6	8.2	36	31	1930	Non Engraved
8	Retaining Wall East Side	22	10	2020	6x6x6	8.4	36	25	1560	Non Engraved
9	Retaining Wall East Side	22	10	2020	6x6x6	8.2	36	33	2060	Non Engraved
10	D Area	24	10	2020	6x6x6	8.6	36	53	3300	Non Engraved
11	D Area	24	10	2020	6x6x6	8.6	36	49	3050	Non Engraved
12	D Area	24	10	2020	6x6x6	8.2	36	47	2930	Non Engraved
13	Retaining Wall East Side	10	11	2020	6x6x6	8.8	36	65	4050	Non Engraved
14	Retaining Wall East Side	10	11	2020	6x6x6	8.4	36	57	3550	Non Engraved
15	Retaining Wall East Side	10	11	2020	6x6x6	8.8	36	57	3550	Non Engraved
16										

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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

155

To: Resident Engineer

Dr. Mazhar Saleem

Mascon Associates (Pvt.) Ltd.

Project: Pilot Urban Rehabilitation & Infrastructure Improvement Package-IV (From Chowk Purani Kotwali to Sonehri Masjid Via Dabbi Bazar)

Our Ref. No. CL/CED/ 1244 Dated: 24-11-20

Your Ref. No. MAS/WCLA/20/015 Dated: 18-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-11-20 Tested on: 23-11-20 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		6	11	2020	6x6x6	8.8	36	63	3920	Non Engraved
2		6	11	2020	6x6x6	8.8	36	63	3920	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

157

To: **Muhammad Waris Jan (Sr. Engineer, Welding & NDT)**
Engineering Kinetics (Pvt.) Ltd. Lahore
Project: DHA Phase 5 (Civil Work) P-163

Dr. Mazhar Saleem

Our Ref. No. CL/CED/ 1245 Dated: 24-11-20

Your Ref. No. Nil Dated: 18-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 19-11-20 Tested on: 23-11-20 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		22	10	2020	6Diax12	14	28.28	47	3730	Non Engraved
2		22	10	2020	6Diax12	14	28.28	53	4200	Non Engraved
3		22	10	2020	6Diax12	14	28.28	43	3410	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

173

Dr. Umbreen

To: **Muhammad Azhar Bhaur (Architect, CEO Stone Pakistan)**
Stone Pakistan Lahore
Project: Gypsocrete (Kohatkarak)

Our Ref. No. CL/CED/ 1246 Dated: 24-11-20

Your Ref. No. Nil Dated: 23-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-11-20 Tested on: 24-11-20 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	Sample 1	26	10	2020	6x6x6	4.2	36	12	750	Non Engraved
2	Sample 2	26	10	2020	6x6x6	4	36	11.5	720	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

170

Dr. Umbreen

To: Muhammad Waseem (Project Manager)
Mukhtar Sons Construction (Pvt.) Ltd.
Project: Naveena Apartments, 35-C, Gulberg III, Lahore

Our Ref. No. CL/CED/ 1247 Dated: 24-11-20

Your Ref. No. Nil Dated: 23-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 23-11-20 Tested on: 24-11-20 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	Hollow Block		16.0x5.9x7.8	22	57.4	73	2850	
2	Hollow Block		16.0x5.9x7.9	21.8	57.4	63	2460	
3	Hollow Block		16.0x5.9x7.8	21	57.4	61	2380	
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Director/Dy. Director Concrete Laboratory



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147

Dr. Umbreen

To: **Shahid Jameel (Construction Manager)**
Mughals Pakistan (Pvt.) Ltd. Lahore
Project: Construction of EOBI Hotel & Mixed Use Development, Lahore

Our Ref. No. CL/CED/ 1248 Dated: 24-11-20

Your Ref. No. 786/MPL-0064/141105/2020 Dated: 14-11-20

COMPRESSION TEST REPORT

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

Specimens received on: 18-11-20 Tested on: 24-11-20 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	Hollow Block		15.5x7.8x7.5	19	71.78	65	2030	
2	Hollow Block		15.5x7.8x7.4	19.4	71.78	61	1910	
3	Hollow Block		15.5x7.8x7.5	19.2	71.78	65	2030	
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*** 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

160

Dr. Umbreen

To: Sub Divisional Officer

Public Health Engg: Sub Divisiona, Sialkot

Project: Providing & Laying of RCC Sewer, Tuff Tile and Construction of Disposal Station Nasir Road Prem Nagar Road EIC School to Nullah Bhed U/C Model Town, Tehsil & Distt. Sialkot

Our Ref. No. CL/CED/

1249

Dated:

24-11-20

Your Ref. No.

485/sd

Dated:

05-10-20

COMPRESSION TEST REPORT

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

Specimens received on:

20-11-20

Tested on:

24-11-20

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	Uni-block Grey		2.4 Thick	3498	37.25	180	10830	
2	Uni-block Grey		2.4 Thick	3490	37.25	180	10830	
3	Uni-block Grey		2.4 Thick	3480	37.25	180	10830	
4	Uni-block Grey		2.4 Thick	3435	37.25	174	10470	
5	Uni-block Grey		3.1 Thick	4630	37.25	118	7100	
6	Uni-block Grey		3.1 Thick	4636	37.25	160	9630	
7	Uni-block Grey		3.1 Thick	4681	37.25	128	7700	
8	Uni-block Grey		3.1 Thick	4612	37.25	130	7820	
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12								
13								
14								
15								
16								

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

160

Dr. Umbreen

To: **Sub Divisional Officer**

Public Health Engg: Sub Divisiona, Sialkot

Project: Providing & Laying of RCC Sewer, Tuff Tile and Construction of Disposal Station Mohallah Water Works to Abbot Road Phatak and Along the Railway Line to Dara Arrian U/C Water Works, Tehsil & Distt. Sialkot

Our Ref. No. CL/CED/

1250

Dated:

24-11-20

Your Ref. No.

517/sd

Dated:

26-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-11-20 Tested on: 24-11-20 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	Uni-block Grey		2.4 Thick	3522	37.25	160	9630	
2	Uni-block Grey		2.4 Thick	3386	37.25	172	10350	
3	Uni-block Grey		2.4 Thick	3407	37.25	176	10590	
4	Uni-block Grey		2.4 Thick	3461	37.25	160	9630	
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15								
16								

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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

166

To: **Muhammad Yousaf Javed (Director Projects Civil)**
Mecatech (Pvt.) Ltd. Lahore

Dr.Mazhar Saleem

Project: Construction of Balance Works of SBP New Office Building at Sialkot

Our Ref. No. CL/CED/ 1251 Dated: 24-11-20

Your Ref. No. MPL/PD/SBPS/2011/296-MA Dated: 20-10-20

COMPRESSION TEST REPORT

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

Specimens received on: 20-11-20 Tested on: 23-11-20 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	Solid Block		12.0x6.0x7.9	19	72	17	530	
2	Solid Block		12.0x6.0x7.9	19.2	72	26.5	830	
3	Solid Block		12.0x6.0x7.8	18	72	16	500	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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