



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

1224

Dr. Umbreen

To: Engr. Amir Mayo (Project Engineer)
M/s Design Matrix (Pvt.) Ltd. Lahore.
Project: Construction of Karim Block Plaza

Our Ref. No. CL/CED/ 3175 Dated: 25-05-21

Your Ref. No. Nil Dated: 18-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-05-21 Tested on: 24-05-21 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		6	5	2021	6Diax12	13.6	28.28	63	4990	Non Engraved
2		6	5	2021	6Diax12	13.8	28.28	55	4360	Non Engraved
3		6	5	2021	6Diax12	14	28.28	53	4200	Non Engraved
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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



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

1224

Dr. Umbreen

To: Engr. Amir Mayo (Project Engineer)
M/s Design Matrix (Pvt.) Ltd. Lahore.
Project: Construction of Karim Block Plaza

Our Ref. No. CL/CED/ 3176 Dated: 25-05-21

Your Ref. No. Nil Dated: 18-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-05-21 Tested on: 24-05-21 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		8	5	2021	6Diax12	13	28.28	41	3250	Non Engraved
2		8	5	2021	6Diax12	13.6	28.28	43	3410	Non Engraved
3		8	5	2021	6Diax12	13.1	28.28	41	3250	Non Engraved
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1224

Dr. Umbreen

To: Engr. Amir Mayo (Project Engineer)
M/s Design Matrix (Pvt.) Ltd. Lahore.
Project: Construction of Karim Block Plaza

Our Ref. No. CL/CED/ 3177 Dated: 25-05-21

Your Ref. No. Nil Dated: 18-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-05-21 Tested on: 24-05-21 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		5	5	2021	6Diax12	13.8	28.28	61	4840	Non Engraved
2		5	5	2021	6Diax12	13.8	28.28	61	4840	Non Engraved
3		5	5	2021	6Diax12	13.8	28.28	66	5230	Non Engraved
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1224

Dr. Umbreen

To: Engr. Amir Mayo (Project Engineer)
M/s Design Matrix (Pvt.) Ltd. Lahore.
Project: Construction of Karim Block Plaza

Our Ref. No. CL/CED/ 3178 Dated: 25-05-21

Your Ref. No. Nil Dated: 18-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-05-21 Tested on: 24-05-21 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		3	5	2021	6Diax12	13.1	28.28	41	3250	Non Engraved
2		3	5	2021	6Diax12	13.4	28.28	39	3090	Non Engraved
3		3	5	2021	6Diax12	14	28.28	31	2460	Non Engraved
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**** ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

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1224

Dr. Umbreen

To: Engr. Amir Mayo (Project Engineer)
M/s Design Matrix (Pvt.) Ltd. Lahore.
Project: Construction of Karim Block Plaza

Our Ref. No. CL/CED/ 3179 Dated: 25-05-21

Your Ref. No. Nil Dated: 18-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 18-05-21 Tested on: 24-05-21 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		30	4	2021	6Diax12	14	28.28	39	3090	Non Engraved
2		30	4	2021	6Diax12	13.4	28.28	37	2940	Non Engraved
3		30	4	2021	6Diax12	14	28.28	29	2300	Non Engraved
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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"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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1234
Dr. Umbreen

To: Mr. M. Shahzad Iqbal
M/s BPS (Pvt.) Ltd. Lahore.
Project: Construction of Alpha Homes

Our Ref. No. CL/CED/ 3180 Dated: 25-05-21
Your Ref. No. Nil Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-21 Tested on: 24-05-21 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	Ramp Slab	19	4	2021	6Diax12	14	28.28	25	1980	Non Engraved
2	Ramp Slab	19	4	2021	6Diax12	13.4	28.28	25	1980	Non Engraved
3	Ramp Slab	19	4	2021	6Diax12	13	28.28	27	2140	Non Engraved
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1234
Dr. Umbreen

To: Mr. M. Shahzad Iqbal
M/s BPS (Pvt.) Ltd. Lahore.
Project: Construction of Alpha Homes

Our Ref. No. CL/CED/ 3181 Dated: 25-05-21

Your Ref. No. Nil Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-21 Tested on: 24-05-21 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	Ramp Slab	19	4	2021	6Diax12	14	28.28	25	1980	Non Engraved
2	Ramp Slab	19	4	2021	6Diax12	13.4	28.28	25	1980	Non Engraved
3	Ramp Slab	19	4	2021	6Diax12	13	28.28	27	2140	Non Engraved
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1243

Dr. M. Yousaf

To: Col® Raza Riasat (Resident Engineer)

M/s New Vision (Pvt.) Ltd. Lahore. (M/s Afzal Brothers & Company)

Project: Rehabilitation of Faiz Ahmad Faiz Road from Gate # 6 to Main Industrial Drian at Quaide-i-Azam Industrial Estate, Lahore.

Our Ref. No. CL/CED/ 3182 Dated: 25-05-21

Your Ref. No. NVEC/RO/QIE/2021/005 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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		22	4	2021	6x6x6	9	36	135	8400	Non Engraved
2		22	4	2021	6x6x6	8.8	36	68	4240	Non Engraved
3		22	4	2021	6x6x6	9	36	75	4670	Non Engraved
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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)

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1238

Dr. Umbreen

To: Mr. M. Shahbaz
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3183 Dated: 25-05-21

Your Ref. No. IHPL/Con/254 Dated: 17-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 24-05-21 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	(4000) Psi	16	4	2021	6Diax12	13.6	28.28	45	3570	Non Engraved
2	(4000) Psi	16	4	2021	6Diax12	14	28.28	45	3570	Non Engraved
3	(4000) Psi	16	4	2021	6Diax12	14	28.28	45	3570	Non Engraved
4										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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

1238

Dr. Umbreen

To: Mr. M. Shahbaz
M/s Imperium Hospitality (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 3184 Dated: 25-05-21

Your Ref. No. IHPL/Con/252 Dated: 17-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 24-05-21 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	(4000) Psi	15	4	2021	6Diax12	14.1	28.28	57	4520	Non Engraved
2	(4000) Psi	15	4	2021	6Diax12	14	28.28	51	4040	Non Engraved
3	(4000) Psi	15	4	2021	6Diax12	13.8	28.28	51	4040	Non Engraved
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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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1228
Dr. Aqsa

To: Mr. Mudassar Iqbal (Manager QC)
Country Developers (Pvt.) Ltd.
Project: Agriforms Residential Units, Khudian (3000 Psi)

Our Ref. No. CL/CED/ 3185 Dated: 25-05-21

Your Ref. No. CD-20-Testing/CON/KH-002 Dated: 18-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-21 Tested on: 20-05-21 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	2nd Floor Slab (Block-1)	24	4	2021	6Diax12	14.2	28.28	48	3810	Non Engraved
2	2nd Floor Slab (Block-1)	24	4	2021	6Diax12	14.2	28.28	45	3570	Non Engraved
3	Doctors Unit	11	5	2021	6Diax12	14	28.28	40	3170	Engraved
4	Doctors Unit	11	5	2021	6Diax12	14	28.28	44	3490	Engraved
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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)

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**** ACI318-08 requires mean of two sample (6" diax12" cylinder) strength at 28 days as compressive strength

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

1233

Dr. Nauman

To: Mr. M. Shahbaz Iqbal
BPS (Pvt.) Ltd. Lahore
Project: Alpha Homes (Apartments)

Our Ref. No. CL/CED/ 3186 Dated: 25-05-21

Your Ref. No. Nil Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-21 Tested on: 20-05-21 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	Slab + 5	7	5	2021	6Diax12	14.2	28.28	47	3730	Non Engraved
2	Slab + 5	7	5	2021	6Diax12	14	28.28	49	3890	Non Engraved
3	Slab + 5	7	5	2021	6Diax12	14.8	28.28	73	5790	Non Engraved
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14										
15										
16										

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

1237

Dr. M. Yousaf

To: **Mr. Umair Ahmad (Construction Manager)**

SABCON Pvt. Ltd. Lahore

Project: Construction of 29-D Gulberg, B+G+3 Commercial Building, Lahore

Our Ref. No. CL/CED/ 3187 Dated: 25-05-21

Your Ref. No. Nil Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	2nd Floor Slab	18	4	2021	6Diax12	14	28.28	40	3170	Non Engraved
2	2nd Floor Slab	18	4	2021	6Diax12	13.4	28.28	42	3330	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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



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

1235

Dr. M. Yousaf

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

Kingcrete Builders

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

Our Ref. No. CL/CED/ 3188 Dated: 25-05-21

Your Ref. No. KB/GD-CB/AHA-LHR/069 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-21 Tested on: 21-05-21 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		7.8x3.9x3.1	3498	30.42	40	2950	
2	Rectangular Grey		7.8x3.9x3.1	3404	30.42	43	3170	
3	Rectangular Grey		7.8x3.9x3.1	3406	30.42	57	4200	
4	Rectangular Grey		7.8x3.9x3.1	3447	30.42	45	3320	
5	Rectangular Grey		7.8x3.9x3.1	3749	30.42	60	4420	
6	Rectangular Grey		7.8x3.9x3.1	3450	30.42	43	3170	
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

1236

Dr. M. Yousaf

To: **Mr. Muhammad Tufail (Construction Team Leader)**

Zor Engineers (Pvt.) Ltd.

Project: Dean Public School, Yuhannabad, Lahore (1st Floor Roof Slab)

Our Ref. No. CL/CED/ 3189 Dated: 25-05-21

Your Ref. No. 222.16.1/MT/3 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	Cube A (1:2;4)	5	5	2021	6x6x6	8.8	36	40	2490	Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: **Engr. Asif Raza (Resident Engineer)**

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Columns (P-2) 4th Floor

Our Ref. No. CL/CED/ 3190 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/44 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 1.5 : 3)	22	3	2021	6x6x6	8.6	36	87	5420	Non Engraved
2	(1 : 1.5 : 3)	22	3	2021	6x6x6	8.6	36	90	5600	Non Engraved
3	(1 : 1.5 : 3)	22	3	2021	6x6x6	9	36	116	7220	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: **Engr. Asif Raza (Resident Engineer)**

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Columns (P-1) 4th Floor

Our Ref. No. CL/CED/ 3191 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/43 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 1.5 : 3)	3	4	2021	6x6x6	8.6	36	94	5850	Non Engraved
2	(1 : 1.5 : 3)	3	4	2021	6x6x6	9	36	106	6600	Non Engraved
3	(1 : 1.5 : 3)	3	4	2021	6x6x6	8.6	36	83	5170	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: **Engr. Asif Raza (Resident Engineer)**

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Columns (P-3) 3rd Floor

Our Ref. No. CL/CED/ 3192 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/42 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 1.5 : 3)	30	3	2021	6x6x6	9	36	100	6230	Non Engraved
2	(1 : 1.5 : 3)	30	3	2021	6x6x6	8.8	36	97	6040	Non Engraved
3	(1 : 1.5 : 3)	30	3	2021	6x6x6	8.6	36	89	5540	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: **Engr. Asif Raza (Resident Engineer)**

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Roof Slab (P-2) 4th Floor

Our Ref. No. CL/CED/ 3193 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/41 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 2 : 4)	31	3	2021	6x6x6	9	36	77	4800	Non Engraved
2	(1 : 2 : 4)	31	3	2021	6x6x6	8.8	36	77	4800	Non Engraved
3	(1 : 2 : 4)	31	3	2021	6x6x6	8.8	36	80	4980	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: Engr. Asif Raza (Resident Engineer)

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Roof Slab (P-1) 4th Floor

Our Ref. No. CL/CED/ 3194 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/40 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 2 : 4)	18	4	2021	6x6x6	8.6	36	71	4420	Non Engraved
2	(1 : 2 : 4)	18	4	2021	6x6x6	8.6	36	50	3120	Non Engraved
3	(1 : 2 : 4)	18	4	2021	6x6x6	8.8	36	103	6410	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: **Engr. Asif Raza (Resident Engineer)**

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Roof Slab (P-3) 3rd Floor

Our Ref. No. CL/CED/ 3195 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/39 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 2 : 4)	15	4	2021	6x6x6	9	36	77	4800	Non Engraved
2	(1 : 2 : 4)	15	4	2021	6x6x6	8.6	36	71	4420	Non Engraved
3	(1 : 2 : 4)	15	4	2021	6x6x6	9	36	104	6480	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: Engr. Asif Raza (Resident Engineer)

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Lift Well (P-1) 4th Floor

Our Ref. No. CL/CED/ 3196 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/38 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 1.5 : 3)	24	3	2021	6x6x6	8.6	36	97	6040	Non Engraved
2	(1 : 1.5 : 3)	24	3	2021	6x6x6	9	36	110	6850	Non Engraved
3	(1 : 1.5 : 3)	24	3	2021	6x6x6	9	36	84	5230	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1245

To: Engr. Asif Raza (Resident Engineer)

Dr. M. Yousaf

Allied Engineering Consultants (Pvt.) Ltd. Lahore

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No.1), Lift Well (P-3) 3rd Floor

Our Ref. No. CL/CED/ 3197 Dated: 25-05-21

Your Ref. No. AEC/MBC/2021/37 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 21-05-21 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	(1 : 1.5 : 3)	15	3	2021	6x6x6	8.8	36	84	5230	Non Engraved
2	(1 : 1.5 : 3)	15	3	2021	6x6x6	8.8	36	87	5420	Non Engraved
3	(1 : 1.5 : 3)	15	3	2021	6x6x6	9	36	109	6790	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
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

* 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

1184

Dr. Umbreen

To: **Sub Divisional Officer, (Buildings)**

Sub Division Ferozewala

Project: Construction of Judicial Academy at Lahore Kala Shah kaku, Lahore. (ADP No. 3271/2020-21)

Our Ref. No. CL/CED/

3198

Dated:

25-05-21

Your Ref. No.

No.1034

Dated:

03-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 03-05-21 Tested on: 25-05-21 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	12-1A		4.5x4.4x3.0	1586	19.8	15	1700	
2	12-1B		4.5x4.4x3.0	1579	19.8	20	2270	
3	12-2C		4.5x4.5x3.1	1583	19.8	24	2720	
4	12-2D		4.5x4.5x3.1	1569	20.25	26	2880	
5	12-3E		4.5x4.4x3.0	1567	19.8	18	2040	
6	12-3F		4.5x4.4x3.0	1576	19.8	19	2150	
7	12-4G		4.5x4.4x3.0	1558	19.8	26	2950	
8	12-4H		4.5x4.4x3.0	1579	19.8	19	2150	
9	12-5I		4.4x4.5x3.1	1608	19.8	28	3170	
10	12-5J		4.5x4.5x3.1	1601	20.25	22	2440	
11								
12								
13								
14								
15								
16								

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

1240

To: **Mr. M. Ghulam Mustafa Joyia**
M/s Mgmj Sudio, Lahore.

Dr. Umbreen

Project: Construction of RCC Ground Floor Roof Slab of Plaza No. 106-Q CCA Phase -7 DHA Lahore.

Our Ref. No. CL/CED/ 3199 Dated: 25-05-21

Your Ref. No. 106-Q Plaza Phase 07 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-05-21 Tested on: 25-05-21 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	(3000) Psi	20	4	2021	6xDiax12	13.4	28.28	53	4200	Non Engraved
2	(3000) Psi	20	4	2021	6xDiax12	13.8	28.28	55	4360	Non Engraved
3	(3000) Psi	20	4	2021	6xDiax12	13.4	28.28	39	3090	Non Engraved
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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

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

1248

Dr. Umbreen

To: **Mr. Umair Ahmad (Construction Manager)**

M/s SABCON (Pvt.) Ltd. Lahore.

Project: Construction of 29-D Gulberg, B+G+3 Commercial Building

Our Ref. No. CL/CED/ 3200 Dated: 25-05-21

Your Ref. No. Sabcon-/T-01/08 Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-05-21 Tested on: 25-05-21 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	3rd Floor Column	22	4	2021	6xDiax12	13.4	28.28	49	3890	Non Engraved
2	3rd Floor Column	22	4	2021	6xDiax12	13.4	28.28	81	6420	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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

1232

Dr. Umbreen

To: Manager Projects
M/s Sura Builders (Pvt.) Ltd. Sheikhpura
Project: Nil

Our Ref. No. CL/CED/ 3201 Dated: 25-05-21

Your Ref. No. Nil Dated: 19-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-05-21 Tested on: 25-05-21 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	Precast Columns		2x2x2	266	4	5.5	3040	Cut Cube
2	Precast Columns		2x2x2	261	4	9	4960	Cut Cube
3	Precast Columns		2x2x2	269	4	7.5	4140	Cut Cube
4								
5								
6								
7								
8								
9								
10								
11								
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