



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

1380
Engr. Ubaid

To: Mr. M. Qasim Farooq (Project Manager)
M/s SIA Engineers & Contractors (Pvt.) Ltd. Gujrawala.
Project: B2S Site is C6-129 (Tower Foundation ODU & DG Pad)

Our Ref. No. CL/CED/ 4013 Dated: 18-06-21

Your Ref. No. SIA/Cubes/e.co/B2S/07
9 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-05-21 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	(1:1.5:3)	27	5	2021	6x6x6	8.8	36	100	6230	Non Engraved
2	(1:1.5:3)	27	5	2021	6x6x6	8.6	36	105	6540	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/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

1380

Engr. Ubaid

To: **Mr. M. Qasim Farooq (Project Manager)**
M/s SIA Engineers & Contractors (Pvt.) Ltd. Gujrawala.
Project: B2S Site is C6-128 (Tower Foundation ODU & DG Pad)

Our Ref. No. CL/CED/ 4014 Dated: 18-06-21

Your Ref. No. SIA/Cubes/e.co/B2S/08
0 Dated: 04-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-05-21 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	(1:1.5:3)	28	5	2021	6x6x6	8.6	36	106	6600	Non Engraved
2	(1:1.5:3)	28	5	2021	6x6x6	8.8	36	92	5730	Non Engraved
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Engr. Ubaid

To: **Mr. M. Qasim Farooq (Project Manager)**
M/s SIA Engineers & Contractors (Pvt.) Ltd. Gujrawala.
Project: B2S Site-497 (Tower Foundation ODU & DG Pad)

Our Ref. No. CL/CED/ 4015 Dated: 18-06-21

Your Ref. No. SIA/Cubes/e.co/B2S/081 Dated: 05-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	29	5	2021	6x6x6	8.4	36	116	7220	Non Engraved
2	(1:1.5:3)	29	5	2021	6x6x6	8.6	36	104	6480	Non Engraved
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Engr. Ubaid

To: Mr. M. Qasim Farooq (Project Manager)
M/s SIA Engineers & Contractors (Pvt.) Ltd. Gujrawala.
Project: B2S Site is N-5763 (Tower Foundation ODU & DG Pad)

Our Ref. No. CL/CED/ 4016 Dated: 18-06-21

Your Ref. No. SIA/Cubes/e.co/B2S/08
2 Dated: 05-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	29	5	2021	6x6x6	8.6	36	90	5600	Non Engraved
2	(1:1.5:3)	29	5	2021	6x6x6	8.4	36	91	5670	Non Engraved
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Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1380

Engr. Ubaid

To: **Mr. M. Qasim Farooq (Project Manager)**
M/s SIA Engineers & Contractors (Pvt.) Ltd. Gujrawala.
Project: B2S Site is C6-126 (Tower Foundation ODU & DG Pad)

Our Ref. No. CL/CED/ 4017 Dated: 18-06-21

Your Ref. No. SIA/Cubes/e.co/B2S/08
3 Dated: 06-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	30	5	2021	6x6x6	8.4	36	94	5850	Non Engraved
2	(1:1.5:3)	30	5	2021	6x6x6	8.6	36	96	5980	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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1380

Engr. Ubaid

To: **Mr. M. Qasim Farooq (Project Manager)**
M/s SIA Engineers & Contractors (Pvt.) Ltd. Gujrawala.
Project: B2S Site is CII-2805 (Tower Foundation ODU & DG Pad)

Our Ref. No. CL/CED/ 4018 Dated: 18-06-21

Your Ref. No. SIA/Cubes/e.co/B2S/08
4 Dated: 06-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	30	5	2021	6x6x6	8.6	36	112	6970	Non Engraved
2	(1:1.5:3)	30	5	2021	6x6x6	8.4	36	92	5730	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" dia x 12" cylinder) strength at 28 days as compressive strength

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

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supervisor(lab)

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Phone Nos. 042-99029202, 042-99029217

1406

Dr. Burhan Sharif

To: **Mr. Abdullah Saleem**
M/s AAA Concrete Brick (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 4019 Dated: 18-06-21

Your Ref. No. Nil Dated: 15-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 15-06-21 Tested on: 18-06-21 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	AAA		9.0x4.4x3.0	3728	39.6	23	1310	
2	AAA		9.0x4.5x3.1	3826	40.5	23	1280	
3	AAA		8.9x4.5x3.1	3786	40.5	31	1720	
4	AAA		9.0x4.5x3.0	3818	40.5	23.5	1300	
5	AAA		9.0x4.5x3.1	3756	40.5	22.5	1250	
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Phone Nos. 042-99029202, 042-99029217

1419

To: **Brig. Saeed Ahmed Malik (Resident Engineer)**

Dr. Burhan Sharif

M/s NESPAK (Pvt.) Ltd. Lahore. (Highways and Transportation Engineering Division)

Project: Restoration of Road Cut for Laying of 6' Dia Sui Gas Pipe from Yadgar -e-Shaheedan, Canal, Bridge to (Punjab Assembly-2 Victoria Park Mall Road Lahore.

Our Ref. No. CL/CED/ 4020 Dated: 18-06-21

Your Ref. No. 4084/103/BSAM/104/433 Dated: 07-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 17-06-21 Tested on: 18-06-21 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
		5	6	2021						
1		5	6	2021	6Diax12	13.4	28.28	49	3890	Non Engraved
2		5	6	2021	6Diax12	13.4	28.28	49	3890	Non Engraved
3		5	6	2021	6Diax12	12.8	28.28	14	1110	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6

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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1415

To: **Assistant Municipal Officer (I&S)**
Municipal Committee Toba Tek Singh

Dr. Burhan Sharif

Project: Improvement of Road/ Street Darbar Abdul Majeed Shah to Shar-e- Rabani Chowk Toba Tek Singh

Our Ref. No. CL/CED/ 4021 Dated: 18-06-21

Your Ref. No. No.268 Dated: 19-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-06-21 Tested on: 18-06-21 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 Gray		7.8x3.9x2.4	2852	30.42	92	6780	
2	Rectangular Gray		7.8x3.9x2.4	2885	30.42	84	6190	
3	Rectangular Red		7.8x3.9x2.4	2714	30.42	96	7070	
4	Rectangular Red		7.8x3.9x2.4	2812	30.42	136	10020	
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Phone Nos. 042-99029202, 042-99029217

1381
Engr. Ubaid

To: Mr. M. Furqan (Project Manager)
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-5298

Our Ref. No. CL/CED/ 4022 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/702 Dated: 01-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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
		4	5	2021						
1	DG Pad (1:1.5:3)	4	5	2021	6x6x6	8.4	36	108	6720	Non Engraved
2	DG Pad (1:1.5:3)	4	5	2021	6x6x6	8.2	36	98	6100	Non Engraved
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1381

Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52945

Our Ref. No. CL/CED/ 4023 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/867 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	6	5	2021	6x6x6	8.4	36	77	4800	Non Engraved
2	(1:1.5:3)	6	5	2021	6x6x6	8.2	36	85	5290	Non Engraved
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1381

Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-42470 (Pier Foundation)

Our Ref. No. CL/CED/ 4024 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/707 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	6	5	2021	6x6x6	8.6	36	94	5850	Non Engraved
2	(1:1.5:3)	6	5	2021	6x6x6	8.4	36	96	5980	Non Engraved
3										
4										
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1381

Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-43280 (Pier Foundation)

Our Ref. No. CL/CED/ 4025 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/708 Dated: 29-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	1	5	2021	6x6x6	8.4	36	108	6720	Non Engraved
2	(1:1.5:3)	1	5	2021	6x6x6	8.2	36	88	5480	Non Engraved
3										
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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

1381
Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-42974 (Pier Foundation)

Our Ref. No. CL/CED/ 4026 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/709 Dated: 02-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	5	5	2021	6x6x6	8.4	36	94	5850	Non Engraved
2	(1:1.5:3)	5	5	2021	6x6x6	8.2	36	104	6480	Non Engraved
3										
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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

1381

Engr. Ubaid

To: Mr. Imran Mukhtar (Project Manager)
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-43083 (Pier Foundation)

Our Ref. No. CL/CED/ 4027 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/710 Dated: 09-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	2	6	2021	6x6x6	8.6	36	100	6230	Non Engraved
2	(1:1.5:3)	2	6	2021	6x6x6	8.6	36	94	5850	Non Engraved
3										
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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

1381

Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52981 (Pier Foundation)

Our Ref. No. CL/CED/ 4028 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/711 Dated: 11-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	4	6	2021	6x6x6	8.4	36	98	6100	Non Engraved
2	(1:1.5:3)	4	6	2021	6x6x6	8.4	36	96	5980	Non Engraved
3										
4										
5										
6										
7										
8										
9										
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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

1381
Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52981 (DP-ODU-PAD)

Our Ref. No. CL/CED/ 4029 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/711 Dated: 11-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	4	6	2021	6x6x6	8.4	36	98	6100	Non Engraved
2	(1:1.5:3)	4	6	2021	6x6x6	8.4	36	96	5980	Non Engraved
3										
4										
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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
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University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

1381

Engr. Ubaid

To: Mr. M. Furqan (Project Manager)
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-53001 (ODU PAD)

Our Ref. No. CL/CED/ 4030 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/710 Dated: 11-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	30	5	2021	6x6x6	8.4	36	104	6480	Non Engraved
2	(1:1.5:3)	30	5	2021	6x6x6	8.2	36	126	7840	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
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14										
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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

1381

Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-53163 (DP-ODU PAD)

Our Ref. No. CL/CED/ 4031 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/712 Dated: 13-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	6	6	2021	6x6x6	8.6	36	110	6850	Non Engraved
2	(1:1.5:3)	6	6	2021	6x6x6	8.2	36	84	5230	Non Engraved
3										
4										
5										
6										
7										
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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

1381
Engr. Ubaid

To: Mr. M. Furqan (Project Manager)
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52946 (DG Pad)

Our Ref. No. CL/CED/ 4032 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/701 Dated: 28-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	21	5	2021	6x6x6	8.4	36	106	6600	Non Engraved
2	(1:1.5:3)	21	5	2021	6x6x6	8.4	36	128	7970	Non Engraved
3										
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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

1381
Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52900 (DG Pad)

Our Ref. No. CL/CED/ 4033 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/700 Dated: 31-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	24	5	2021	6x6x6	8.2	36	108	6720	Non Engraved
2	(1:1.5:3)	24	5	2021	6x6x6	8.2	36	95	5920	Non Engraved
3										
4										
5										
6										
7										
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9										
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11										
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14										
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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

1381
Engr. Ubaid

To: Mr. M. Furqan (Project Manager)
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52903 (DG Pad)

Our Ref. No. CL/CED/ 4034 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/703 Dated: 30-05-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	23	5	2021	6x6x6	8.2	36	90	5600	Non Engraved
2	(1:1.5:3)	23	5	2021	6x6x6	8.2	36	96	5980	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
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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

1381
Engr. Ubaid

To: Mr. M. Furqan (Project Manager)
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52897 (DG Pad)

Our Ref. No. CL/CED/ 4035 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/704 Dated: 01-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	25	5	2021	6x6x6	8.4	36	79	4920	Non Engraved
2	(1:1.5:3)	25	5	2021	6x6x6	8.4	36	107	6660	Non Engraved
3										
4										
5										
6										
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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

1381
Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52899 (DG Pad)

Our Ref. No. CL/CED/ 4036 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/704 Dated: 02-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	26	5	2021	6x6x6	8.6	36	107	6660	Non Engraved
2	(1:1.5:3)	26	5	2021	6x6x6	8.4	36	104	6480	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" 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

1381

Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52784 (DG Pad)

Our Ref. No. CL/CED/ 4037 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/705 Dated: 04-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	28	5	2021	6x6x6	8.2	36	105	6540	Non Engraved
2	(1:1.5:3)	28	5	2021	6x6x6	8.2	36	105	6540	Non Engraved
3										
4										
5										
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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

1381

Engr. Ubaid

To: **Mr. M. Furqan (Project Manager)**
M/s CME Engineering (Pvt.) Ltd. Lahore.
Project: CMPAK Site ID-52870 (DG Pad)

Our Ref. No. CL/CED/ 4038 Dated: 18-06-21

Your Ref. No. CME/Cubes/CMPAK/706 Dated: 03-06-21

COMPRESSION TEST REPORT

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

Specimens received on: 10-06-21 Tested on: 16-06-21 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	(1:1.5:3)	27	5	2021	6x6x6	8.6	36	96	5980	Non Engraved
2	(1:1.5:3)	27	5	2021	6x6x6	8.6	36	98	6100	Non Engraved
3										
4										
5										
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supervisor(lab)

Director/Dy. Director Concrete Laboratory