



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

8455

To: **Arfan ul Haq, RE, NESPAK Pvt. Ltd. Highways and Transportation Enggg. Section,**
Islamabad. Dr. Umbreen
Conc. Post for Fence Manuf. by Semco & Power Line Quick Conc. Company Islamabad.
Project: (CPEC), West. Route Hakla (on M1)~Yarak (D.I. Khan) Motorway, Pack.-3 (Tarap to Kot Balian)

Our Ref. No. CL/CED/ 7923 Dated: 24-04-19

Your Ref. No. CPEC/NESPAK/PKG3/19/903 Dated: 13-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-19 Tested on: 23-04-19 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	Post Concrete				5.9X5.5X5.3	7	32.45	61	4220	Cut Piece
2	Post Concrete				5.9X5.5X5.3	6.8	32.45	61	4220	Cut Piece
3	Post Concrete				5.9X5.5X5.3	6.4	32.45	53	3660	Cut Piece
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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

8456

Engr. Aamina

To: **Mr. Nouman Rafique, Project Coordinator**
Seasole Construction Company. Masood Arcade, IJP Road, Islamabad.
Project: Constt. of 16th Avenue Shopping Mall Gujranwala.

Our Ref. No. CL/CED/ 7924 Dated: 24-04-19

Your Ref. No. SS/HO/GUJ/LD/2019/14 Dated: 15-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-19 Tested on: 23-04-19 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		16	3	2019	6Diax12	13.2	28.28	47	3730	Non Engraved
2		16	3	2019	6Diax12	13	28.28	40	3170	Non Engraved
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Department of Civil Engineering
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8457

Dr. Aqsa

To: **Sub Divisional Officer**

Buildings Sub Division No.12, Lahore.

Project:Constt. of Office Complex of Food Directorate Divisi. Food Office Lahore & DFC,Office Lhr.

Our Ref. No. CL/CED/

7925

Dated:

24-04-19

Your Ref. No.

241/SDO 12th

Dated:

01-04-19

COMPRESSION TEST REPORT

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

Specimens received on:

15-04-19

Tested on:

18-04-19

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	Mumty Slab 5th F.	9	3	2019	6Diax12	13.2	28.28	80	6340	Non Engraved
2	Mumty Slab 5th F.	9	3	2019	6Diax12	13.2	28.28	72	5710	Non Engraved
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Department of Civil Engineering
University of Engineering and Technology, Lahore
Phone Nos. 042-99029202, 042-99029217

8457

Dr. Aqsa

To: **Sub Divisional Officer**

Buildings Sub Division No.12, Lahore.

Project:Constt. of Office Complex of Food Directorate Divisi. Food Office Lahore & DFC,Office Lhr.

Our Ref. No.
CL/CED/

7926

Dated:

24-04-19

Your Ref. No.

283/SDO 12th

Dated:

13-04-19

COMPRESSION TEST REPORT

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

Specimens received
on:

15-04-19

Tested on:

18-04-19

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	K2			3207	8.9x4.4x2.9	2944	39.16	61	3490	8.93
2	K2			3291	8.9x4.4x2.3	2986	39.16	43	2460	10.21
3	K2			3311	8.9x4.3x3	2977	38.27	42	2460	11.21
4	K2			3447	8.8x4.3x3	2992	37.84	27	1600	15.2
5	K2			3284	8.9x4.5x2.9	2980	40.05	35	1960	10.2
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8458

Dr. M. Yousaf

To: Muhammad Tufail, Construction Team Leader Lahore Office.
Zor Engineers Pvt. Ltd.
Project: Good Shepherd Christian Hospital, Kasur.

Our Ref. No. CL/CED/ 7927 Dated: 24-04-19

Your Ref. No. 230.28.1/MT/15 Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-19 Tested on: 19-04-19 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	1st Floor Slab	14	3	2019	6x6x6	8.2	36	46	2870	Non Engraved
2	1st Floor Slab	14	3	2019	6x6x6	8.2	36	44	2740	Non Engraved
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8459
Dr. Aqsa

To: Sub Divisional Officer
Buildings Sub Division No.9, Lahore.
Project: Construction of Provincial Police Lines Highway Patrol at Jia Bagga Lahore.

Our Ref. No. CL/CED/ 7928 Dated: 24-04-19

Your Ref. No. 46/9th Dated: 27-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 15-04-19 Tested on: 18-04-19 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	ABC			3320	8.8x4.3x2.9	3040	37.84	52	3080	9.21
2	ABC			3357	8.8x4.3x2.9	3077	37.84	53	3140	9.09
3	ABC			3483	8.8x4.4x2.9	3096	38.72	44	2550	12.5
4	ABC			3496	8.9x4.3x2.8	3144	38.27	46	2700	11.19
5	ABC			3497	8.7x4.4x2.9	3089	38.28	37	2170	13.2
6	ABC			3461	8.9x4.4x2.9	3064	39.16	38	2180	12.95
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 Phone Nos. 042-99029202, 042-99029217

8461

Dr. Umbreen

To: M. Ali Ghaffar, G.M Operations
Punjab Tiles, 43-Tipu Block, (LDA) New Garden Town, Ferozpur Road, Lahore.
Project:

Our Ref. No. CL/CED/ 7929 Dated: 24-04-19

Your Ref. No. Nil Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-19 Tested on: 17-04-19 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	Terrazzo Tile				5.9x5.9x1	1342	34.81	77	4960	
2	Terrazzo Tile				5.8x5.9x1	1396	34.22	83	5440	
3	Terrazzo Tile				5.8x5.9x1	1371	34.22	75	4910	
4	Terrazzo Tile				5.9x5.9x1	1377	34.81	81	5220	
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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

8474

To: Mr. Muhammad Yaseen
Equator Engineering Services Chak Shehzad.
Project: CMPAK, Site ID-51989, Tower, DG and ODU Foundations

Engr. A. Rehman

Our Ref. No. CL/CED/ 7930 Dated: 24-04-19

Your Ref. No. Equator/Cubes/CMPAK/019 Dated: 10-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 22-04-19 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	4	2019	6x6x6	8	36	90	5600	Non Engraved
2		3	4	2019	6x6x6	8	36	88	5480	Non Engraved
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
 University of Engineering and Technology, Lahore
 Phone Nos. 042-99029202, 042-99029217

8474

To: Mr. Muhammad Yaseen
Equator Engineering Services Chak Shehzad.
Project: CMPAK, Site ID-51896, Tower, DG and ODU Foundations

Engr. A. Rehman

Our Ref. No. CL/CED/ 7931 Dated: 24-04-19

Your Ref. No. Equator/Cubes/CMPAK/019 Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 22-04-19 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		18	3	2019	6x6x6	8.2	36	97	6040	Non Engraved
2		18	3	2019	6x6x6	8.2	36	108	6720	Non Engraved
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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8475

To: **Imran Akhtar, Project Manager**
CM Engineering Pvt. Ltd.
Project: CMPAK, Site ID-42673

Engr. A. Rehman

Our Ref. No. CL/CED/ 7932 Dated: 24-04-19

Your Ref. No. CME/Cubes/CMPAK/495 Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 22-04-19 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	Column	5	4	2019	6x6x6	8.2	36	101	6290	Non Engraved
2	Column	5	4	2019	6x6x6	8.2	36	91	5670	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

8475

To: **Imran Akhtar, Project Manager**
CM Engineering Pvt. Ltd.
Project: CMPAK, Site ID-42673

Engr. A. Rehman

Our Ref. No. CL/CED/ 7933 Dated: 24-04-19

Your Ref. No. CME/Cubes/CMPAK/494 Dated: 10-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 22-04-19 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
		3	4	2019						
1	Raft	3	4	2019	6x6x6	8	36	113	7040	Non Engraved
2	Raft	3	4	2019	6x6x6	8.2	36	100	6230	Non Engraved
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8475

To: **Imran Akhtar, Project Manager**
CM Engineering Pvt. Ltd.
Project: CMPAK, Site ID-41526

Engr. A. Rehman

Our Ref. No. CL/CED/ 7934 Dated: 24-04-19

Your Ref. No. CME/Cubes/CMPAK/497 Dated: 12-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 22-04-19 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	Pier Foundation	15	3	2019	6x6x6	8.8	36	93	5790	Non Engraved
2	Pier Foundation	15	3	2019	6x6x6	8.4	36	98	6100	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

8475
Engr. A.
Rehman

To: **Imran Akhtar, Project Manager**
CM Engineering Pvt. Ltd.
Project: CMPAK, Site ID-42627

Our Ref. No. CL/CED/ 7935 Dated: 24-04-19

Your Ref. No. CME/Cubes/CMPAK/496 Dated: 10-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 17-04-19 Tested on: 22-04-19 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	Pier Foundation	13	3	2019	6x6x6	8	36	109	6790	Non Engraved
2	Pier Foundation	13	3	2019	6x6x6	8.2	36	110	6850	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

* as engraved on the specimens (if any)

** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

*** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

**** ACI318-08 requires mean of two sample (6" 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

8477

To: **Imran Akhtar, Project Manager**
CM Engineering Pvt. Ltd.
Project: CMPAK, Site ID-42643, Complet Foundation

Engr. A. Rehman

Our Ref. No. CL/CED/ 7936 Dated: 24-04-19

Your Ref. No. CME/Cubes/CMPAK/498 Dated: 18-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-04-19 Tested on: 22-04-19 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		21	3	2019	6x6x6	8.4	36	107	6660	Non Engraved
2		21	3	2019	6x6x6	8.6	36	121	7530	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

8462

Dr. Umbreen

To: **Crescent Concrete Pvt. Ltd.**
24-KM Multan Road, Near Amrat Cola, Lahore.
Project:

Our Ref. No. CL/CED/ 7937 Dated: 24-04-19

Your Ref. No. Nil Dated: 08-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-19 Tested on: 17-04-19 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		7.8x3.8x2.3	2864	29.64	83	6280	
2	Rectangular, Grey		7.8x3.8x2.3	2856	29.64	63	4770	
3	Rectangular, Grey		7.8x3.8x2.3	2888	29.64	63	4770	
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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

8507

Engr. Ubaid

To: (Khalid Bashir)
Ittefaq Building Solutions Pvt. Ltd.
Project: NBH Renovation, Lahore.

Our Ref. No. CL/CED/ 7938 Dated: 24-04-19

Your Ref. No. IBS/NISHAT/BT02 Dated: 23-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 23-04-19 Tested on: 24-04-19 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		11.9x5.75x7.6	18	53.23	29	1230	
2	Hollow Block		11.9x5.75x7.6	16.4	53.23	59	2490	
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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

8463

Dr. Umbreen

To: **Muhammad Saleem, GM**
Professional Construction Services Pvt. Ltd.
Project: Windsor Inn Hotel Multan.

Our Ref. No. CL/CED/ 7939 Dated: 24-04-19

Your Ref. No. 19/Eng-29 Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-19 Tested on: 16-04-19 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	Basement Slab	12	3	2019	6Diax12	14	28.28	33	2620	Non Engraved
2	Basement Slab	12	3	2019	6Diax12	13.4	28.28	65	5150	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

8464

To: **Engr. Adnan Akmal, Project Co-ordinator**
SINACO Engineers Pvt. Ltd.

Dr. M. Yousaf

Project: Construction of Tariq Float Glass Plant at Sheikhpura.

Our Ref. No. CL/CED/ 7940 Dated: 24-04-19

Your Ref. No. SEL/LHR/C-461/9972 Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-19 Tested on: 19-04-19 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	A-L-S	30	3	2019	6x6x6	8.4	36	84	5230	Non Engraved
2	A-L-S	30	3	2019	6x6x6	8.6	36	64	3990	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

8464

To: **Engr. Adnan Akmal, Project Co-ordinator**
SINACO Engineers Pvt. Ltd.

Dr. M. Yousaf

Project: Construction of Tariq Float Glass Plant at Sheikhupura.

Our Ref. No. CL/CED/ 7941 Dated: 24-04-19

Your Ref. No. SEL/LHR/C-461/9973 Dated: 15-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-19 Tested on: 19-04-19 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	FUR / B-B	11	3	2019	6x6x6	8.4	36	64	3990	Non Engraved
2	FUR / B-B	11	3	2019	6x6x6	8.6	36	110	6850	Non Engraved
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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

8465

Dr. Umbreen

To: **Shanawar Ali, Resident Engineer**
Javed I Mirza & Associates.

Project: Construction of Sheikh Jasim Boys & Girls School at Bharerri, District Jhang.

Our Ref. No. CL/CED/ 7942 Dated: 24-04-19

Your Ref. No. JIM/Bhakar/TTT-01/19 Dated: 16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-19 Tested on: 17-04-19 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	Uni Block, Red	18	3	2019	2.3 thick	2960	37.25	110	6620	
2	Uni Block, Grey	18	3	2019	2.3 thick	2989	37.25	81	4880	
3	Uni Block, Grey	18	3	2019	2.3 thick	2899	37.25	84	5060	
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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

8466

To: **Mr. Abdul Ghafoor, Karol War, Post Office Baghbanpura, Lahore Cantt.**

Engr. Aamina

Swift Construction Company.

Project: Bank Alfalah Building, 107-Y, Commercial Area, Phase-3, DHA, Lahore.

Our Ref. No. CL/CED/ 7943 Dated: 24-04-19

Your Ref. No. Nil Dated: 16-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 16-04-19 Tested on: 23-04-19 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		8	4	2019	6Diax12	14	28.28	37	2940	Engraved
2		8	4	2019	6Diax12	14	28.28	35	2780	Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8481

To: **Engr. Muhammad Waqas Ramzan, Director**
Muhammad Ramzan Construction. 43 Tipu Block, New Garden Town, (LDA), Ferozpur Road, Laahore.
Project: UMER Masjid Faisalabad.

Engr. Aamina

Our Ref. No. CL/CED/ 7944 Dated: 24-04-19

Your Ref. No. Nil Dated: 18-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-04-19 Tested on: 23-04-19 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	F.F Slab	15	2	2019	6x6x6	8.4	36	69	4300	Engraved
2	F.F Slab	15	2	2019	6x6x6	8.6	36	58	3610	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

8482

To: **Muhammad Imran, Resident Engineer**

Engr. Aamina

G3 Engineering Consultants Pvt. Ltd. PSIC House Davis Road, Lahore.

Project: Consultancy Services for Review & Vetting of all Documents, i.e. Planning, Designing, PC-1, Estimates

Our Ref. No. CL/CED/ 7945 Dated: 24-04-19

Your Ref. No. G3/0161 Dated: 18-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 18-04-19 Tested on: 23-04-19 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	1st Floor Slab	18	3	2019	6Diax12	13.2	28.28	36	2860	Engraved
2	1st Floor Slab	18	3	2019	6Diax12	13.4	28.28	36	2860	Engraved
3	1st Floor Slab	18	3	2019	6Diax12	13.4	28.28	35	2780	Engraved
End	---	---	---	---	---	---	---	---	---	---
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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

8496

Engr. Aamina

To: **Assistant Engineer**
Dry Port Headquarter, Lahore. (M/S Al-Arab Associates.)
Project: Rehabilitation/Improvement of Lahore Dry Port Mughalpura (Balance Civil & Electrical Works).

Our Ref. No. CL/CED/ 7946 Dated: 24-04-19

Your Ref. No. 524/M Dated: 17-04-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-19 Tested on: 23-04-19 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	Floor Yard	27	2	2019	6x6x6	8.4	36	65	4050	Non Engraved
2	Floor Yard	27	2	2019	6x6x6	8.4	36	35	2180	Non Engraved
3	Floor Yard	27	2	2019	6x6x6	8.6	36	86	5360	Non Engraved
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing_reports&id=6

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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

8497

To: **Sub Divisional Officer**
Buildings Sub Division Sheikhpura.

Engr. A. Rehman

Project: Constt. of PHP at Jhabran Hafizabad Road Tehsil Shekhpura District Sheikhpura.

Our Ref. No. CL/CED/ 7947 Dated: 24-04-19

Your Ref. No. 4337/S Dated: 05-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-19 Tested on: 22-04-19 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	3	2019						
1	Column	4	3	2019	6x6x6	8	36	92	5730	Non Engraved
2	Column	4	3	2019	6x6x6	8.2	36	103	6410	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
4										
5										
6										
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14										
15										
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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