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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package -Q". Block Q-54/11 (Ground Floor Slab)

Our Ref. No. CL/CED/ 8872 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	29	7	2019	6x6x6	9	36	59	3680	Engraved
2	(1:2:4)	29	7	2019	6x6x6	9	36	62	3860	Engraved
3	(1:2:4)	29	7	2019	6x6x6	9	36	62	3860	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package -Q". Block Q-73/05 (Third Floor Column)

Our Ref. No. CL/CED/ 8873 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:1.5:3)	29	7	2019	6x6x6	9	36	74	4610	Engraved
2	(1:1.5:3)	29	7	2019	6x6x6	9	36	67	4170	Engraved
3	(1:1.5:3)	29	7	2019	6x6x6	9	36	76	4730	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package -Q". Block Q-55/10 (Ground Floor Slab).

Our Ref. No. CL/CED/ 8874 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	30	7	2019	6x6x6	9	36	85	5290	Engraved
2	(1:2:4)	30	7	2019	6x6x6	8.8	36	62	3860	Engraved
3	(1:2:4)	30	7	2019	6x6x6	9	36	75	4670	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package -Q". Block Q-58/07 (First Floor Slab).

Our Ref. No. CL/CED/ 8875 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	31	7	2019	6x6x6	9	36	89	5540	Engraved
2	(1:2:4)	31	7	2019	6x6x6	9	36	84	5230	Engraved
3	(1:2:4)	31	7	2019	6x6x6	8.6	36	64	3990	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package -Q". Block Q-60/09 (Second Floor Slab).

Our Ref. No. CL/CED/ 8876 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	1	8	2019	6x6x6	9.2	36	81	5040	Engraved
2	(1:2:4)	1	8	2019	6x6x6	9	36	76	4730	Engraved
3	(1:2:4)	1	8	2019	6x6x6	9	36	67	4170	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-55/10 (First Floor Column).

Our Ref. No. CL/CED/ 8877 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:1.5:3)	5	8	2019	6x6x6	9	36	82	5110	Engraved
2	(1:1.5:3)	5	8	2019	6x6x6	9	36	81	5040	Engraved
3	(1:1.5:3)	5	8	2019	6x6x6	9	36	83	5170	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-39/12 (First Floor Slab).

Our Ref. No. CL/CED/ 8878 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	5	8	2019	6x6x6	8.8	36	75	4670	Engraved
2	(1:2:4)	5	8	2019	6x6x6	9	36	75	4670	Engraved
3	(1:2:4)	5	8	2019	6x6x6	8.6	36	75	4670	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-59/08 (Second Floor Column).

Our Ref. No. CL/CED/ 8879 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:1.5:3)	25	7	2019	6x6x6	8.8	36	91	5670	Engraved
2	(1:1.5:3)	25	7	2019	6x6x6	9	36	82	5110	Engraved
3	(1:1.5:3)	25	7	2019	6x6x6	9	36	79	4920	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-57/06 (First Floor Column).

Our Ref. No. CL/CED/ 8880 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:1.5:3)	22	7	2019	6x6x6	8.8	36	69	4300	Engraved
2	(1:1.5:3)	22	7	2019	6x6x6	8.8	36	76	4730	Engraved
3	(1:1.5:3)	22	7	2019	6x6x6	9	36	76	4730	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-74/04 (Third Floor Slab).

Our Ref. No. CL/CED/ 8881 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	20	7	2019	6x6x6	9	36	83	5170	Engraved
2	(1:2:4)	20	7	2019	6x6x6	9.2	36	77	4800	Engraved
3	(1:2:4)	20	7	2019	6x6x6	9	36	82	5110	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-39/12 (First Floor Column).

Our Ref. No. CL/CED/ 8882 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:1.5:3)	18	7	2019	6x6x6	9	36	84	5230	Engraved
2	(1:1.5:3)	18	7	2019	6x6x6	9	36	79	4920	Engraved
3	(1:1.5:3)	18	7	2019	6x6x6	9	36	84	5230	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-73/05 (Second Floor Slab).

Our Ref. No. CL/CED/ 8883 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	18	7	2019	6x6x6	9	36	82	5110	Engraved
2	(1:2:4)	18	7	2019	6x6x6	9	36	84	5230	Engraved
3	(1:2:4)	18	7	2019	6x6x6	9	36	83	5170	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Aqsa
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-39/12 (Ground Floor Slab).

Our Ref. No. CL/CED/ 8884 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 12-09-19 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	(1:2:4)	6	7	2019	6x6x6	9	36	81	5040	Engraved
2	(1:2:4)	6	7	2019	6x6x6	9	36	84	5230	Engraved
3	(1:2:4)	6	7	2019	6x6x6	8.8	36	79	4920	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Umbreen
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-54/11 (First Floor Column).

Our Ref. No. CL/CED/ 8885 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 17-09-19 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	(1:1.5:3)	2	8	2019	6x6x6	8.8	36	98	6100	Non Engraved
2	(1:1.5:3)	2	8	2019	6x6x6	8.6	36	73	4550	Non Engraved
3	(1:1.5:3)	2	8	2019	6x6x6	9	36	100	6230	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Umbreen
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-59/08 (Second Floor Slab).

Our Ref. No. CL/CED/ 8886 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 17-09-19 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	(1:2:4)	3	8	2019	6x6x6	9	36	77	4800	Engraved
2	(1:2:4)	3	8	2019	6x6x6	9	36	73	4550	Engraved
3	(1:2:4)	3	8	2019	6x6x6	9	36	65	4050	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Umbreen
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-58/07 (Second Floor Column).

Our Ref. No. CL/CED/ 8887 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 17-09-19 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	(1:1.5:3)	8	8	2019	6x6x6	9	36	96	5980	Engraved
2	(1:1.5:3)	8	8	2019	6x6x6	9	36	88	5480	Engraved
3	(1:1.5:3)	8	8	2019	6x6x6	9	36	94	5850	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Umbreen

PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-58/07 (First Floor Column).

Our Ref. No. CL/CED/ 8888 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 17-09-19 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	(1:1.5:3)	10	7	2019	6x6x6	9	36	77	4800	Engraved
2	(1:1.5:3)	10	7	2019	6x6x6	9	36	86	5360	Engraved
3	(1:1.5:3)	10	7	2019	6x6x6	9	36	75	4670	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"diax12" cylinder) strength at 28 days as comprerssive 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

9151

To: **Ch. Abdul Ghafoor, Resident Engineer** Dr. Umbreen
PEPAC (Pvt) Ltd. (M/s Progressive International).
Project: Establishment of Workers Welfare Complex (Phase-1) Adjacent to Sundar Industrial Estate, District Kasur. "Package-Q". Block Q-60/09 (Second Floor Column).

Our Ref. No. CL/CED/ 8889 Dated: 17-09-19

Your Ref. No. RE/PEPAC/WWC/KSR/2019 Dated: 26-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 17-09-19 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	(1:1.5:3)	4	7	2019	6x6x6	9	36	79	4920	Non Engraved
2	(1:1.5:3)	4	7	2019	6x6x6	8.8	36	75	4670	Non Engraved
3	(1:1.5:3)	4	7	2019	6x6x6	8.6	36	75	4670	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"diax12" cylinder) strength at 28 days as comprerssive 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

9141

To: **Maj ® Mansoor Khaliq, General Manager** Dr. Umbreen
H. Sadar Ali Akhtar Ali (Pvt.) Ltd. Kahna Kacha 1.5 Km, Halloki Road, Lahore.
Project: Water Treatment Plant, Halloki, Lahore.

Our Ref. No. CL/CED/ 8890 Dated: 17-09-19

Your Ref. No. Nil Dated: 02-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 02-09-19 Tested on: 17-09-19 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	4000 Psi	5	8	2019	6Diax12	13.4	28.28	56	4370	Non Engraved
2	4000 Psi	5	8	2019	6Diax12	13.4	28.28	60	4680	Non Engraved
3	4000 Psi	5	8	2019	6Diax12	13.4	28.28	48	3750	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"diax12" cylinder) strength at 28 days as comprerssive 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

9177

To: **Mr. Ali Ahmed, Site Engineer** Dr. Umbreen
Zikria Construction Company. Pak Arab Housing Scheme 17 Km Ferozepur Road, Lahore.
Project: Beaconhouse School A-Level Canal Campus Faisalabad.

Our Ref. No. CL/CED/ 8891 Dated: 17-09-19

Your Ref. No. Nil Dated: 13-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 17-09-19 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		5	9	2019	6Diax12	13.4	28.28	53	4140	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"diax12" cylinder) strength at 28 days as comprerssive 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

9177

To: **Mr. Ali Ahmed, Site Engineer** Dr. Umbreen
Zikria Construction Company. Pak Arab Housing Scheme 17 Km Ferozepur Road, Lahore.
Project: Beaconhouse School A-Level Canal Campus Faisalabad.

Our Ref. No. CL/CED/ 8892 Dated: 17-09-19

Your Ref. No. Nil Dated: 13-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 13-09-19 Tested on: 17-09-19 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		5	9	2019	6Diax12	13.6	28.28	41	3200	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"diax12" cylinder) strength at 28 days as comprerssive 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

9120

To: **Salahuddin Shad** Dr. Umbreen
Maple Construction, Lahore
Project: Nil

Our Ref. No. CL/CED/ 8893 Dated: 17-09-19

Your Ref. No. Nil Dated: 29-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-08-19 Tested on: 17-09-19 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		30	7	2019	6Diax12	13.8	28.28	64	4990	Non 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"diax12" cylinder) strength at 28 days as comprerssive 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

9120

To: **Salahuddin Shad** Dr. Umbreen
Maple Construction, Lahore
Project: Nil

Our Ref. No. CL/CED/ 8894 Dated: 17-09-19

Your Ref. No. Nil Dated: 29-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 29-08-19 Tested on: 17-09-19 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		30	7	2019	6Diax12	13.4	28.28	62	4840	Non 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"diax12" cylinder) strength at 28 days as comprerssive 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

9129

To: **Ch. M. Hussain (RE G3 EC)** Dr. Umbreen
G3 Engineering Consultants (Pvt.) Ltd. Lahore
Project: Construction of University of Gujrat Sub Campus narowal (Boys Hostel)

Our Ref. No. CL/CED/ 8895 Dated: 17-09-19

Your Ref. No. G3/PD-UOG/2019-103A Dated: 30-08-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-08-19 Tested on: 17-09-19 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	Front Canopy Slab	13	7	2019	6Diax12	14	28.28	65	5070	Engraved
2	Front Canopy Slab	13	7	2019	6Diax12	14	28.28	69	5380	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 comprerssive 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

9144

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

Our Ref. No. CL/CED/ 8896 Dated: 17-09-19

Your Ref. No. P-156-029 Dated: 03-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-09-19 Tested on: 17-09-19 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	78 (4000 Psi)	26	8	2019	6Diax12	13.8	28.28	40	3120	Non Engraved
2	79 (4000 Psi)	26	8	2019	6Diax12	14	28.28	56	4370	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 comprerssive 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

9163

To: **Maple Construction**
54 C1, Gulberg III, Lahore
Project: Nil

Dr. Umbreen

Our Ref. No. CL/CED/ 8897 Dated: 17-09-19

Your Ref. No. Nil Dated: 05-09-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-09-19 Tested on: 17-09-19 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		8	8	2019	6Diax12	13.8	28.28	36	2810	Engraved
2		8	8	2019	6Diax12	13.4	28.28	38	2970	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 comprerssive 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**